Index

abusive liquidity detection 67
Acharya, V.V. 71
acquisitions and mergers see mergers
and acquisitions
administrative sanctions 39–42, 229–30
Aequitas NEO Exchange 91
agency theories of insider trading 23–4
Aitken, M. 43, 72–3, 87
algorithmic traders see high frequency
traders
Alibaba group 56
Alpha 176
alpha returns 65
alternative trading systems (ATSs) 55–6
Amaryan, D. 162
American Power Conservation Corp. 158–9
American Stock Exchange 57–8
ArcaEx 57
audit working papers conflict 223–5
Australia 8–9, 77, 78, 228–9, 233
Australian Securities and Investment
Commission (ASIC) Act 17
international cooperation 136–7
Australian Securities and Investments
Commission (ASIC) 9, 17, 98
Australian Securities Exchange (ASX) 102, 117
computer hackers 173–4
detection 117–18, 123
international cooperation 136–7
investigation 126–7, 131
powers 102
Ausubel, L.M. 22–3
AutoChina International Ltd. 108
Avgouleas, E. 13

Basel Committee on Banking
Supervision 205
Beck, P. 174–5, 181

Bentham, J. 46
Beny, L.N. 23–4, 24–5, 25–6, 30–31,
72
Bhattacharya, U. 28–30, 33
BHP Billiton Plc 155
bilateral memoranda of understanding
190–91, 194, 208, 222–3
Biremis Corp. 174–5
blocking laws 201, 202–203
bonding hypothesis 37
Braithwaite, J. 46–7
Bris, A. 30–31
British Columbia Securities
Commission (BCSC) 9
British Virgin Islands 138, 180
Brummer, C. 242
Bundesanstalt für
Finanzdienstleistungsaufsicht
(BaFin) 8, 98, 234
cross-border insider trading
105–106, 107
cross-border market manipulation
107, 109–12, 113, 114, 146, 147, 153
case studies 166–7
high frequency trading 91–2
international cooperation 132–4
investigation 127, 130–31, 141
market surveillance 119
objectives 18
powers 100
suspicious transactions reports
120–21, 122
Business Wire 164
call options 158–9
Canada 6, 8–9, 27, 233
cross-market surveillance 81
Financial Transactions and Reports
Analysis Centre 143
IIROC see Investment Industry
Regulatory Organization of Canada  
international cooperation 137–8, 138–40  
market fairness 16–17  
market share of trading venues 61  
Ontario Securities Act 1617  
OSC see Ontario Securities Commission  
OTC derivatives 93  
penalties 229  
powers of regulators 100–101  
Pump and dump schemes 113  
self-regulation 79–80  
Canadian Investor Protection Fund 187  
Canadian Securities Administrators (CSA) 9  
capital adequacy rules 251  
Capital Asset Pricing Model (CAPM) 20  
Carvajal, A. 31–2, 48  
case selection for investigation 126–9, 150–51  
case studies 11, 153–83  
cross-border insider trading 154–65  
cross-border market manipulation 165–78  
trends in cross-border market abuse 178–82  
CFA Institute Centre for Financial Market Integrity 187  
China 225, 240  
China Energy Technology Inc. 108  
China Securities Regulatory Commission (CSRC) 223–5  
churning 4  
civil penalties 39–42, 229  
Cloud, the 131, 145, 146  
CO2 Tech 168–9  
Coasian theories 23  
Coffee, J. 36–7, 40–41  
Cole, M. 69  
Commission de Contrôle des Activités Financières 219–20  
Committee of European Securities Regulators 193–4  
compensation for managers 23–4  
competition for listings 56  
complaints 124–6, 144  
complementarity of enforcement techniques 42–3  
complexity 141  
compliance 205–206, 222–6  
computer hackers 182  
cross-border insider trading 159–65  
IOSCO and policy development 240  
pump and dump schemes 172–4  
concept stocks dispute 223–5  
confession 232–3  
consolidated audit trail 82–4, 94, 95, 118, 142, 237  
consolidated SROs 79–84  
consolidation 57–61  
contracts for difference (CFDs) 107, 156, 157, 162  
convergence, regulatory 248–52  
cooperation 232–3  
development of the MMoU 190–92  
international see international cooperation  
