

## ASX Limited – Half-Year 2013 Results Presentation

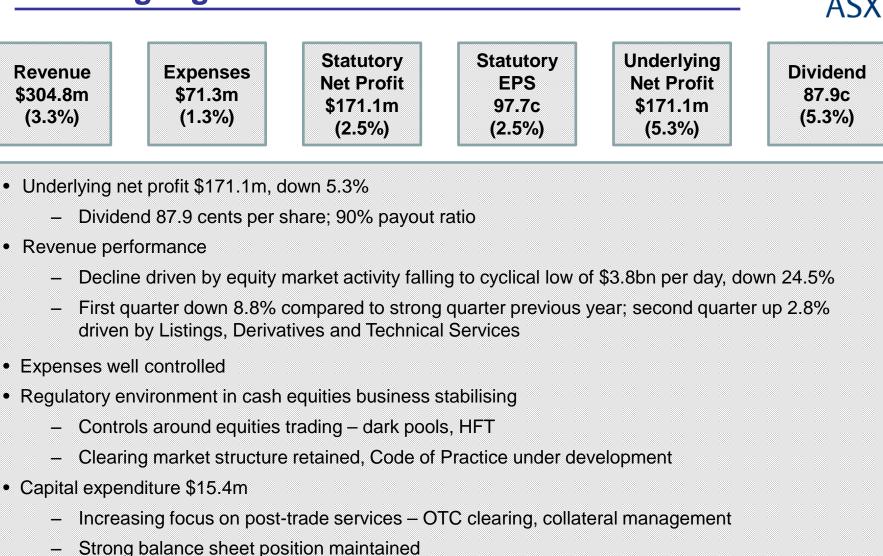
21 February 2013

# **Disclaimer**



The material contained in this document is a presentation of general information about the ASX Group's activities current as at the date of this presentation (21 February 2013). It is provided in summary and does not purport to be complete. You should not rely upon it as advice for investment purposes as it does not take into account your investment objectives, financial position or needs. These factors should be considered, with or without professional advice, when deciding if an investment is appropriate.

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# **1H13 Highlights**

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|                               | 1H13<br>\$ Million | 1H12<br>\$ Million | % Variance |
|-------------------------------|--------------------|--------------------|------------|
| Operating Revenue             | 304.8              | 315.1              | (3.3%)     |
| Cash Operating Expenses       | 71.3               | 70.4               | (1.3%)     |
| EBITDA                        | 233.5              | 244.7              | (4.6%)     |
| Depreciation and Amortisation | 15.4               | 12.9               | (19.5%)    |
| EBIT                          | 218.1              | 231.8              | (5.9%)     |
| Interest and Dividend         | 25.2               | 25.2               | -          |
| Profit Before Tax             | 243.3              | 257.0              | (5.3%)     |
| Income Tax Expense            | (72.2)             | (76.3)             | 5.4%       |
| Underlying Net Profit         | 171.1              | 180.7              | (5.3%)     |
| Significant Items After Tax   | 0.0                | (5.1)              | 100.0%     |
| Statutory Net Profit          | 171.1              | 175.6              | (2.5%)     |
| EBITDA Margin                 | 76.6%              | 77.7%              |            |

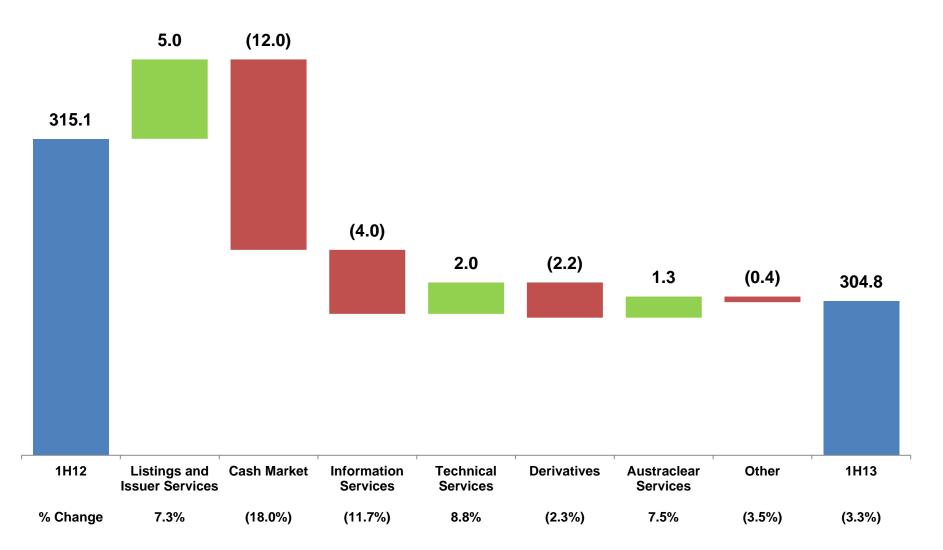
| 2H12<br>\$ Million | % Variance |
|--------------------|------------|
| 295.3              | 3.2%       |
| 70.7               | (0.9%)     |
| 224.6              | 3.9%       |
| 14.7               | (3.8%)     |
| 209.9              | 3.9%       |
| 24.6               | 2.6%       |
| 234.5              | 3.8%       |
| (69.0)             | (4.7%)     |
| 165.5              | 3.4%       |
| (1.9)              | 100.0%     |
| 163.6              | 4.6%       |
|                    |            |

