ANHANG: Top 5 Brokerübersicht der Amundi Intermediation für die AMD ausgeführten Orders

## **Professional Client Types**

Class of Instrument	(a) Equities: Tick Size	Liquidity Band 1 a	ind 2		
Notification if <1	N	Elquidity Bana 1 a			
average trade per					
business day in the					
previous year					
previous year					
Top five brokers	Proportion of	Proportion of			
ranked in terms of	volume traded as a	orders executed		Porcontago of	
			Deverate as of	Percentage of	Deverate as of
trading volumes	percentage of total	as percentage of	Percentage of	aggressive	Percentage of
(descending order) CITIGROUP	in that class	total in that class	passive orders	orders	directed orders
	17,8%	8,8%			
(6TJCK1B7E7UTXP528					
Y04)			N/A	N/A	N/A
SOCIETE GENERALE	15,5%	13,5%			
(O2RNE8IBXP4R0TD8					
PU41)			N/A	N/A	N/A
MORGAN STANLEY	10,5%	27,2%			
(54930056FHWP7GI					
WYY08)			N/A	N/A	N/A
BNP PARIBAS	8,8%	11,7%			
(ROMUWSFPU8MPRO					
8K5P83)			N/A	N/A	N/A
	6,6%	2,4%			
KEPLER - CHEUVREUX					
(9695005EOZG9X8IRJ					
D84)			N/A	N/A	N/A
·	E0 20/	C2 C9/	N/A	N/A	N/A
Top 5 Total	59,2%	63,6%	N/A	IN/A	N/ A
Top 5 Total	59,2%	63,6%	N/A	N/A	1975
Top 5 Total Class of Instrument	(a) Equities: Tick Size			N/A	174
	· · ·			N/A	
Class of Instrument	(a) Equities: Tick Size			N/A	
Class of Instrument Notification if <1	(a) Equities: Tick Size				
Class of Instrument Notification if <1 average trade per	(a) Equities: Tick Size				
Class of Instrument Notification if <1 average trade per business day in the	(a) Equities: Tick Size				
Class of Instrument Notification if <1 average trade per business day in the	(a) Equities: Tick Size				
Class of Instrument Notification if <1 average trade per business day in the	(a) Equities: Tick Size				
Class of Instrument Notification if <1 average trade per business day in the previous year	(a) Equities: Tick Size	Liquidity Band 3 a			
Class of Instrument Notification if <1 average trade per business day in the previous year Top five brokers ranked in terms of	(a) Equities: Tick Size N Proportion of volume traded as a	Liquidity Band 3 a Proportion of orders executed	nd 4	Percentage of	
Class of Instrument Notification if <1 average trade per business day in the previous year Top five brokers ranked in terms of trading volumes	(a) Equities: Tick Size N Proportion of volume traded as a percentage of total	Liquidity Band 3 a Proportion of orders executed as percentage of	nd 4 Percentage of	Percentage of aggressive	Percentage of directed orders
Class of Instrument Notification if <1 average trade per business day in the previous year Top five brokers ranked in terms of	(a) Equities: Tick Size N Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	nd 4	Percentage of	Percentage of
Class of Instrument Notification if <1 average trade per business day in the previous year Top five brokers ranked in terms of trading volumes (descending order) BNP PARIBAS	(a) Equities: Tick Size N Proportion of volume traded as a percentage of total	Liquidity Band 3 a Proportion of orders executed as percentage of	nd 4 Percentage of	Percentage of aggressive	Percentage of
Class of Instrument Notification if <1 average trade per business day in the previous year Top five brokers ranked in terms of trading volumes (descending order)	(a) Equities: Tick Size N Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	nd 4 Percentage of	Percentage of aggressive	Percentage of
Class of Instrument Notification if <1 average trade per business day in the previous year Top five brokers ranked in terms of trading volumes (descending order) BNP PARIBAS (ROMUWSFPU8MPRO	(a) Equities: Tick Size N Proportion of volume traded as a percentage of total in that class 22,8%	Proportion of orders executed as percentage of total in that class 13,0%	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Class of Instrument Notification if <1 average trade per business day in the previous year Top five brokers ranked in terms of trading volumes (descending order) BNP PARIBAS (ROMUWSFPU8MPRO 8K5P83)	(a) Equities: Tick Size N Proportion of volume traded as a percentage of total in that class 22,8%	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Class of Instrument Notification if <1 average trade per business day in the previous year Top five brokers ranked in terms of trading volumes (descending order) BNP PARIBAS (ROMUWSFPU8MPRO 8K5P83) BOA - MERRILL LYNCH	(a) Equities: Tick Size N Proportion of volume traded as a percentage of total in that class 22,8%	Proportion of orders executed as percentage of total in that class 13,0%	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Class of Instrument Notification if <1 average trade per business day in the previous year Top five brokers ranked in terms of trading volumes (descending order) BNP PARIBAS (ROMUWSFPU8MPRO 8K5P83) BOA - MERRILL LYNCH (GGDZP1UYGU9STUH	(a) Equities: Tick Size N Proportion of volume traded as a percentage of total in that class 22,8%	Proportion of orders executed as percentage of total in that class 13,0%	Percentage of passive orders N/A	Percentage of aggressive orders N/A	Percentage of directed orders N/A
Class of Instrument Notification if <1 average trade per business day in the previous year Top five brokers ranked in terms of trading volumes (descending order) BNP PARIBAS (ROMUWSFPU8MPRO 8K5P83) BOA - MERRILL LYNCH (GGDZP1UYGU9STUH RDP48)	(a) Equities: Tick Size N Proportion of volume traded as a percentage of total in that class 22,8% 14,1%	Proportion of orders executed as percentage of total in that class 13,0%	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Class of Instrument Notification if <1 average trade per business day in the previous year Top five brokers ranked in terms of trading volumes (descending order) BNP PARIBAS (ROMUWSFPU8MPRO 8K5P83) BOA - MERRILL LYNCH (GGDZP1UYGU9STUH RDP48) SOCIETE GENERALE	(a) Equities: Tick Size N Proportion of volume traded as a percentage of total in that class 22,8%	Proportion of orders executed as percentage of total in that class 13,0%	Percentage of passive orders N/A	Percentage of aggressive orders N/A	Percentage of directed orders N/A
Class of Instrument Notification if <1 average trade per business day in the previous year Top five brokers ranked in terms of trading volumes (descending order) BNP PARIBAS (ROMUWSFPU8MPRO 8K5P83) BOA - MERRILL LYNCH (GGDZP1UYGU9STUH RDP48) SOCIETE GENERALE (O2RNE8IBXP4ROTD8	(a) Equities: Tick Size N Proportion of volume traded as a percentage of total in that class 22,8% 14,1%	Proportion of orders executed as percentage of total in that class 13,0%	Percentage of passive orders N/A	Percentage of aggressive orders N/A N/A	Percentage of directed orders N/A N/A
Class of Instrument Notification if <1 average trade per business day in the previous year Top five brokers ranked in terms of trading volumes (descending order) BNP PARIBAS (ROMUWSFPU8MPRO 8K5P83) BOA - MERRILL LYNCH (GGDZP1UYGU9STUH RDP48) SOCIETE GENERALE (O2RNE8/BXP4R0TD8 PU41)	(a) Equities: Tick Size N Proportion of volume traded as a percentage of total in that class 22,8% 14,1% 12,6%	Proportion of orders executed as percentage of total in that class 13,0% 10,3% 11,9%	Percentage of passive orders N/A	Percentage of aggressive orders N/A	Percentage of directed orders N/A
Class of Instrument Notification if <1 average trade per business day in the previous year Top five brokers ranked in terms of trading volumes (descending order) BNP PARIBAS (ROMUWSFPU8MPRO 8K5P83) BOA - MERRILL LYNCH (GGDZP1UYGU9STUH RDP48) SOCIETE GENERALE (O2RNE8/BXP4R0TD8 PU41) CITIGROUP	(a) Equities: Tick Size N Proportion of volume traded as a percentage of total in that class 22,8% 14,1%	Proportion of orders executed as percentage of total in that class 13,0%	Percentage of passive orders N/A	Percentage of aggressive orders N/A N/A	Percentage of directed orders N/A N/A
Class of Instrument Notification if <1 average trade per business day in the previous year Top five brokers ranked in terms of trading volumes (descending order) BNP PARIBAS (ROMUWSFPU8MPRO 8K5P83) BOA - MERRILL LYNCH (GGDZP1UYGU9STUH RDP48) SOCIETE GENERALE (O2RNE8IBXP4ROTD8 PU41) CITIGROUP (6TJCK1B7E7UTXP528	(a) Equities: Tick Size N Proportion of volume traded as a percentage of total in that class 22,8% 14,1% 12,6%	Proportion of orders executed as percentage of total in that class 13,0% 10,3% 11,9%	Percentage of passive orders N/A N/A	Percentage of aggressive orders N/A N/A	Percentage of directed orders N/A N/A