cooperators 130, 147, 177, 178–9  
Cornblum, G. 156  
corporate governance 45  
Coscia, M. 178  
cost sharing 201–202, 225  
court system, effective 50  
Craig, J.A. 108  
criminal penalties 39–42, 180–81, 229–30  
cross-asset surveillance 81, 235–6  
cross-border insider trading 5, 72, 74, 153  
case studies 154–65  
computer hackers and cyber security 159–65  
purchase of derivatives by unknown foreign entities 158–9  
systematic insider trading 156–7  
tipping and trading by family and friends 154–5  
investigation 105–107  
researching 7–9  
trends 178–82  
cross-border market abuse 5, 10–11, 98–152, 254–5  
detection see detection difficulties for regulators 50–51
enforcement success and failure 140–41
future role of IOSCO 242–8
impact of transformation of markets 103–16
investigation see investigation
securities regulators’ powers to take action 100–102
securities regulators’ response and strategies for improvement 141–51
trends in 178–82
cross-border market manipulation 5, 153
case studies 165–78
high frequency traders 177–8
layering and spoofing by offshore traders 174–7
pump and dump schemes by computer hackers 172–4
pump and dump schemes in ‘penny stock’ markets 165–72
investigations 107–16
researching 7–9
trends 178–82
cross-border market surveillance 85–8, 95–6, 142, 255
IOSCO
recommendations 236
system to share data 245–7
cross-border mergers and acquisitions 65, 68
cross-border trading 61–2
cross-market surveillance 81–4, 95–6, 142, 235–6, 255
Cumming, D. 38, 43, 47, 73, 81, 87–8, 256
Curshen, J. 167–9
cyber security 159–65, 240
CyberTrader 164
Daouk, H. 28–30, 33
data analysis, need to improve 94, 95–6
data collection 130–31, 145–6
improving access to data 232–4
need for a stronger regulatory framework 94–5
data mining 163
De Beria Goldfields Inc. 166–7
delay problems 140, 215
Demostrate 176
demutualization 56–7, 77
derivatives 62
OTC regulation 92–3
purchase by unknown foreign entities 158–9
detection 7–8, 10–11, 42–3, 117–26, 255
complaints, whistleblowers and tip-offs 124–6, 144
difficulties for regulators 48, 69–70
effectiveness of current mechanisms 142–4
market surveillance see market surveillance
operational role for IOSCO 243–4
suspicious transactions reports 120–24, 142–4, 245
deterrence 45–7, 231
Deutsche Börse 58, 110, 111–12, 147
Diplock, J. 207
direct access trading 64, 66, 67, 90
Doigde, C. 41
domestic laws, changes in 203–204, 206, 209–10, 218, 228
domestic preferences 250–52
DRS Technologies Inc. 158–9
dual criminality requirement 199–200
Dubai Free Trade Zone 133
Dubovoy, A. 161
Dubovoy, P. 161–2, 164
Eastern Europe 240
economic efficiency 24–5, 26
effective court system 50
Efficient Capital Market Hypothesis (ECMH) 20
electronic trading 55–6
Elliott, J. 31–2, 48
emerging markets 190
end of day price dislocation 72–3
enforcement 4–5, 10, 13–51, 255–6
complementary techniques 42–3
deterrence 45–7, 231
difficulties of for regulators 48–51
Insider trading and market manipulation

importance of 29–47
importance of public enforcement 38–9

IOSCO
operational role 243–4
policy development 228–32

OFCs and difficulties in 219
optimum mix of public enforcement options 39–42
as part of a regulatory strategy 44–5
penalties see penalties/sanctions
powers of security regulators 100–102
public vs private 31–8
rationale for 13–14, 21–9
success and failure in cross-market abuse 140–41

Enhanced Multilateral Memorandum of Understanding Concerning Consultation and Cooperation and the Exchange of Information (EMMoU) 11, 210, 212, 213–16, 224, 248, 256

Enron Corporation 195
Estonian computer hackers 164–5
ethics 26
Euronext 57
Europe 76
market share of trading venues 59, 60
suspicious transactions reports 143–4