76.1%

Variances expressed favourable/(unfavourable)

## **Revenue Movement (\$M)**





## **Revenue Performance by Quarter**



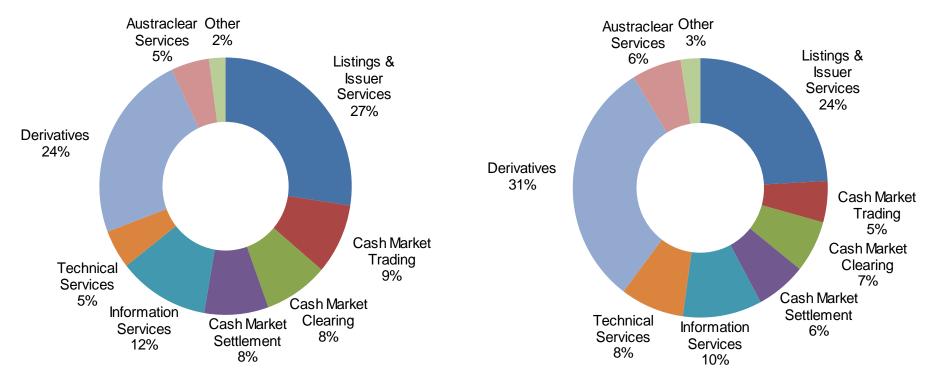
|                                 | 1Q13<br>\$ Million | % Variance<br>to PCP | 2Q13<br>\$ Million | % Variance<br>to PCP |
|---------------------------------|--------------------|----------------------|--------------------|----------------------|
| Listings and Issuer<br>Services | 33.7               | 3.4%                 | 39.9               | 10.8%                |
| Cash Market                     | 27.9               | (25.2%)              | 27.0               | (9.1%)               |
| Information Services            | 15.1               | (13.2%)              | 15.5               | (9.9%)               |
| Technical Services              | 12.1               | 8.0%                 | 12.5               | 9.6%                 |
| Derivatives                     | 48.3               | (9.4%)               | 46.0               | 6.4%                 |
| Austraclear Services            | 9.6                | 6.1%                 | 9.5                | 8.9%                 |
| Other Revenue                   | 3.7                | (9.8%)               | 3.9                | -                    |
| Operating Revenue               | 150.4              | (8.8%)               | 154.4              | 2.8%                 |

## **Revenue Profile Over 3 Years (1H10 to 1H13)**



#### 1H10 (\$302.8 million)

#### 1H13 (\$304.8 million)



| Reduced Contribution from Cash Equities |      |                      |      |  |  |  |
|---|------|----------------------|------|--|--|--|
| Derivatives                             | + 7% | Cash Markets         | - 7% |  |  |  |
| Technical Services                      | + 3% | Information Services | - 2% |  |  |  |



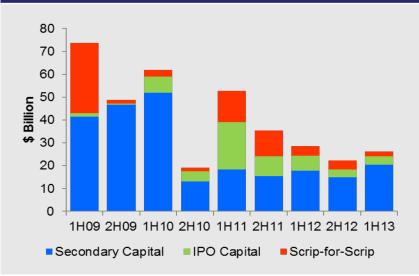
| Cash Market Trading   | Clearing and Settlement  |
|---|--|
| Market Structure  | Market Structure   |
| Changed 31 October 2011   | Review by Council of Financial Regulators  |
| <ul> <li>Best execution 1 March 2013</li> </ul>   | Announcement by Treasurer on 11 Feb 2013   |
| Investor concern around market quality  | <ul> <li>Retain market structure</li> </ul>  |
| <ul> <li>Reforms announced November 2012; further controls under review</li> <li>Dark execution</li> <li>High frequency trading</li> </ul>                              | <ul> <li>Code of Practice</li> <li>New Financial Stability Standards for clearing and settlement</li> </ul>  |
| <ul> <li>Essential to retain existing controls</li> <li>Tick sizes</li> <li>Supervision cost recovery methodology</li> </ul>  | ASX <ul> <li>Improve risk management</li> <li>Cash market margining</li> <li>CME SPAN margining engine</li> </ul>  |
| ASX   | <ul> <li>Financial Stability Standards</li> </ul>  |
| <ul> <li>1H13 ASX share of on-market traded value 96.5%</li> <li>Expansion of execution services (eg Centre Point)</li> <li>Investment in Technical Services</li> </ul> | <ul> <li>Invest in new services. Focus next 6-12 months <ul> <li>OTC derivatives clearing</li> <li>Client clearing</li> <li>Collateral management</li> </ul> </li> </ul> |



