

## Summary on Reported System Incidents in Overseas Exchanges

CB(1)2507/01-02(01)

(January 2001 to 15 July 2002)

Date	Stock Exchange	Duration	Market affected	Nature of Incident Reported	Source
1. 5-Jul-02	Shenzhen Stock Exchange	the whole morning session (9:15 am-11:30 am)	Shenzhen Stock Exchange market	A satellite telecommunications system failure that made some broker firm could not perform normal trading.	South China Morning Post
2. 4-Jul-02	Australian Stock Exchange	30 mins in the morning session	Australian Stock Exchange market	A technical malfunction.	Reuters, Melbourne
3. 11 June 02	Euronext	n.a.	Amsterdam Futures & Options markets	Technical problems with the Switch electronic trading platform.	Futures & Options Week
4. 14 June 02	Euronext	n.a.	Amsterdam Futures & Options markets	Technical problems with the Switch electronic trading platform.	Futures & Options Week
5. 1 June 02	Euronext	nearly two hours	Paris derivatives market, Brussels Stock and Derivatives markets	An unspecified technical failure within its Logical Access system.	Futures & Options Week
6. 21-May-02	Philippine Stock Exchange	Whole day	Philippine Stock Exchange market	A huge power outage in Metro Manila and the subsequent power fluctuation under power supply by generators.	Business-World
7. 20-May-02	Euronext	n.a.	Amsterdam, Brussels and Paris markets	Technical failures.	Bloomberg News
8. 12-Feb-02	Nagoya Stock Exchange, Japan	Whole day	Nagoya Stocks and Bonds markets	Technicians made a mistake in closing down a test conducted on the previous day (a national holiday) to check the trading system before the Financial Services Agency implemented tighter regulations on stock short-selling.	Japan Economic Newswire
9. 11-Feb-02	Euronext	Delayed trading until 9:30 am from 9:00 am	Amsterdam	Technical problems.	Bloomberg News
10. 2-Jan-02	Euronext	n.a.	Quotes on index prices in Amsterdam	Data transmission problem. Trading on individual stocks continued.	Bloomberg News

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11.	9-Nov-01	Australian Stock Exchange	49 mins (2:01 pm - 2:50 pm) Pre-open allowed at 2:35 pm	Australian Stock Exchange market	A power outage in Melbourne's central business district.	AAP Newsfeed
12.	15-Oct-01	Budapest Stock Exchange, Hungary	n.a.	Budapest Stock market	A hardware problem in the trading system. The second time in a week.	Bloomberg News
13.	31-Aug-01	Euronext	1 hour 5 mins (11:25 am - 12:30 pm)	Amsterdam Stock and Derivative markets	Technical problems. The 7th time in the year.	Bloomberg News
14.	21-Aug-01	Euronext	>30 mins (resumed at 10:40 am on benchmark indices and at 10:45 am on others)	French and Belgian stocks and futures markets	Technical problems.	Bloomberg News
15.	29-Jun-01	The National Association of Securities Dealers Automated Quotation system	1st halt: 1 hour 21 mins (2:30 pm - 3:51 pm) 2nd halt: 4:12 pm - 4:25 pm for SelectNet; 4:12 pm - close for Small Order Execution System	SelectNet and Small Order Execution System	A technician ran a test that disabled trading systems. Regular trading extended by one hour to 5:00 pm.	Bloomberg News
16.	28-Jun-01	The National Association of Securities Dealers Automated Quotation system	16 mins (2:50 pm to 3:06 pm) for the quotation system; 18 mins (3:02 pm - 3:20 pm) for Small Order Execution System and SelectNet	The quotation system, Small Order Execution System and SelectNet	Not identified.	Bloomberg News, The Associated Press
17.	8-Jun-01	New York Stock Exchange	4 hours 16 mins (10:10 am - 2:26 pm)	New York Stock Exchange market	Problem on a software introduced into the NYSE trading system at the previous night.	The Sunday Gazette Mail
18.	5-Jun-01	Euronext	>1 hour, could not recover on the day	French and Belgian Stock markets	Power cuts and a failure from one of the network's elements. Closing prices could not be produced.	Bloomberg News
19.	5-Jun-01	The National Association of Securities Dealers Automated Quotation system	45 mins (9:15 am - 10:00 am)	SelectNet	A computer upgrade failed.	Bloomberg News

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20.	21-May-01	Singapore Stock Exchange	Delayed market opening	Singapore Stock Exchange market	Technical problems.	Bloomberg News
21.	23-Apr-01	Euronext	18 mins (4:03 pm - 4:20 pm)	Amsterdam Stock and Derivative markets	Technical problems.	Bloomberg News
22.	9-Mar-01	The National Association of Securities Dealers Automated Quotation system	18 mins (1:32 pm - 1:50 pm)	SelectNet and Small Order Execution System	An equipment failure when the screen-based market began to shift to decimal pricing.	Bloomberg News
23.	16-Feb-01	Toronto Stock Exchange	At least 3 times in the morning	Toronto Stock Exchange market	System overload under high trading volume.	National Post
24.	5-Feb-01	Tokyo Stock Exchange	In the morning session	Tokyo Stock index futures, Japanese Government Bond Futures and Government Bond Futures Options markets	A failure in the computer-driven trading system following previous month's shift in the JGB market to new settlement rules known as real-time gross settlement (RTGS).	Jiji Press Ticker Service
25.	4-Feb-01	Tokyo Stock Exchange	In the morning session	Tokyo Futures and Options markets	Computer problems.	Bloomberg News
26.	31-Jan-01	Toronto Stock Exchange	20 mins from 3:25 pm	Toronto Stock Exchange market	A computer problem.	The Standard
27.	26-Jan-01	London Stock Exchange	n.a.	London International Financial Futures and Options Exchange	A technical glitch was discovered overnight in the data verification system that updates information on which products are available and which dealers are authorised to trade them.	www.complinet.com
28.	11-Jan-01	Nagoya Stock Exchange, Japan	From 9:22 am - close	Nagoya Stock market	A malfunction of a computerised trading system introduced in Sep 2000.	Japan Weekly Monitor

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