European Commission 52, 187
European Securities and Markets Authority (ESMA) 119
Memorandum of Understanding (MoU) 132, 133, 135, 149, 193–4, 201

European Union
Alternative Investment Fund Managers Directive 89
enforcement options and penalties 229–30

Market Abuse Directives (MADs) 17–18, 29, 120–22, 143, 150, 229–30
Market Abuse Regulation (MAR) 121, 145–6, 229–30

Markets in Financial Instruments Directive (MiFID II) 91
‘event’ studies 20–21
Everock Inc. 171–2
ex ante compliance 40
Exante Ltd. 162
exchange monopolies, break-down of 54–7

family and friends 154–5
FBI cooperators/undercover agents 130, 147, 177, 178–9
Ferran, E. 40–42
Financial Action Task Force (FATF) 196, 197

Financial Conduct Authority (FCA) 8, 42, 98
case selection for investigation 128–9
cross-border market manipulation 178, 181
international cooperation 135–6
market surveillance 120
objectives 17
powers 101, 233–4
price movements 71–2
suspicious transactions reports 122–3

see also Financial Services Authority (FSA)

Financial Crimes Enforcement Network (FinCEN) 143

Financial Fraud Enforcement Task Force 105, 130

Financial Industry Regulatory Authority (FINRA) 9, 80, 98, 104, 116
cross-border insider trading 156
international cooperation 138–9
investigation of cross-border market abuse 128
market surveillance 82, 118
powers 102
Rule 613 84
suspicious transactions reports 123–4

Financial Services Authority (FSA) 40, 71–2, 98, 101
case studies 157, 174
investigation of cross-border market abuse 129

see also Financial Conduct Authority (FCA)
Index

Financial Stability Board 238
Financial Stability Forum (FSF) 196–7
‘flash crash’ of May 2010 82–3, 182
foreign markets, protecting integrity of 150–51, 241
foreign traders 108, 116
case studies of layering and spoofing 174–7, 181
purchase of derivatives by unknown foreign entities 158–9
fragmentation 54–7, 59–61
framework for market abuse laws 231–2
France 78
fraud 26, 38
Freedom Golf Corporation 167–8
friends and family 154–5
Frino, A. 73

G20 5, 44, 238, 242
Gallison II, H.B. (‘BJ’) 169–72
Geraths, P. 166, 167
Germany 8–9, 119
BaFin see Bundesanstalt für Finanzdienstleistungsaufsicht
international cooperation 132–4
Open Market 109–12, 134, 147
Prevention of Risks and Abuse in High-Frequency Trading Act 91–2
Securities Trading Act 120–21, 127
global financial crisis 2, 53, 75, 221, 226, 252
global securities regulator 242
global stock exchanges 57–61
government market supervision, closer 76–80
Great Depression 16
Grmovsek, S. 156
Groh, A. 38, 47
hackers see computer hackers
Hail, L. 39
harmonization of securities regulation 227, 248–52
Harris, F.H. De B. 72–3, 87
hedge funds 64–5, 68, 70, 88–90
high frequency traders 62–4, 66–8, 103–104, 116, 181–2
case studies 177–8
recent regulatory changes 90–92
Hold, G. 176
Hold, S. 176
Hold Brothers Online Investment Services LLC 175–6
Hong Kong 78
Securities and Futures Commission (SFC) 78, 217
Hong Kong Stock Exchange 78, 150
Ieremenko, O. 160–61
Iermolovych, V. 160–61, 163–4
IEX 91
increased trading volumes 62–4
independent consolidated SROs 79–84
India 217
industry resistance/interference 49
information exchange between regulators and SROs 85–8, 94, 95, 96
cross-border market surveillance 85–8, 245–7
future role of IOSCO 245–8
intelligence sharing 247–8
international cooperation 132–40, 140–41, 148–50, 179–80
MMoU see Multilateral Memorandum of Understanding Concerning Consultation and Cooperation and the Exchange of Information
rapidity of 140, 148–9
information requests EMMoU 215
from foreign regulators 130–31
international cooperation 132–40, 140–41, 148–50, 179–80
MMoU express terms 199–202
use of 206–209
insider trading 2, 3–4, 48, 66
cross-border see cross-border insider trading
measuring the level of 71–2
rationale for prohibition 22–9
institutional investors 55
Insider trading and market manipulation