#### Revenue \$73.6 million, up 7.3%

- Listings \$60.0 million, up 6.8%
  - Secondary capital \$22.5 billion, up 3.6%
  - 41 IPOs (57 pcp)
- Issuer Services \$13.6 million, up 9.6%
- Fee review

#### **Total Capital Raised**



#### Areas of Focus

#### Listings

- Capital raising flexibility 592 AGM approvals
- Enhanced reporting for mining, oil and gas
- Int'l quotations (rejected in proposed form)

#### **Issuer Services**

• Equity research scheme pilot

#### **Product Expansion**

- Fixed income ETFs
- Australian Government Bonds

#### **Distribution / Market Efficiency**

• Managed Funds Service – 60 partners

#### **Public Policy**

Flow-through shares



#### Revenue \$54.9 million, down 18.0%

- Includes equities trading, clearing and settlement
- All Ordinaries up 12.8% since 1 July 2012
- Activity at cyclical low; total market value traded down 19.9%, ASX down 24.5%
- Average fee 1.13 bps, up 8.7%



### Trading Activity

#### Areas of Focus

#### Trading

- Centre Point enhancements
  - 4.0% of value traded, 9.6% of revenue
- On-market trading market share 96.5%
  - Best execution 1 March 2013
- Regulation of dark pools and HFT

#### Clearing

- Cash market margining from June 2013
- Market structure review completed

#### Settlement

• Fee unbundling

#### **Customer alignment**

• Revenue sharing arrangements across each business



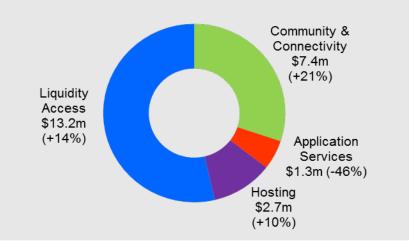
#### Information Services \$30.6 million, down 11.7%

• Retail and professional data usage declined

#### Technical Services \$24.6 million, up 8.8%

- Growth in liquidity access, community and connectivity, and hosting; 111 cabinets in ALC
- Reduction in application services revenue with fewer workstations and Fidessa revenue share





#### Areas of Focus

#### **Information Services**

- Low latency data services for futures; equities data service in place
- Redesign of service in line with user categories (retail, professional, electronic)

#### **Technical Services**

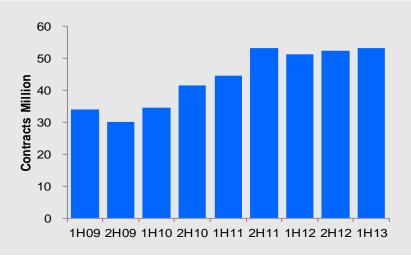
- Low latency access and data services
- ASX Best enhancements
- Global connectivity through ASX Net
- Continued data centre sales growth



#### Revenue \$94.4 million, down 2.3%

- ASX 24 Derivatives \$79.9 million, down 2.3%
- ASX Derivatives \$14.5 million, down 2.5%
- Revenue performance by quarter
  - 1Q13 revenue down 9.4% vs strong pcp
  - 2Q13 revenue up 6.4%

### ASX 24 Derivatives Volumes



#### Areas of Focus

#### **Product Development**

- VIX and sectoral futures
- Equity option market enhancements

#### **Risk Management**

• CME SPAN margining for futures

#### **OTC Markets**

 OTC Interest Rate Swaps Derivatives clearing

#### **Customer Alignment**

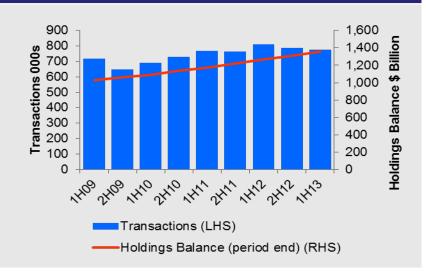
• Revenue sharing, including OTC clearing



#### Revenue \$19.1 million, up 7.5%

- Transaction revenue \$7.9 million, flat
- Holdings revenue \$3.2 million, up 18.5%
  - Average balances up 6.8%
- Registry revenue \$8.0 million, up 12.7%
- Fee review

#### Transactions and Holdings Balances



#### Areas of Focus

#### **Collateral management service**

- 2013 focus on Austraclear
- Later phases include CHESS collateral and connection to global collateral pools
- ASX joined international Liquidity Alliance to explore how collateral services could be linked cross-border



|  | 1H13<br>\$ Million | 1H12<br>\$ Million | %<br>Variance |
|--|--------------------|--------------------|---------------|
| ASX Group Interest<br>Income                     | 7.5                | 11.6               | (35.6%)       |
| Net Interest Earned<br>on Collateral<br>Balances | 14.4               | 10.3               | 40.2%         |
| Total Net Interest<br>Income                     | 21.9               | 21.9               | -             |
| Dividend Income                                  | 3.3                | 3.3                | -             |
| Interest and<br>Dividend Income                  | 25.2               | 25.2               | -             |