Class of Instrument Notification if <1 average trade per business day in the previous year Top five brokers ranked in terms of trading volumes (descending order) BNP PARIBAS (ROMUWSFPU8MPRO 8K5P83) BOA - MERRILL LYNCH (GGDZP1UYGU9STUH RDP48) SOCIETE GENERALE (O2RNE8/BXP4R0TD8 PU41) CITIGROUP (6TJCK1B7E7UTXP528 Y04)	(a) Equities: Tick Size N Proportion of volume traded as a percentage of total in that class 22,8% 14,1% 12,6% 10,7%	Proportion of orders executed as percentage of total in that class 13,0% 10,3% 11,9% 7,8%	Percentage of passive orders N/A	Percentage of aggressive orders N/A N/A	Percentage of directed orders N/A N/A
Class of Instrument Notification if <1 average trade per business day in the previous year Top five brokers ranked in terms of trading volumes (descending order) BNP PARIBAS (ROMUWSFPU8MPRO 8K5P83) BOA - MERRILL LYNCH (GGDZP1UYGU9STUH RDP48) SOCIETE GENERALE (O2RNE8/BXP4R0TD8 PU41) CITIGROUP (6TJCK1B7E7UTXP528 Y04) MORGAN STANLEY	(a) Equities: Tick Size N Proportion of volume traded as a percentage of total in that class 22,8% 14,1% 12,6%	Proportion of orders executed as percentage of total in that class 13,0% 10,3% 11,9%	Percentage of passive orders N/A N/A	Percentage of aggressive orders N/A N/A	Percentage of directed orders N/A N/A
Class of Instrument Notification if <1 average trade per business day in the previous year Top five brokers ranked in terms of trading volumes (descending order) BNP PARIBAS (ROMUWSFPU8MPRO 8K5P83) BOA - MERRILL LYNCH (GGDZP1UYGU9STUH RDP48) SOCIETE GENERALE (O2RNE8/BXP4R0TD8 PU41) CITIGROUP (6TJCK1B7E7UTXP528 Y04) MORGAN STANLEY (54930056FHWP7GI	(a) Equities: Tick Size N Proportion of volume traded as a percentage of total in that class 22,8% 14,1% 12,6% 10,7%	Proportion of orders executed as percentage of total in that class 13,0% 10,3% 11,9% 7,8%	Percentage of passive orders N/A N/A N/A	Percentage of aggressive orders N/A N/A N/A	Percentage of directed orders N/A N/A N/A
Class of Instrument Notification if <1 average trade per business day in the previous year Top five brokers ranked in terms of trading volumes (descending order) BNP PARIBAS (ROMUWSFPU8MPRO 8K5P83) BOA - MERRILL LYNCH (GGDZP1UYGU9STUH RDP48) SOCIETE GENERALE (O2RNE8IBXP4R0TD8 PU41) CITIGROUP (6TJCK1B7E7UTXP528 Y04) MORGAN STANLEY	(a) Equities: Tick Size N Proportion of volume traded as a percentage of total in that class 22,8% 14,1% 12,6% 10,7%	Proportion of orders executed as percentage of total in that class 13,0% 10,3% 11,9% 7,8%	Percentage of passive orders N/A N/A	Percentage of aggressive orders N/A N/A	Percentage of directed orders N/A N/A

	(a) Faultion Tial Cine	Linuidity David C a	and C		
Class of Instrument Notification if <1	(a) Equities: Tick Size	Liquidity Band 5 a	nd 6		-
	Ν				
average trade per					
business day in the					
previous year		1	[	r	T
		- ··· ·			
Top five brokers	Proportion of	Proportion of			
ranked in terms of	volume traded as a	orders executed		Percentage of	
trading volumes	percentage of total	as percentage of	Percentage of	aggressive	Percentage of
(descending order)	in that class	total in that class	passive orders	orders	directed orders
BOA - MERRILL LYNCH	23,9%	12,8%			
(GGDZP1UYGU9STUH					
RDP48)					
			N/A	N/A	N/A
MORGAN STANLEY	13,1%	23,5%			
(54930056FHWP7GI					
WYY08)			N/A	N/A	N/A
BNP PARIBAS	11,7%	11,2%			
(ROMUWSFPU8MPRO					
8K5P83)			N/A	N/A	N/A
CITIGROUP	10,6%	9,8%			
(6TJCK1B7E7UTXP528					
Y04)			N/A	N/A	N/A
SOCIETE GENERALE	8,9%	14,5%			
(O2RNE8IBXP4R0TD8					
PU41)			N/A	N/A	N/A
Top 5 Total	68,2%	71,8%	N/A	N/A	N/A
1	68,2%	71,8%	N/A	N/A	N/A
1	68,2% (b) Debt Instruments		N/A	N/A	N/A
Top 5 Total			N/A	N/A	N/A
Top 5 Total Class of Instrument	(b) Debt Instruments		N/A	N/A	N/A
Top 5 Total Class of Instrument Notification if <1	(b) Debt Instruments		N/A	N/A	N/A
Top 5 Total Class of Instrument Notification if <1 average trade per	(b) Debt Instruments		N/A	N/A	N/A
Top 5 Total Class of Instrument Notification if <1 average trade per business day in the	(b) Debt Instruments		N/A	<u>N</u> /A	N/A
Top 5 Total Class of Instrument Notification if <1 average trade per business day in the	(b) Debt Instruments		N/A	<u>  N/A</u>	N/A
Top 5 Total Class of Instrument Notification if <1 average trade per business day in the	(b) Debt Instruments		N/A	<u>  N/A</u>	N/A
Top 5 Total Class of Instrument Notification if <1 average trade per business day in the previous year	(b) Debt Instruments N	(Bonds)	N/A	N/A	N/A
Top 5 Total Class of Instrument Notification if <1 average trade per business day in the previous year Top five brokers	(b) Debt Instruments N Proportion of	( <b>Bonds</b> ) Proportion of	N/A Percentage of		N/A