Intelligence sharing 247–8

Inter-American Convention on Mutual Assistance in Criminal Matters 207

Intercepts on communications 233–4

Interconnected trading platforms 61–2

Intercontinental Exchange/NYSE (ICE/NYSE) 58, 61–2

Intermarket Surveillance Group (ISG) 86–7, 95, 139–40, 142, 245–7, 255

International Association of Insurance Supervisors (IAIS) 204–205


Australia 136–7

Canada 137–8, 138–40

Germany 132–4

Need for aligned preferences 250–51

SROs 138–40

UK 135–6

US 138–40

International Criminal Court 243

International Monetary Fund (IMF) 29, 187, 220

Financial Sector Assessment Program 99

International Organization of Securities Commissions (IOSCO) 6, 9, 11–12, 29, 183, 184–210

Affiliate members 187

Affiliate Members Consultative Committee 189

Asia-Pacific Regional Committee (APRC) database 248

Assessment Committee 189–90, 249

Assessment process 249–50

Associate members 187

Committee on Enforcement and the Exchange of Information 231

Committee on Emerging Risks 190

Committees 188–90

Cross-border market abuse role 151, 242–8, 256

Operational role in detection, investigation and enforcement 243–4

Sharing intelligence 247–8

System to exchange suspicious transactions reports 144, 245

System to share cross-border market surveillance data 245–7

Direct access trading 90

Early attempts at cooperation 190–92

EMMoU 11, 210, 212, 213–16, 224, 248, 256

Establishment and structure 186–7

Future role 11–12, 211–53, 256–7

Governance 187–90

Growth and Emerging Markets (GEM) Committee 189, 196, 219

Hedge funds regulation 88–9

Key goals 185

Market fairness and integrity 18–19

Membership fees 188

Methodology document 226

MMoU see Multilateral Memorandum of Understanding Concerning Consultation and Cooperation and the Exchange of Information

Monitoring Group 223

Objectives and Principles of Securities Regulation 18, 193, 202–203, 226, 241, 249–50

