

Index

- A**
- Absolute EBEX 227
 - “Access Rule” 77
 - Action, imperative for, by
 - European Commission 13
 - Adverse selection, risk of 21
 - Algorithmic trading 10, 176
 - key factors for assessing 179
 - Alternative trading systems (ATS) 10
 - evolving environment and emergence of 72–83
 - American Stock Exchange 78
 - Anand and Weaver (2004) 144
 - Angeles de Frutos and Manzano (2002) 144
 - Archipelago, role in US trading environment 79
 - Arizona Stock Exchange 78
 - Australian Stock Exchange 72
 - Authorisation
 - conditions for 267
 - procedures for 268
 - requirement for 267
 - scope of 268
 - withdrawal of 268
 - Average costs
 - by trade relative size 192
 - by turnover 192
 - Average daily volumes (ADV) 180
 - Average value of transactions (AVT) 104
- B**
- Barclay *et al* (2004) 134
 - “Basket trading” 179
 - Battalio and Holden (2001) 137
 - Battalio *et al*
 - (1997) 134, 137
 - (2003) 137
 - Benchmark
 - closing price 209
 - spread midpoint 206
 - Bennett and Wei (2006) 135
 - Bessembinder and Kaufman (1997) 137
 - Best Execution
 - alternative definition of 153
 - introducing 154–69
 - major principles of 155
 - “Best Result” 157
 - Biais *et al*
 - (1993) 144–5
 - (1995) 72, 218
 - Bid-Ask spreads, weighted
 - average 190
 - Bloomfield and O’Hara
 - (1999) 142, 144–5
 - (2000) 144
 - Blume and Goldstein, (1997) 137
 - Board and Wells (1999) 136
 - Boehmer and Boehmer (2002) 134
 - Boehmer *et al* (2005) 142
 - Boston Stock Exchange 78
 - Boussema *et al* (2001) 194–5
- C**
- Chicago Stock Exchange 78
 - Cincinnati Stock Exchange 78
 - “Co-decision” procedure 18
 - Comerton-Forde and Rydge (2006) 86

MARKETS IN FINANCIAL INSTRUMENTS DIRECTIVE

- Committee for European Securities Regulators (CESR) 12, 17, 95, 165, 329
- Conrad *et al* (2001) 134
- Convergence, on hybrid structures 67
- Copeland and Galai (1983) 189
- Cost
- explicit vs. implicit 193
 - inventory control 189
 - market timing opportunity 193
 - missed trade opportunity 193
 - operational opportunity 193
 - order processing 189
- D**
- Daily average volume (DAV) 231
- Davis and Lightfoot (1998) 135
- Degryse and Van Achter (2002) 136
- Depth, volume component of liquidity 123
- Derivative instruments, development of 91
- Direct market access (DMA) 173
- Directive
- 95/26/EC 8
 - 97/9/EC 8
 - 2000/64/EC 8
 - 2004/39/EC, Article 21 of 158
 - authorisation and operating conditions for investment firms 29
 - competent authorities 32
 - definitions and scope 29
 - draft level 2 implementing for functioning of harmonised European financial markets 17
 - market abuse 16
 - prospectus 16
 - regulated markets 31
 - versus regulation 21
 - structure of 28–44
 - as “systematic internaliser” 89
 - transparency 16
- Domowitz *et al* (2001) 194–5
- Draft Implementing Directive
- Article 44 of 160
 - Article 45 of 163
 - Article 46 of 164
 - draft Level 2 implementing measures 12
- Draft Implementing Regulation, draft Level 2 implementing measures 12
- E**
- Easley *et al* (1996) 135
- EBEX components, interpretation of directional 225
- EBEX indicator
- absolute 219–20
 - directional 219–20
 - interpretation of directional 227
- ECN. *See* Electronic communication network
- EDHEC Risk Advisory 2004 survey 177
- Electronic communication network (ECN) 63, 130
- advantages of trading with 74
 - development of 63
 - in the past, present and future 78
 - US Securities and Exchange Commission (SEC) defines 75
- Electronic trading, convergence towards 81
- Equities, transparency requirements for 106–15
- Equity execution, key developments affecting 171
- Estimated best execution (EBEX) 223
- Euronext 70, 93
- examples of hybrid markets 67
- European exchange landscape, overview of 82
- European financial market
- development of 2
 - integration of 9
- European investment services directive 2–13

- European Securities Committee (ESC) 17
- European Securities Markets Expert (ESME) 23
- European trading environment, brief analysis of 64
- Eurozone, introduction of 2
- Execution management systems (EMS) 182
- F**
- Financial Information eXchange (FIX) 175
- Financial Services Action Plan 13–24, 23
- European Commission structure on 14
- Firm, investment 27
- FIX Global Survey 175
- Flood *et al* (1997) 142
- Flow business 173
- Fong *et al* (2001) 136
- Force
- of consolidation 128
 - of fragmentation 129
- Forward interest-rate agreements (FRAs) 4
- Four-level approach 19
- Fragmentation 127–39
- consequences of 131
 - definition of 127
 - extent of 129
- Frankfurt Stock Exchange 72
- G**
- Global Steering Committee 176
- Glosten (1994) 133
- Gresse (2002) 134
- Griffiths *et al* (2000) 72, 218
- H**
- Harris (2003) 74, 86, 122–3, 128, 138, 145, 186, 204–5
- Hasbrouck (1995) 137
- Hendershott and Jones (2005) 142
- Ho and Stoll (1981) 189
- Huang (2002) 134
- I**
- Immediacy, time component of liquidity 123
- Indication-of-Interest (IOI) 175
- Indicators, relevance of 205
- INET 79
- Innovation 131
- Integrity of markets 116
- Internalisation, harmonisation of existing practices 100–6
- Internaliser, systematic 27
- International Securities Exchange 78
- Internet bubble and bearish equity markets, crash of 82
- Investment firms
- authorisation 39, 267
 - definition of 49
 - operating conditions for 276
 - post-trade disclosure for 107
 - provisions for operating conditions on 35
- Investment Services Directive (1993) 1
- in Article 11 5
 - issues and limitations of 8
- Investment Services, purpose of 49
- Irvine *et al* (2000) 125
- ITG and Credit Suisse 178
- L**
- Lamfalussy League Table 24
- Lee (2002) 133, 137, 143
- Levin (2003) 72, 129, 131, 133, 143
- LHOC, average of 210
- Limit order book, example of 66, 191
- London Economics
- with Oxford Economic 2
 - with PricewaterhouseCoopers 2
- London Stock Exchange (LSE) 67, 81
- Lowest, highest, opening and closing prices (LHOC) 186
- Lyons (1996) 142