Top 5 Total Class of Instrument Notification if <1 average trade per business day in the previous year Top five brokers ranked in terms of	(b) Debt Instruments N Proportion of volume traded as a	(Bonds) Proportion of orders executed		Percentage of	
Top 5 Total Class of Instrument Notification if <1 average trade per business day in the previous year Top five brokers ranked in terms of trading volumes	(b) Debt Instruments N Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of	Percentage of	Percentage of aggressive	Percentage of
Top 5 Total Class of Instrument Notification if <1 average trade per business day in the previous year Top five brokers ranked in terms of trading volumes (descending order)	(b) Debt Instruments N Proportion of volume traded as a percentage of total	Proportion of orders executed as percentage of total in that class	Percentage of	Percentage of aggressive	Percentage of
Top 5 Total Class of Instrument Notification if <1 average trade per business day in the previous year Top five brokers ranked in terms of trading volumes (descending order) TradeWeb EU B.V. (549300MII67ESSYBJ	(b) Debt Instruments N 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
Top 5 Total Class of Instrument Notification if <1 average trade per business day in the previous year Top five brokers ranked in terms of trading volumes (descending order) TradeWeb EU B.V. (549300MII67ES5YBJ H61)	(b) Debt Instruments N Proportion of volume traded as a percentage of total in that class 37,2%	Proportion of orders executed as percentage of total in that class 42,9%	Percentage of	Percentage of aggressive	Percentage of directed orders
Top 5 Total Class of Instrument Notification if <1 average trade per business day in the previous year Top five brokers ranked in terms of trading volumes (descending order) TradeWeb EU B.V. (549300MII67ES5YBJ H61) Bloomberg Trading	(b) Debt Instruments N 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 N/A	Percentage of aggressive orders N/A	Percentage of directed orders N/A
Top 5 Total Class of Instrument Notification if <1 average trade per business day in the previous year Top five brokers ranked in terms of trading volumes (descending order) TradeWeb EU B.V. (549300MII67ES5YBJ H61)	(b) Debt Instruments N Proportion of volume traded as a percentage of total in that class 37,2% 30,5%	Proportion of orders executed as percentage of total in that class 42,9%	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Top 5 Total Class of Instrument Notification if <1 average trade per business day in the previous year Top five brokers ranked in terms of trading volumes (descending order) TradeWeb EU B.V. (549300MII67ES5YBJ H61) Bloomberg Trading Facility BV (BTFE) MarketAxess NL	(b) Debt Instruments N Proportion of volume traded as a percentage of total in that class 37,2%	Proportion of orders executed as percentage of total in that class 42,9%	Percentage of passive orders N/A	Percentage of aggressive orders N/A	Percentage of directed orders N/A
Top 5 Total Class of Instrument Notification if <1 average trade per business day in the previous year Top five brokers ranked in terms of trading volumes (descending order) TradeWeb EU B.V. (549300MII67ES5YBJ H61) Bloomberg Trading Facility BV (BTFE) MarketAxess NL B.V.(MANL)	(b) Debt Instruments N Proportion of volume traded as a percentage of total in that class 37,2% 30,5%	Proportion of orders executed as percentage of total in that class 42,9%	Percentage of passive orders N/A	Percentage of aggressive orders N/A	Percentage of directed orders N/A
Top 5 Total Class of Instrument Notification if <1 average trade per business day in the previous year Top five brokers ranked in terms of trading volumes (descending order) TradeWeb EU B.V. (549300MII67ES5YBJ H61) Bloomberg Trading Facility BV (BTFE) MarketAxess NL B.V.(MANL) (5299000UUYW66L5L	(b) Debt Instruments N Proportion of volume traded as a percentage of total in that class 37,2% 30,5%	Proportion of orders executed as percentage of total in that class 42,9%	Percentage of passive orders N/A N/A	Percentage of aggressive orders N/A N/A	Percentage of directed orders N/A N/A