OTC derivatives 93

Persuading all jurisdictions to sign the MMoU 196–8, 216–22

Policy development 152, 226–41, 256

Addressing market manipulation in ‘penny stock’ markets 239

Consistency in defining market abuse and applicable penalties 149–50, 228–32

Cyber security 240

Improving access to data 232–4

Improving market surveillance capabilities 234–8

Protecting integrity of foreign markets 241

Presidents Committee 187, 189, 192, 195–6, 198

Project Team following 9/11 194–5

Risks due to direct access trading and high frequency traders 67–8

Screening process 202, 204

Self-evaluation of members 192, 249
shift to a multilateral approach to information exchange 193–5
strategic direction to 2020 211–12, 227
Technical Committee 19, 93, 189, 191–2, 195–6, 202, 219
working towards regulatory convergence 248–52
investigation 10–11, 126–31, 145–8, 178, 255
case selection 126–9, 150–51
difficulties in 48, 69–70
into cross-border insider trading 105–107
into cross-border market manipulation 107–16
obtaining data 130–31, 145–6
operational role for IOSCO 243–4
parallel investigations 157, 180
use of cooperators and undercover agents 130, 147, 177, 178–9
investigative powers 49–50
Investment Industry Regulatory Organization of Canada (IIROC)
fee structure 103–104, 145
market surveillance 81, 118–19
suspicious transactions reports 124, 143
investor protection 15, 19
Jackson, H.E. 34–6, 37–8, 42–3
Johan, S. 38, 47, 81, 87–8
Johnson, T.C. 71
Karmel, R. 222, 227
Khalupsky, V. 164
Klepper, S. 47
Koper, C. 47
Kruse, C.H. Jr 170–72
Kruse, C.H. Sr 170–72
La Jolla Capital Financial Corp. 169–70
La Porta, R. 32–4, 35, 37
layering 66–7, 108, 116, 181
case studies 174–7, 178
Lee, I. 27
Lepik, K. 165
Lepone, A. 73
Leuz, C. 39
Liberia 218
Liechtenstein 133
lightly regulated markets see ‘penny stock’ markets
listing premiums 41
listing rules on the Open Market 111–12
Lohmas Haavel and Viisemann 164–5
London Alternative Investment Market (AIM) 41
London Stock Exchange 58, 59
Lopez-de-Silanes, F. 32–4
Madura, J. 72, 74, 256
Maillard, C. 155
Makkai, T. 46–7
Malaysia 137
Marchman, R. 68–9
Marciniak, M. 72, 74, 256
Manne, H.G. 23–4, 25
Maple Group 58
market abuse 10
cross-border see cross-border market abuse
impact of transformation of markets on 103–16
IOSCO’s role in building consistency on and applicable penalties 228–32
and market integrity 3–5
measuring the level of 70–75, 94
need for more consistent definitions 149–50
transformation of markets and level of 70–75
market confidence 15, 17, 18, 38
market integrity, market fairness and 19–21
market efficiency 52–3, 74–5
market fairness 3, 10, 15–17, 18–19
market integrity, market confidence and 19–21
market integrity 2, 3, 10, 14–21, 53, 257
cross-market surveillance and 81–2
impact of consolidation of regulatory functions 81–4
impact of the transformation of markets on 66–75
market abuse and 3–5
market confidence, market fairness and 19–21
protecting for foreign markets 150–51, 241
recent regulatory changes which may impact on 88–93
sufficiency of regulatory response to market transformation 93–6
market manipulation 2, 4, 48, 66
cross-border see cross-border market manipulation
rationale for prohibition 22
market supervision 44, 76–80
market surveillance 42–3, 117–20, 142
cross-asset 81, 235–6
cross-border see cross-border market surveillance
cross-market 81–4, 95–6, 142, 235–6, 255
IOSCO and improving capabilities for 234–8
market theories of insider trading 23, 24–5
market transformations see transformation of markets
Marshall Islands 218
matched orders 110, 113
Mawji, A. 167
McClellan, A. 157, 180
measurement of market abuse 70–75, 94
memoranda of understanding, bilateral and multilateral 190–91, 194, 208, 222–3
Mercury Capital 173
mergers and acquisitions cross-border 65, 68
stock exchanges 57–8
Mexico 78
Michie, R. 54
miccap markets see ‘penny stock’ markets
miccap shell companies 115–16
Milrud, A. 176–7, 179
Moeller, C. 171
Monaco 218, 219–20
Moneyline Brokers 169–72
monopolies, exchange 54–7
Multilateral Memorandum of Understanding Concerning Consultation and Cooperation and the Exchange of Information (MMoU) 9, 11, 85–6, 152, 185–6, 190–210, 211, 255, 256
adoption of 195–8
development of 190–98
EMMoU and 213–15
express terms of 199–202
impact 96, 149, 199–209
beyond express terms 202–206
international cooperation 132, 133, 135, 137, 138–9
‘penny stock’ markets 239
persuading all jurisdictions to sign 196–8, 216–22
replicating its methodology to obtain regulatory convergence 248–52
sharing intelligence 247
signatories’ likelihood of continuing to meet their obligations 222–6
use of 206–209
Mutual Fund Dealers Association (MFDA) 80
mutual funds 55
Mutual Legal Assistance Treaties 135, 138, 207
mutual recognition regime 243–4
Nagaicevs, I. 172–3
Nagin, D. 47
NASDAQ 59, 60
New Solomon Consultants 108
New York Stock Exchange (NYSE) 57–8
ICE/NYSE 58, 61–2
trading in NYSE listed securities 59, 60
NYSE Euronext 57–8
offshore financial centres (OFCs) 106, 115, 196–7
MMoU 218–19
offshore traders see foreign traders one-off opportunistic insider trading 106, 154–5
Ontario Securities Act 16–17
Ontario Securities Commission (OSC) 9, 17, 98, 233
high frequency trading 90–91
international cooperation 137–8
layering and spoofing 175, 181
voluntary reporting 125, 144
Open Market 109–12, 134
First Quotation Board 111–12, 147
Oppenheimer, R. 171
optimum mix of public enforcement options 39–42
Options Regulatory Surveillance Authority (ORSA) 159
order matching 56
Orrs, E.W. 26, 27
over the counter (OTC) trading 56
cross-border market manipulation 112–16
derivatives 92–3
painting the tape 48
parallel investigations 157, 180
Parmalat SpA 195
Peek, O. 165
penalties/sanctions 42–3
deterrence 45–7
IOSCO's role in policy development 228–32
long prison sentences 180–81
need for a range of 50
optimum mix of enforcement options 39–42
‘penny stock’ markets
IOSCO and policy development 239
case studies 165–72
pension funds 55
policy
evvidence on enforcement and 36–7
IOSCO and policy development 152, 226–41, 256
political resistance/interference 49
Potash Corp. 155
Prentice, R. 39
prices
accuracy 24–5
movements 71–4
prison sentences 180–81
private enforcement 31–8
profit motive 78
public enforcement 31–47
complementary techniques 42–3
deterrence 45–7
importance to stock markets 38–9
optimum mix of options 39–42
as part of a regulatory strategy 44–5
vs. private enforcement 31–8
pump and dump schemes
computer hackers 172–4
case studies 165–72
quote manipulation 67
quote stuffing 66–7, 116
rapidity of information exchange 140, 148–9
Raustiala, K. 221
Red Sea Management Ltd. 168–9
regulation 74–5
adaptation to transformation of markets 75–93
closer supervision of markets 76–80
consolidation of regulatory functions 81–4
cross-border market surveillance 85–8
recent changes that may impact on market integrity 88–93
enforcement as part of a regulatory strategy 44–5
IOSCO and regulatory convergence 248–52
securities regulators see securities regulators
sufficiency of response to market transformation 93–6
reputational penalties 43
resources of regulators 35–6, 38–9, 42–3
rewards for voluntary reporting 144
Ricci, D. 168, 169
Roe, M.J. 34–6, 37–8, 42–3
Rule 613 82–4
Russia 240
Salazar, R. 168, 169
sanctions see penalties/sanctions
scalping see pump and dump schemes
secrecy laws 201, 202–203
Insider trading and market manipulation