- Total net interest income flat
- ASX Group interest income down 35.6% due to lower interest rates
- Net interest earned on collateral balances up 40.2% due to higher balances and earning rates
  - Average cash collateral balances \$3.3 billion, up 18.9%
  - Average investment spread earned 46 bps over the official cash rate (33 bps pcp)
- IRESS dividend unchanged

## **Expenses**

|                                  | 1H13<br>\$ Million | 1H12<br>\$ Million | %<br>Variance |
|----------------------------------|--------------------|--------------------|---------------|
| Staff                            | 43.2               | 41.7               | (3.6%)        |
| Occupancy                        | 6.6                | 7.8                | 15.3%         |
| Equipment                        | 10.5               | 10.2               | (2.8%)        |
| Administration                   | 7.4                | 6.4                | (14.8%)       |
| Variable                         | 2.0                | 2.1                | 4.3%          |
| ASIC Supervision<br>Levy         | 1.6                | 2.2                | 24.6%         |
| Total Cash Operating<br>Expenses | 71.3               | 70.4               | (1.3%)        |
|                                  |                    |                    |               |
| Depreciation and<br>Amortisation | 15.4               | 12.9               | (19.5%)       |

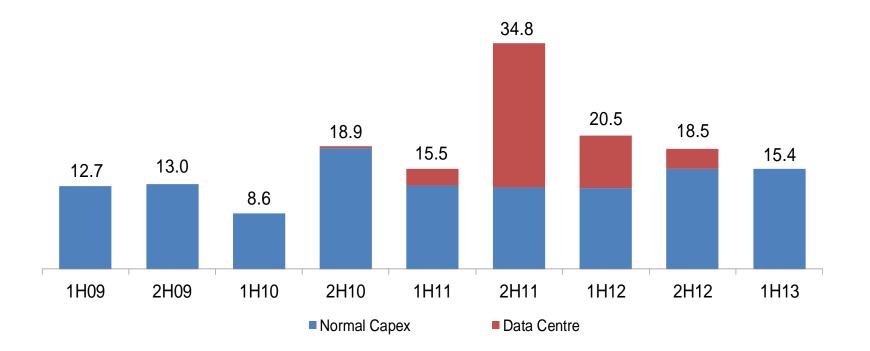
# ASX

## **Highlights**

- Total expenses up 1.3%
  - Staff: fixed remuneration and deferred incentives
    - Staff numbers up 3.8%. 518 FTEs at 31/12/12, up from 505 FTEs at 30/6/12
  - Occupancy: consolidation of office space following data centre migration
  - ASIC supervision levy: credit received related to 1H12
- Guidance FY13 expenses: up to 3.5% increase

## **Capital Expenditure (\$M)**



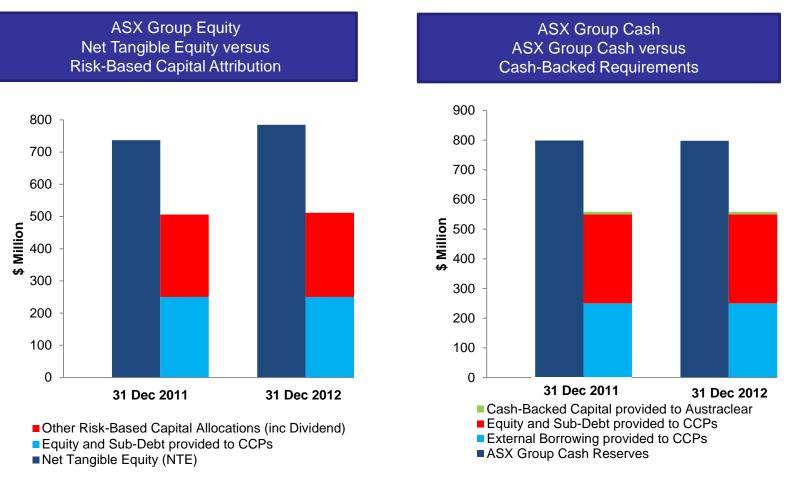


## Highlights

- Capital expenditure in 1H13 of \$15.4 million
- Guidance FY13: up to \$40 million. Uplift from initiative development

## **Capital and Liquidity Position**





- Non-attributed capital of \$407.2 million at 31 December 2012 (pre-dividend)
- Free cash surplus of \$239.4 million at 31 December 2012 (pre-dividend)