Top 5 Total Class of Instrument Notification if <1 average trade per business day in the previous year Top five brokers ranked in terms of trading volumes (descending order) TradeWeb EU B.V. (549300MII67ES5YBJ H61) Bloomberg Trading Facility BV (BTFE) MarketAxess NL B.V.(MANL) (5299000UUYW66L5L T560)	(b) Debt Instruments N Proportion of volume traded as a percentage of total in that class 37,2% 30,5% 7,3%	Proportion of orders executed as percentage of total in that class 42,9% 16,5% 15,2%	Percentage of passive orders N/A	Percentage of aggressive orders N/A	Percentage of directed orders N/A
Top 5 Total Class of Instrument Notification if <1 average trade per business day in the previous year Top five brokers ranked in terms of trading volumes (descending order) TradeWeb EU B.V. (549300MII67ES5YBJ H61) Bloomberg Trading Facility BV (BTFE) MarketAxess NL B.V.(MANL) (5299000UUYW66L5L T560) TradeWeb Europe Ltd	(b) Debt Instruments N Proportion of volume traded as a percentage of total in that class 37,2% 30,5%	Proportion of orders executed as percentage of total in that class 42,9%	Percentage of passive orders N/A N/A	Percentage of aggressive orders N/A N/A	Percentage of directed orders N/A N/A
Top 5 Total Class of Instrument Notification if <1 average trade per business day in the previous year Top five brokers ranked in terms of trading volumes (descending order) TradeWeb EU B.V. (549300MII67ES5YBJ H61) Bloomberg Trading Facility BV (BTFE) MarketAxess NL B.V.(MANL) (5299000UUYW66L5L T560) TradeWeb Europe Ltd (2138001WXZQOPMP	(b) Debt Instruments N Proportion of volume traded as a percentage of total in that class 37,2% 30,5% 7,3%	Proportion of orders executed as percentage of total in that class 42,9% 16,5% 15,2%	Percentage of passive orders N/A N/A	Percentage of aggressive orders N/A N/A	Percentage of directed orders N/A N/A
Top 5 Total Class of Instrument Notification if <1 average trade per business day in the previous year Top five brokers ranked in terms of trading volumes (descending order) TradeWeb EU B.V. (549300MII67ES5YBJ H61) Bloomberg Trading Facility BV (BTFE) MarketAxess NL B.V.(MANL) (5299000UUYW66L5L T560) TradeWeb Europe Ltd	(b) Debt Instruments N Proportion of volume traded as a percentage of total in that class 37,2% 30,5% 7,3%	Proportion of orders executed as percentage of total in that class 42,9% 16,5% 15,2%	Percentage of passive orders N/A N/A	Percentage of aggressive orders N/A N/A N/A	Percentage of directed orders N/A N/A
Top 5 Total Class of Instrument Notification if <1 average trade per business day in the previous year Top five brokers ranked in terms of trading volumes (descending order) TradeWeb EU B.V. (549300MII67ES5YBJ H61) Bloomberg Trading Facility BV (BTFE) MarketAxess NL B.V.(MANL) (5299000UUYW66L5L T560) TradeWeb Europe Ltd (2138001WXZQOPMP A3D50)	(b) Debt Instruments N Proportion of volume traded as a percentage of total in that class 37,2% 30,5% 7,3% 6,0%	Proportion of orders executed as percentage of total in that class 42,9% 16,5% 15,2% 7,0%	Percentage of passive orders N/A N/A	Percentage of aggressive orders N/A N/A	Percentage of directed orders N/A N/A
Top 5 Total Class of Instrument Notification if <1 average trade per business day in the previous year Top five brokers ranked in terms of trading volumes (descending order) TradeWeb EU B.V. (549300MII67ES5YBJ H61) Bloomberg Trading Facility BV (BTFE) MarketAxess NL B.V.(MANL) (5299000UUYW66L5L T560) TradeWeb Europe Ltd (2138001WXZQOPMP A3D50) JP Morgan Chase	(b) Debt Instruments N Proportion of volume traded as a percentage of total in that class 37,2% 30,5% 7,3%	Proportion of orders executed as percentage of total in that class 42,9% 16,5% 15,2%	Percentage of passive orders N/A N/A	Percentage of aggressive orders N/A N/A N/A	Percentage of directed orders N/A N/A
Top 5 Total Class of Instrument Notification if <1 average trade per business day in the previous year Top five brokers ranked in terms of trading volumes (descending order) TradeWeb EU B.V. (549300MII67ES5YBJ H61) Bloomberg Trading Facility BV (BTFE) MarketAxess NL B.V.(MANL) (5299000UUYW66L5L T560) TradeWeb Europe Ltd (2138001WXZQOPMP A3D50) JP Morgan Chase (7H6GLXDRUGQFU57	(b) Debt Instruments N Proportion of volume traded as a percentage of total in that class 37,2% 30,5% 7,3% 6,0%	Proportion of orders executed as percentage of total in that class 42,9% 16,5% 15,2% 7,0%	Percentage of passive orders N/A N/A N/A	Percentage of aggressive orders N/A N/A N/A	Percentage of directed orders N/A N/A N/A