Securities and Exchange Commission (SEC) 9, 98, 104–5, 199–200
Analysis and Detection Centre 163
Centre for Risk and Quantitative Analytics 163
concept stocks conflict 223–5
consolidated audit trail 82–4, 94, 95, 118, 142, 237
cross-border insider trading 106–107, 181
case studies 155, 157, 158–9, 159–65
cross-border market manipulation 108, 112–16, 146, 147, 181–2
case studies 167–73, 174–7
enforcement-led 40, 221
FBI cooperators 178–9
‘flash crash’ of 2010 82–3, 182
international cooperation 138, 139
investigation of cross-border market abuse 128, 130
and ISG 87
‘large trader’ rule 90
long prison sentences 180–81
market surveillance 142
memoranda of understanding 194, 208
Microcap Fraud Task Force 105
Microcap Fraud Working Group 105, 115, 147
objectives 15
Office of Market Intelligence 125
powers 101–102
protecting integrity of foreign markets 150, 151
voluntary reporting 125–6, 144
securities regulators 2, 5–6, 98–152
capacity for detection and enforcement 49
challenges posed by changes in markets 68–70
detection see detection
difficulties in enforcement 48–51
enforcement success and failure 140–41
investigation see investigation
market abuse detected and reported by 7–9
need to alter the approach 257
not allowed to be members of ISG 246
objectives 15–19
powers to take action 100–102
resources of 35–6, 38–9, 42–3
response to cross-border market abuse and strategies for improvement 141–51
see also under individual regulators
securitization 1
self-regulatory organizations (SROs) 5–6, 9, 44–5, 75, 76–7, 79–80
international cooperation 138–40
possible use of EMMoU 215–16
see also Financial Industry Regulatory Authority (FINRA); Investment Industry Regulatory Organization of Canada (IIROC)
Seyhun, H.N. 72
Shad, J. 25
Shleifer, A. 32–4
short order processing delays (‘speed bumps’) 90–91
Simpson, S. 47
Singapore 137
Slepenkov, N. 162
soft law 205–6, 209–10, 222
‘speed bumps’ 90–91
spider (computer program) 164
splitting trading 66
spoofing 66–7, 103, 108, 116, 181
case studies 174–7
standardized trading data 95
Stephanou, N. 128
stock exchanges 1
break-down of monopolies 54–7
demutualization 56–7, 77
rise of global stock exchanges 57–61
stock market ‘bubbles’ 45
Studler, A. 26, 27
Sulja Bros. Building Supplies Ltd. 113
supervision 44, 76–80
suspension of trading 115
suspicious transactions reports 120–24, 142–4
system to exchange 144, 245
Swift Trade Inc. 174, 175
Switzerland 132–3, 180, 203