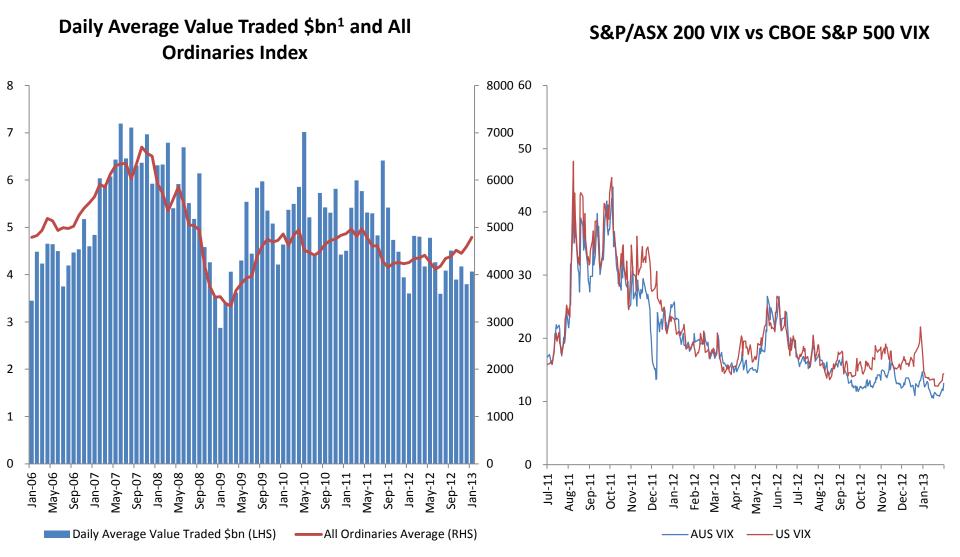
**Post Balance Date Activity (to 15 Feb)** 



- **G** Some stabilisation of the global economic environment
  - US economy showing tentative signs of improvement
  - Europe less volatile in recent months but serious structural issues remain
  - Asia showing relative strength
- **Equity market activity is yet to respond to improving conditions** 
  - Equities indices up in most markets. All Ordinaries up 22% since July 2012
  - Equities trading activity stabilised in recent weeks
- Derivative volumes holding up well with ASX 24 volumes at pre-GFC levels
- ASX trading for 7 weeks to 15 February reflects market conditions
  - Cash market average value traded per day \$3.8 billion, 4.2% below pcp
  - ASX 24 derivatives daily average volume 358,000 contracts, 16.8% above pcp
  - Total capital raised \$2 billion, up 49.3%

## **Current Market Environment**





1 Total market including on-market (ASX and CHI-X) and off-market

## **1H13 Highlights**



| Revenue<br>\$304.8m<br>(3.3%)  | Expenses<br>\$71.3m<br>(1.3%)          | Statutory<br>Net Profit<br>\$171.1m<br>(2.5%) | Statutory<br>EPS<br>97.7c<br>(2.5%) | Underlying<br>Net Profit<br>\$171.1m<br>(5.3%) | Dividend<br>87.9c<br>(5.3%) |
|--------------------------------|--|---|-------------------------------------|--|-----------------------------|
|                                | net profit \$171.1<br>and 87.9 cents p |   | ayout ratio                         |  |                             |
| Revenue pe                     | erformance                             |   |                                     |  |                             |
| – Equity                       | / market activity                      | falling to cyclical                           | low                                 |  |                             |
| – First o                      | quarter down 8.8                       | % compared to                                 | strong quarter p                    | ср   |                             |
| – Secor                        | nd quarter up 2.8                      | 3% driven by List                             | ing, Derivatives                    | , Technical Servic                             | es                          |
| • Expenses v                   | vell controlled                        |   |                                     |  |                             |
| Regulatory                     | environment in c                       | ash equities bus                              | iness stabilising                   | ]  |                             |
| <ul> <li>Investment</li> </ul> | in post-trade ser                      | vices   |                                     |  |                             |



## ASX Limited – Half-Year 2013 Results Presentation

21 February 2013

## **Appendices**

- 1. Income Statement
- 2. Balance Sheet
- 3. Key Financial Ratios
- 4. Transaction and Activity Levels
  - 4.1 Listings and Issuer Services
  - 4.2 Cash Market
  - 4.3 Information and Technical Services
  - 4.4 ASX Derivatives
  - 4.5 ASX 24 Derivatives
  - 4.6 Austraclear Services
  - 4.7 CCP Participant Collateral Balances
- 5. Free Cash Flow Summary
- 6. Risk-Based Capital