Top 5 Total Class of Instrument Notification if <1 average trade per business day in the previous year Top five brokers ranked in terms of trading volumes (descending order) TradeWeb EU B.V. (549300MII67ES5YBJ H61) Bloomberg Trading Facility BV (BTFE) MarketAxess NL B.V.(MANL) (5299000UUYW66L5L T560) TradeWeb Europe Ltd (2138001WXZQOPMP A3D50) JP Morgan Chase	(b) Debt Instruments N Proportion of volume traded as a percentage of total in that class 37,2% 30,5% 7,3% 6,0%	Proportion of orders executed as percentage of total in that class 42,9% 16,5% 15,2% 7,0%	Percentage of passive orders N/A N/A	Percentage of aggressive orders N/A N/A N/A	Percentage of directed orders N/A N/A

Class of Instrument		(8.4			
Class of Instrument	(b) Debt Instruments	(Money markets i	nstruments)		
Notification if <1	N				
average trade per					
business day in the					
previous year					
Top five brokers					
ranked in terms of	Proportion of	Proportion of			
trading volumes	volume traded as a	orders executed		Percentage of	
(descending order)	percentage of total	as percentage of	Percentage of	aggressive	Percentage of
	in that class	total in that class	passive orders	orders	directed orders
TradeWeb EU B.V.	88,4%	85,0%	•		
(549300MII67ES5YBJ					
H61)			N/A	N/A	N/A
	11,6%	14,5%	,,,,	,,,,	,
TradeWeb Europe Ltd	11,070	1,370			
(2138001WXZQOPMP					
A3D50)			N/A	N/A	N/A
CITIGROUP	0,0%	0,5%	IN/A	IN/A	N/A
(6TJCK1B7E7UTXP528	0,0%	0,5%			
(61JCK1B7E701XP528 Y04)			N/A	NI / A	NI / A
	NI/A	NI/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
Top 5 Total	100,0%	100,0%	N/A	N/A	N/A
Class of Instrument	(c) Interest rates der	ivatives			
Notification if <1	Ν				
average trade per					
business day in the					
previous year		1			
Top five brokers	Proportion of	Proportion of			
Top five brokers ranked in terms of	Proportion of volume traded as a	orders executed		Percentage of	
•			Percentage of	Percentage of aggressive	Percentage of
ranked in terms of trading volumes (descending order)	volume traded as a	orders executed	Percentage of passive orders	_	
ranked in terms of trading volumes	volume traded as a percentage of total	orders executed as percentage of	0	aggressive	Percentage of directed orders
ranked in terms of trading volumes (descending order)	volume traded as a percentage of total in that class	orders executed as percentage of total in that class	0	aggressive	0
ranked in terms of trading volumes (descending order) BNP PARIBAS	volume traded as a percentage of total in that class	orders executed as percentage of total in that class	0	aggressive	directed orders
ranked in terms of trading volumes (descending order) BNP PARIBAS (ROMUWSFPU8MPRO	volume traded as a percentage of total in that class	orders executed as percentage of total in that class	passive orders	aggressive orders	directed orders
ranked in terms of trading volumes (descending order) BNP PARIBAS (ROMUWSFPU8MPRO 8K5P83)	volume traded as a percentage of total in that class 15,4%	orders executed as percentage of total in that class 24,6%	passive orders	aggressive orders	directed orders
ranked in terms of trading volumes (descending order) BNP PARIBAS (ROMUWSFPU8MPRO 8K5P83) CREDIT AGRICOLE	volume traded as a percentage of total in that class 15,4%	orders executed as percentage of total in that class 24,6%	passive orders	aggressive orders	directed orders
ranked in terms of trading volumes (descending order) BNP PARIBAS (ROMUWSFPU8MPRO 8K5P83) CREDIT AGRICOLE GROUP	volume traded as a percentage of total in that class 15,4%	orders executed as percentage of total in that class 24,6%	passive orders N/A	aggressive orders N/A	directed orders N/A
ranked in terms of trading volumes (descending order) BNP PARIBAS (ROMUWSFPU8MPRO 8K5P83) CREDIT AGRICOLE GROUP (2138007P96W5GXQ	volume traded as a percentage of total in that class 15,4%	orders executed as percentage of total in that class 24,6%	passive orders	aggressive orders	directed orders N/A
ranked in terms of trading volumes (descending order) BNP PARIBAS (ROMUWSFPU8MPRO 8K5P83) CREDIT AGRICOLE GROUP (2138007P96W5GXQ CIL28) SOCIETE GENERALE	volume traded as a percentage of total in that class 15,4% 11,7%	orders executed as percentage of total in that class 24,6% 21,7%	passive orders N/A	aggressive orders N/A	directed orders N/A