MARKETS IN FINANCIAL INSTRUMENTS DIRECTIVE

M

Madhavan
 (1995) 144
 (1996) 142
 (2000) 145
 (2005) 144
 "Market Data Rules" 77
 Market, integrity of 55
 Market makers' quotations,
 example of 65
 Market quality
 definition of 122
 dimensions of 123
 Market structures, fundamentals
 of 64-72
 Markets in Financial Instruments
 Directive (MiFID) 63, 89, 121,
 186, 219, 333
 compliance with 242
 high-level map 29
 in nutshell 44-62
 primary objective of 11
 scope and coverage 46
 Mendelson (1987) 131-2
 "MiFID-compliant" language
 24
 Moral hazard, risk of 21
 Multilateral trading facilities
 (MTF) 53, 63, 89, 127
 development of 63
 emergence of 94-100
 post-trade transparency
 requirements for 292
 pre-trade transparency
 requirements for 291
 requirements for operating
 97
 Munck (2005) 194, 196

N

Naik and Yadav (2002) 144
 Nasdaq Stock Market 78
 National Stock Exchange 78
 New York Stock Exchange (NYSE)
 67, 78
 NexTrade, smallest ECN 79
 Number of after-better executions
 (NABEX) 224

Number of before-better
 executions (NBBEX) 223
 "NUMS" market maker 65

O

Oehler and Unser (2001) 144
 OMS and EMS 173
 Order concentration, obligation
 of 6
 Order Handling Rules 75
 Order management system (OMS)
 180
 "Order Protection Rule" 77
 Over-the-counter (OTC)
 data 217
 markets 128
 share 74
 trades 334

P

Pacific Exchange 78
 Pagano (1989) 133
 Pagano and Roell (1996) 142, 145
 Pan-European level playing field,
 emerging 89
 Parlour and Seppi (2003) 132
 Peterson and Sirri (2003) 137
 Philadelphia Stock Exchange 78
 Porter and Thatcher (1998) 135
 Porter and Weaver (1998) 145
 Portfolio system for institutional
 traders (POSIT) 83
 Portfolio trading, new forms of
 execution 10

Q

Qualifying System, definition of 96

R

Ranaldo (2004) 72, 218
 Regulated exchanges and MTFs,
 post-trade transparency
 requirements for 109
 Regulated exchanges, reporting
 rules for 6
 "Regulated market" 27
 Regulation NMS, substantive
 rules of 77

- Resiliency, volatility component of
 liquidity 123
 Rindi (2002) 142, 144
 Round trip trade, cost of 125
- S**
 Samaran *et al* (1999) 69
 Sanders *et al* (2004) 201
 Securities and Exchange
 Commission (SEC) 331
 Shares, market transparency for
 transactions in 56
 Spread
 effective 125
 quoted 125
 realised 125
 relative 125
 Stoll (2003) 142
 Straight-Through-Processing
 (STP) 175
 “Sub-Penny Rule” 77
 Systematic internalisation
 characterises of 100
 concept of 100
- T**
 TCA indicators
 pitfalls and common problems
 in 203–6
 review of 206
 summary of 212
 Technology, evolution of, on
 regulated exchanges 91
 Time-weighted average price
 (TWAP) 178
 Toronto Stock Exchange 72
 “Trade-Through Rule” 77
 Tradepoint 78
 Trading
 call auction 68
 continuous 68
 Traditional exchanges and ECNs,
 overview of relationships
 between 80
 Transaction
 buy-back or sell-back 47
 reverse repurchase 47
 Transaction cost analysis (TCA)
 185, 220
 new framework for advanced
 219–53
 Transaction costs
 components and drivers of
 186–98
 composition of 197
 explicit 187, 195
 implicit 189, 195–6
 measuring 198–203
 typology of 187
 Transferable securities
 1993 Investment Services
 Directive on 9
 execution of 10
 Transitional provisions 322
 Transparency 139
 advantages of 142
 degree of 140
 disadvantages of 143
 and market quality 141
 post-trade 140
 pre-trade 140
 Transposition 322
- U**
 Ui (1996) 142, 144
 US OMS vendor McGregor by ITG
 182
- V**
 Vienna European Council 13
 Violations, in price efficiency
 132
 Volume-weighted average price
 (VWAP) 178, 186, 208
 VWAP and TWAP 178
- W**
 Weston (2001) 134
 White Paper, on Financial Services
 23