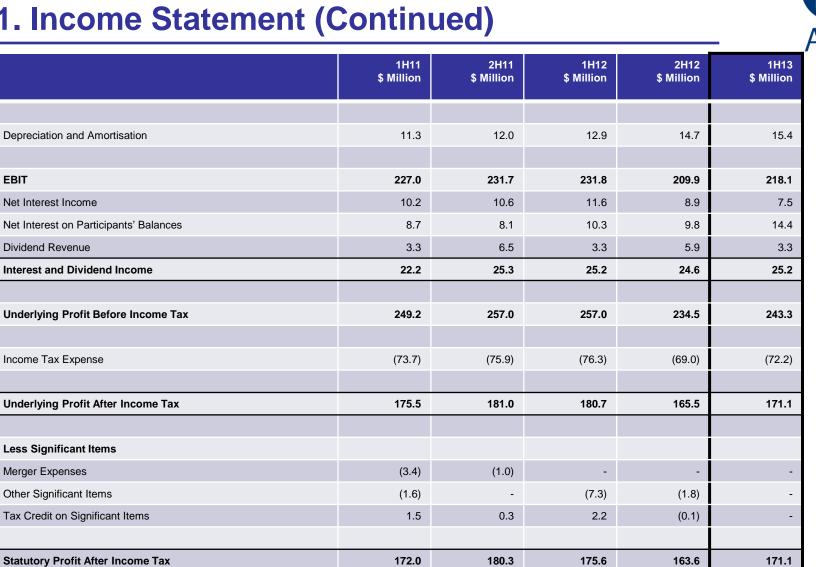
## **1. Income Statement**



|                              | 1H11<br>\$ Million | 2H11<br>\$ Million | 1H12<br>\$ Million | 2H12<br>\$ Million | 1H13<br>\$ Million |
|------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| REVENUE                      |                    |                    |                    |                    |                    |
| Listings and Issuer Services | 77.8               | 72.5               | 68.6               | 64.8               | 73.6               |
| Cash Market                  | 66.8               | 67.1               | 66.9               | 57.6               | 54.9               |
| Trading                      | 19.6               | 19.2               | 19.6               | 16.8               | 15.7               |
| Clearing                     | 25.0               | 24.6               | 25.1               | 20.8               | 19.7               |
| Settlement                   | 22.2               | 23.3               | 22.2               | 20.0               | 19.5               |
| Information Services         | 35.2               | 35.7               | 34.6               | 32.3               | 30.6               |
| Technical Services           | 18.9               | 21.4               | 22.6               | 22.7               | 24.6               |
| Derivatives                  | 82.4               | 89.8               | 96.6               | 92.1               | 94.4               |
| ASX 24 Derivatives           | 67.3               | 74.4               | 81.8               | 79.2               | 79.9               |
| ASX Derivatives              | 15.1               | 15.4               | 14.8               | 12.9               | 14.5               |
| Austraclear Services         | 16.9               | 16.9               | 17.8               | 18.2               | 19.1               |
| Other Revenue                | 8.4                | 7.7                | 8.0                | 7.6                | 7.6                |
| Operating Revenue            | 306.4              | 311.2              | 315.1              | 295.3              | 304.8              |
| EXPENSES                     |                    |                    |                    |                    |                    |
| Staff                        | 39.4               | 39.3               | 41.7               | 40.9               | 43.2               |
| Occupancy                    | 6.7                | 6.9                | 7.8                | 7.7                | 6.6                |
| Equipment                    | 10.9               | 10.4               | 10.2               | 11.4               | 10.5               |
| Administration               | 7.2                | 6.8                | 6.4                | 7.1                | 7.4                |
| Variable                     | 2.3                | 2.2                | 2.1                | 1.6                | 2.0                |
| ASIC Supervision Levy        | 1.6                | 1.8                | 2.2                | 2.0                | 1.6                |
| Cash Operating Expenses      | 68.1               | 67.5               | 70.4               | 70.7               | 71.3               |
| EBITDA                       | 238.3              | 243.7              | 244.7              | 224.6              | 233.5              |

## **1. Income Statement (Continued)**

EBIT





## **2. Balance Sheet**

|  | 31 Dec 10<br>\$ Million | 30 Jun 11<br>\$ Million | 31 Dec 11<br>\$ Million | 30 Jun 12<br>\$ Million | 31 Dec 12<br>\$ Million |
|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| Assets                                       |                         |                         |                         |                         |                         |
| Cash and Available-For-Sale Financial Assets | 3,365.2                 | 3,318.6                 | 3,841.0                 | 3,696.2                 | 4,333.9                 |
| Goodwill                                     | 2,262.8                 | 2,262.8                 | 2,262.8                 | 2,262.8                 | 2,262.8                 |
| Other Assets                                 | 492.8                   | 601.1                   | 427.8                   | 568.2                   | 571.3                   |
| Total Assets                                 | 6,120.8                 | 6,182.5                 | 6,531.6                 | 6,527.2                 | 7,168.0                 |
|  |                         |                         |                         |                         |                         |
| Liabilities                                  |                         |                         |                         |                         |                         |
| Amounts Owing to Participants                | 2,557.3                 | 2,516.4                 | 3,042.3                 | 2,939.6                 | 3,536.2                 |
| Borrowings                                   | 250.0                   | 250.0                   | 250.0                   | 250.0                   | 250.0                   |
| Other Liabilities                            | 320.5                   | 395.0                   | 239.4                   | 342.6                   | 334.1                   |
| Total Liabilities                            | 3,127.8                 | 3,161.4                 | 3,531.7                 | 3,532.2                 | 4,120.3                 |
|  |                         |                         |                         |                         |                         |
| Equity                                       |                         |                         |                         |                         |                         |
| Capital                                      | 2,483.2                 | 2,483.2                 | 2,483.2                 | 2,483.2                 | 2,483.2                 |
| Retained Earnings                            | 345.9                   | 368.3                   | 381.1                   | 382.3                   | 404.4                   |
| Reserves                                     | 163.9                   | 169.6                   | 135.6                   | 129.5                   | 160.1                   |
| Total Equity                                 | 2,993.0                 | 3,021.1                 | 2,999.9                 | 2,995.0                 | 3,047.7                 |