ranked in terms of trading volumes (descending order) BNP PARIBAS (ROMUWSFPU8MPRO 8K5P83) CREDIT AGRICOLE GROUP (2138007P96W5GXQ CJL28) SOCIETE GENERALE (O2RNE8IBXP4R0TD8	volume traded as a percentage of total in that class 15,4% 11,7%	orders executed as percentage of total in that class 24,6% 21,7%	passive orders N/A N/A	aggressive orders N/A N/A	directed orders N/A N/A
ranked in terms of trading volumes (descending order) BNP PARIBAS (ROMUWSFPU8MPRO 8K5P83) CREDIT AGRICOLE GROUP (2138007P96W5GXQ CIL28) SOCIETE GENERALE	volume traded as a percentage of total in that class 15,4% 11,7%	orders executed as percentage of total in that class 24,6% 21,7% 21,1%	passive orders N/A	aggressive orders N/A	directed orders N/A N/A
ranked in terms of trading volumes (descending order) BNP PARIBAS (ROMUWSFPU8MPRO 8K5P83) CREDIT AGRICOLE GROUP (2138007P96W5GXQ CJL28) SOCIETE GENERALE (O2RNE8IBXP4R0TD8 PU41) UBS	volume traded as a percentage of total in that class 15,4% 11,7% 11,7% 11,7%	orders executed as percentage of total in that class 24,6% 21,7%	passive orders N/A N/A	aggressive orders N/A N/A	directed orders N/A N/A
ranked in terms of trading volumes (descending order) BNP PARIBAS (ROMUWSFPU8MPRO 8K5P83) CREDIT AGRICOLE GROUP (2138007P96W5GXQ CJL28) SOCIETE GENERALE (O2RNE8IBXP4R0TD8 PU41) UBS (5299007QVIQ7IO64N	volume traded as a percentage of total in that class 15,4% 11,7% 11,7% 11,7%	orders executed as percentage of total in that class 24,6% 21,7% 21,1%	N/A N/A N/A	aggressive orders N/A N/A N/A	directed orders N/A N/A N/A
ranked in terms of trading volumes (descending order) BNP PARIBAS (ROMUWSFPU8MPRO 8K5P83) CREDIT AGRICOLE GROUP (2138007P96W5GXQ CJL28) SOCIETE GENERALE (O2RNE8IBXP4R0TD8 PU41) UBS (5299007QVIQ7IO64N X37)	volume traded as a percentage of total in that class 15,4% 11,7% 11,7% 11,7%	orders executed as percentage of total in that class 24,6% 21,7% 21,1% 6,4%	passive orders N/A N/A	aggressive orders N/A N/A	directed orders N/A N/A N/A
ranked in terms of trading volumes (descending order) BNP PARIBAS (ROMUWSFPU8MPRO 8K5P83) CREDIT AGRICOLE GROUP (2138007P96W5GXQ CJL28) SOCIETE GENERALE (O2RNE8IBXP4R0TD8 PU41) UBS (5299007QVIQ7IO64N X37) Goldman Sachs	volume traded as a percentage of total in that class 15,4% 11,7% 11,7% 11,7%	orders executed as percentage of total in that class 24,6% 21,7% 21,1%	N/A N/A N/A	aggressive orders N/A N/A N/A	directed orders N/A N/A N/A
ranked in terms of trading volumes (descending order) BNP PARIBAS (ROMUWSFPU8MPRO 8K5P83) CREDIT AGRICOLE GROUP (2138007P96W5GXQ CJL28) SOCIETE GENERALE (O2RNE8IBXP4R0TD8 PU41) UBS (5299007QVIQ7IO64N X37) Goldman Sachs (8IBZUGJ7JPLH368JE3	volume traded as a percentage of total in that class 15,4% 11,7% 11,7% 11,7%	orders executed as percentage of total in that class 24,6% 21,7% 21,1% 6,4%	passive orders N/A N/A N/A	aggressive orders N/A N/A N/A	directed orders N/A N/A N/A
ranked in terms of trading volumes (descending order) BNP PARIBAS (ROMUWSFPU8MPRO 8K5P83) CREDIT AGRICOLE GROUP (2138007P96W5GXQ CJL28) SOCIETE GENERALE (O2RNE8IBXP4R0TD8 PU41) UBS (5299007QVIQ7IO64N X37) Goldman Sachs (8IBZUGJ7JPLH368JE3 46)	volume traded as a percentage of total in that class 15,4% 11,7% 11,7% 12,0% 9,6%	orders executed as percentage of total in that class 24,6% 21,7% 21,1% 6,4% 3,6%	passive orders N/A N/A N/A N/A	aggressive orders N/A N/A N/A N/A	directed orders N/A N/A N/A N/A
ranked in terms of trading volumes (descending order) BNP PARIBAS (ROMUWSFPU8MPRO 8K5P83) CREDIT AGRICOLE GROUP (2138007P96W5GXQ CJL28) SOCIETE GENERALE (O2RNE8IBXP4R0TD8 PU41) UBS (5299007QVIQ7IO64N X37) Goldman Sachs (8IBZUGJ7JPLH368JE3	volume traded as a percentage of total in that class 15,4% 11,7% 11,7% 11,7%	orders executed as percentage of total in that class 24,6% 21,7% 21,1% 6,4%	passive orders N/A N/A N/A	aggressive orders N/A N/A N/A	directed orders N/A N/A N/A
ranked in terms of trading volumes (descending order) BNP PARIBAS (ROMUWSFPU8MPRO 8K5P83) CREDIT AGRICOLE GROUP (2138007P96W5GXQ CJL28) SOCIETE GENERALE (02RNE8IBXP4R0TD8 PU41) UBS (5299007QVIQ7IO64N X37) Goldman Sachs (8IBZUGJ7JPLH368JE3 46) <b>Top 5 Total</b>	volume traded as a percentage of total in that class 15,4% 11,7% 11,7% 12,0% 9,6% 60,4%	orders executed as percentage of total in that class 24,6% 21,7% 21,1% 6,4% 3,6% 77,4%	passive orders N/A N/A N/A N/A	aggressive orders N/A N/A N/A N/A	directed orders N/A N/A N/A N/A