systematic cross-border insider trading 106–107, 156–7
systemic risk 53
Tafara, E. 254, 257
targeted rules 43
technical skills, regulators’ 49
telecommunications data 130–31, 145–6
improving access to 232–4
warrants to intercept 233–4
terrorist attacks of 9/11 194
Thomsen, L.C. 1
ticking 73
time clocks, coordination of 104
tip-offs 124–6, 144
TMX group 90–91
Trade Reporting and Electronic Audit Trail Standards (TREATS) 118–19
‘trading floors’ 175
trading volumes, increased 62–4
transformation of markets 1–2, 10, 52–97, 254–5
adaptation of regulation and supervision see regulation
break-down of exchange monopolies 54–7
cross-border mergers and acquisitions 65, 68
cross-border trading and interconnected trading platforms 61–2
direct access trading 64, 66, 67, 90
fragmentation 54–7, 59–61
hedge funds 64–5, 68, 70, 88–90
high frequency traders 62–4, 66–8, 90–92
impact on market abuse 103–16
impact on market integrity 66–75
increased trading in derivatives 62
increased trading volumes 62–4
and level of market abuse 70–75, 94
rise of global stock exchanges 57–61
sufficiency of regulatory response 93–6
transnational regulatory networks (TRNs) 204–206, 210, 250–51
TSX Group 58
Turchyev, I. 160–61
Ugedo, J. 155
Ukrainian American traders 161–2, 162–3, 164
Ukrainian computer hackers 160–64
undercover agents 130, 147, 177, 178–9
unique customer identifiers 83, 237–8
United Kingdom (UK) 8–9, 78, 116
FCA see Financial Conduct Authority
FSA see Financial Services Authority
insider trading 28
international cooperation 135–6
market integrity 17–18
optimum mix of enforcement options 40–42
United States of America (US) 8–9
bonding hypothesis 37
Chinese concept stocks 224
Committee on Capital Markets Regulation 41
Dodd-Frank Wall Street Reform and Consumer Protection Act 125
FinCEN 143
FINRA see Financial Industry Regulatory Authority
hegemony in relation to enforcement and international cooperation 199, 221–2
importance of public enforcement 36, 38–9
insider trading legislation 27–8
Insider Trading and Securities Fraud Enforcement Act 199
international cooperation 138–40
market fairness 15–16
market structure 116
penalties 229
Policy Statement on Regulation of International Securities Markets 191
private enforcement 34–5
regulation of hedge funds 89
Securities Act 15–16
Securities Exchange Act 15–16, 76, 229
SEC see Securities Exchange Commission
self-regulation 76–7, 79–80
unusual market activity 8
  price movements 71–4
use of information from MMoU 225

Vanuatu 218
Verdier, P.-H. 250–51
Vishny, R. 32
voluntary reporting 124–6, 144

warrants to intercept communications 233–4
Warrior Girl 170–71
wash sales 110, 113

Weinbaum, A. (‘Eric’) 168, 169
Wheatley, M. 207–208
whistleblowers 124–6, 144
White, M.J. 184
white collar crime 46–7
World Bank 32–3
WorldCom 195
World Federation of Exchanges 63
Wright, D. 211

Zangara, F. 171, 172
Zhan, F. 43, 73
Zigdon, Y. 168, 169