## **3. Key Financial Ratios**



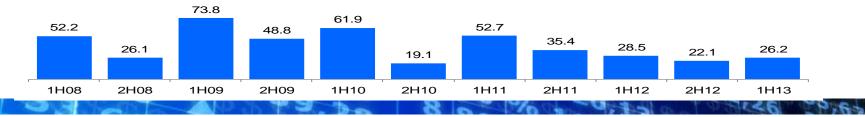
|  | 1H11        | 2H11        | 1H12        | 2H12        | 1H13        |
|--|-------------|-------------|-------------|-------------|-------------|
| Basic EPS (including significant items)  | 98.6c       | 103.0c      | 100.2c      | 93.5c       | 97.7c       |
| Diluted EPS (including significant items)                                      | 98.6c       | 103.0c      | 100.2c      | 93.5c       | 97.7c       |
| Underlying EPS (excluding significant items)                                   | 100.7c      | 103.4c      | 103.2c      | 94.4c       | 97.7c       |
| Dividends per share - interim  | 90.2c       | -           | 92.8c       | -           | 87.9c       |
| Dividends per share - final  | -           | 93.0c       | -           | 85.1c       | -           |
| Statutory return on equity (including significant items) (annualised)          | 11.8%       | 12.1%       | 11.8%       | 11.5%       | 11.5%       |
| Underlying return on equity (annualised)                                       | 12.1%       | 12.2%       | 12.2%       | 11.7%       | 11.5%       |
| EBITDA / Operating revenue   | 77.8%       | 78.3%       | 77.7%       | 76.9%       | 76.6%       |
| EBIT / Operating revenue   | 74.1%       | 74.5%       | 73.6%       | 72.4%       | 71.6%       |
| Total expenses (including depreciation and amortisation) / Operating revenue   | 25.9%       | 25.5%       | 26.4%       | 27.6%       | 28.4%       |
| Capital expenditure (\$m)  | \$15.5      | \$34.8      | \$20.5      | \$18.5      | \$15.4      |
| Net tangible asset backing per share   | \$3.85      | \$4.01      | \$3.91      | \$3.85      | \$4.12      |
| Net asset backing per share  | \$17.09     | \$17.25     | \$17.13     | \$17.10     | \$17.40     |
| Shareholders' equity as a % of total assets (excluding participants' balances) | 84.0%       | 82.4%       | 86.0%       | 83.5%       | 83.9%       |
| Shareholders' equity as a % of total assets (including participants' balances) | 48.9%       | 48.9%       | 45.9%       | 45.9%       | 42.5%       |
| Share price at end of period   | \$37.68     | \$30.45     | \$30.53     | \$29.82     | \$31.21     |
| Ordinary shares on issue at end of period                                      | 175,136,729 | 175,136,729 | 175,136,729 | 175,136,729 | 175,136,729 |
| Weighted average number of ordinary shares                                     | 174,390,445 | 175,136,729 | 175,136,729 | 175,136,729 | 175,136,729 |
| Market value of ordinary shares on issue (\$m)                                 | \$6,599     | \$5,333     | \$5,347     | \$5,223     | \$5,466     |
| Market-to-book ratio   | 2.20        | 1.77        | 1.78        | 1.71        | 1.79        |
| Full-time equivalent permanent staff   |             |             |             |             |             |
| - number at period end   | 501         | 502         | 499         | 505         | 518         |
| - average during the period  | 505         | 505         | 502         | 502         | 511         |

## 4.1 Listings and Issuer Services



|  | 1H11     | 2H11     | 1H12     | 2H12     | 1H13     |
|--|----------|----------|----------|----------|----------|
| Annual listings revenue (\$m)  | \$28.5   | \$29.3   | \$30.2   | \$30.4   | \$29.9   |
| Initial listings revenue (\$m)   | \$8.2    | \$4.9    | \$3.7    | \$2.5    | \$3.4    |
| Secondary listings revenue (\$m)   | \$23.9   | \$20.7   | \$17.7   | \$16.7   | \$22.8   |
| Other listings revenue (including structured products revenue) (\$m)         | \$3.0    | \$3.6    | \$4.6    | \$4.1    | \$3.9    |
| Issuer services revenue (\$m)  | \$14.2   | \$14.1   | \$12.5   | \$11.0   | \$13.6   |
| Total domestic market capitalisation (\$bn) – period end                     | \$1,419  | \$1,349  | \$1,169  | \$1,186  | \$1,336  |
| Total number of listed entities (includes all stapled entities) - period end | 2,216    | 2,247    | 2,222    | 2,211    | 2,188    |
| Number of new listings   | 84       | 75       | 57       | 42       | 41       |
| Average annual listing fee   | \$12,981 | \$13,412 | \$13,531 | \$13,750 | \$13,548 |
| Average initial listing fee  | \$97,994 | \$64,038 | \$65,342 | \$60,199 | \$82,852 |
| Average fee per \$m of secondary capital                                     | \$746    | \$776    | \$813    | \$896    | \$1,102  |
| Initial capital raised (\$m)   | \$20,613 | \$8,774  | \$6,729  | \$3,458  | \$3,688  |
| Secondary capital raised (\$m)   | \$18,368 | \$15,377 | \$17,725 | \$14,832 | \$20,330 |
| Other secondary capital raised including scrip-for-scrip (\$m)               | \$13,685 | \$11,263 | \$4,011  | \$3,841  | \$2,188  |
| Total capital raised (including other) (\$m)                                 | \$52,666 | \$35,414 | \$28,466 | \$22,131 | \$26,206 |
| Number of new warrant series quoted  | 1,148    | 1,674    | 4,280    | 2,838    | 3,475    |
| Total warrant series quoted  | 2,212    | 2,409    | 4,415    | 4,743    | 5,498    |
| Number of CHESS holding statements issued (m)                                | 7.3      | 6.8      | 6.4      | 4.8      | 5.8      |