ranked in terms of trading volumes (descending order) BNP PARIBAS (ROMUWSFPU8MPRO 8K5P83) CREDIT AGRICOLE GROUP (2138007P96W5GXQ CJL28) SOCIETE GENERALE (O2RNE8IBXP4R0TD8 PU41) UBS (5299007QVIQ7IO64N X37) Goldman Sachs (8IBZUGJ7JPLH368JE3 46)	volume traded as a percentage of total in that class 15,4% 11,7% 11,7% 12,0% 9,6%	orders executed as percentage of total in that class 24,6% 21,7% 21,1% 6,4% 3,6% 77,4%	passive orders N/A N/A N/A N/A	aggressive orders N/A N/A N/A N/A	directed orders N/A N/A N/A N/A

Class of Instrument	(e) Currency derivati	ves			
Notification if <1	N				
average trade per					
business day in the					
previous year					
Top five brokers	Proportion of	Proportion of			
ranked in terms of	volume traded as a	orders executed		Percentage of	
trading volumes	percentage of total	as percentage of	Percentage of	aggressive	Percentage of
(descending order)	in that class	total in that class	passive orders	orders	directed orders
CITIGROUP	38,3%	14,3%			
(6TJCK1B7E7UTXP528					
Y04)			N/A	N/A	N/A
MORGAN STANLEY	26,0%	28,6%			
(54930056FHWP7GI					
WYY08)			N/A	N/A	N/A
BOA - MERRILL LYNCH	15,9%	21,4%			
(GGDZP1UYGU9STUH					
(DP48)					
,			N/A	N/A	N/A
UBS	13,4%	28,6%			
(5299007QVIQ7I064N					
X37)			N/A	N/A	N/A
ROYAL BANK OF	6,3%	7,1%			
CANADA					
(ES7IP3U3RHIGC71XB					
U11)	100.00/		N/A	N/A	N/A
Top 5 Total	100,0%	100,0%	N/A	N/A	N/A

Class of Instrument (f) Structured finance instruments N/A

Class of Instrument	(g) Equity Derivative	-			
Notification if <1	N	5			
average trade per					
business day in the					
,					
previous year					
Top five brokers	Proportion of	Proportion of			
ranked in terms of	volume traded as a	orders executed		Percentage of	
trading volumes	percentage of total	as percentage of	Percentage of	aggressive	Percentage of
(descending order)	in that class	total in that class	passive orders	orders	directed orders
CREDIT AGRICOLE	19,4%		P		
GROUP	- / ·	- ,			
(2138007P96W5GXQ					
CJL28)			N/A	N/A	N/A
	19,2%	7,1%			
BOA - MERRILL LYNCH					
(GGDZP1UYGU9STUH					
RDP48)			N/A	N/A	N/A
Goldman Sachs	17,7%	4,1%			-
(8IBZUGJ7JPLH368JE3					
46)			N/A	N/A	N/A
SOCIETE GENERALE	14,4%	9,8%			
(O2RNE8IBXP4R0TD8					
PU41)			N/A	N/A	N/A
BNP PARIBAS	11,9%	11,3%			
(ROMUWSFPU8MPRO					
8K5P83)			N/A	N/A	N/A
Top 5 Total	82,6%	69,8%	N/A	N/A	N/A

Class of Instrument	(h) Securitized deriva	atives					
	N/A						
Class of Instrument	(i) Commodities derivatives and emission allowances Derivatives						
	N/A						
Class of Instrument	(j) Contracts for diffe	rence					
	N/A						
Characteristics and	(1) Fuch an an Taxalad						
Class of Instrument Notification if <1	(k) Exchange Traded	Products (ETF)					
average trade per	N						
business day in the							
previous year							
Top five brokers	Proportion of	Proportion of					
ranked in terms of	volume traded as a	orders executed		Percentage of			
trading volumes	percentage of total	as percentage of	Percentage of	aggressive	Percentage of		
(descending order)	in that class	total in that class	passive orders	orders	directed orders		
Tradeweb EU B.V.	62,9%	22,8%					
(549300MII67ES5YBJ							
H61)			N/A	N/A	N/A		
TradeWeb Europe Ltd	25,3%	58,1%					
(2138001WXZQOPMP							
A3D50)			<b>N</b> 1/A				
UBS	8,2%	7,3%	N/A	N/A	N/A		
(5299007QVIQ7I064N	-	7,3%					
(3233007QVIQ71004IN X37)			N/A	N/A	N/A		
	2,0%	4,3%	19/5	1975			
KEPLER - CHEUVREUX	_,,,,,	.,					
(9695005EOZG9X8IRJ							
D84)			N/A	N/A	N/A		
Societe Generale	1,6%	7,6%					
(O2RNE8IBXP4R0TD8							
PU41)			N/A	N/A	N/A		
Top 5 Total	100,0%	100,0%	N/A	N/A	N/A		
Class of Instrument	(I) Emission allowand	ces					
	N/A						

	( ) = 1				
Class of Instrument	(m) Other instrumen	ts (Foreign Exchan	ge)		
Notification if <1	N				
average trade per					
business day in the					
previous year					-
Top five brokers	Proportion of	Proportion of			
ranked in terms of	volume traded as a	orders executed		Percentage of	
trading volumes	percentage of total	as percentage of	Percentage of	aggressive	Percentage of
(descending order)	in that class	total in that class	passive orders	orders	directed orders
Financial & Risk	42,9%	36,2%			
Transaction Services					
Ireland Limited - FXall					
RFQ			N/A	N/A	N/A
ROYAL BANK OF	9,7%	4,6%			
CANADA					
(ES7IP3U3RHIGC71XB					
U11)			N/A	N/A	N/A
BOA - MERRILL LYNCH	6,9%	8,1%			
(GGDZP1UYGU9STUH					
RDP48)			N/A	N/A	N/A
SOCIETE GENERALE	6,1%	4,3%			
(O2RNE8IBXP4R0TD8					
PU41)			N/A	N/A	N/A
MORGAN STANLEY	5,8%	8,8%			
(54930056FHWP7GI					
WYY08)			N/A	N/A	N/A
Top 5 Total	71,4%	62,1%	N/A	N/A	N/A