#### Total capital raised (including other) (\$bn)

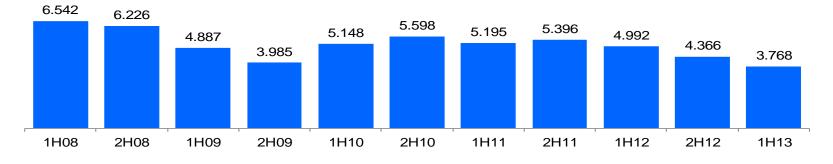


## 4.2 Cash Market



|  | 1H11      | 2H11      | 1H12      | 2H12      | 1H13      |
|--|-----------|-----------|-----------|-----------|-----------|
| Trading days   | 130       | 123       | 129       | 124       | 129       |
| Total cash market trades ('000)                                    | 70,180    | 74,141    | 87,025    | 78,781    | 76,283    |
| Average daily cash market trades                                   | 539,850   | 602,772   | 674,609   | 635,333   | 591,341   |
| Open trading value traded (\$bn)                                   | \$401.715 | \$401.798 | \$386.180 | \$321.700 | \$296.089 |
| Auctions trading value traded (\$bn)                               | \$76.182  | \$80.133  | \$76.967  | \$70.247  | \$69.303  |
| Centre Point value traded (\$bn)                                   | \$1.713   | \$2.987   | \$7.839   | \$11.950  | \$15.048  |
| Trade reporting value traded (\$bn)                                | \$195.777 | \$178.835 | \$162.922 | \$137.522 | \$105.606 |
| Total cash market value traded (including crossings) (\$bn)        | \$675.387 | \$663.753 | \$643.908 | \$541.419 | \$486.046 |
| Average daily cash market value (including crossings) (\$bn)       | \$5.195   | \$5.396   | \$4.992   | \$4.366   | \$3.768   |
| Average trade size (\$)  | \$9,624   | \$8,953   | \$7,399   | \$6,872   | \$6,372   |
| Total billable value (\$bn)  | \$654.147 | \$646.579 | \$628.837 | \$532,736 | \$475,963 |
| Average cash market trading, clearing and settlement fee per trade | \$0.95    | \$0.90    | \$0.78    | \$0.73    | \$0.72    |
| Average fee per dollar of value traded (bps)                       | 0.99      | 1.01      | 1.04      | 1.07      | 1.13      |
| Velocity (total value traded / average market capitalisation)      | 100%      | 94%       | 105%      | 88%       | 76%       |
| Number of dominant settlement messages (m)                         | 8.2       | 8.6       | 8.5       | 7.6       | 7.5       |

#### Average daily cash market value (\$bn)





## **4.3 Information and Technical Services**

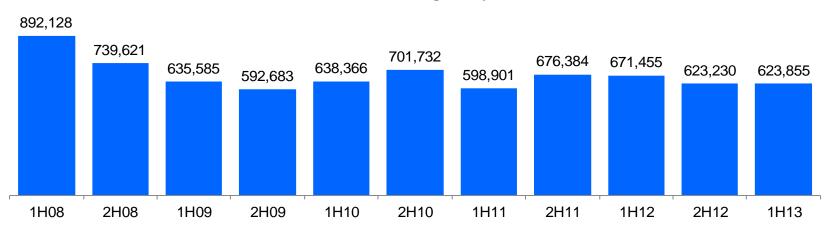
|   | 1H11   | 2H11   | 1H12   | 2H12   | 1H13   |
|---|--------|--------|--------|--------|--------|
| Technical Services – Liquidity Access                               |        |        |        |        |        |
| No. of ASX sessions – period end                                    | 1,727  | 1,737  | 1,786  | 1,703  | 1,625  |
| No. of ASX gateways - period end                                    | 401    | 321    | 331    | 302    | 267    |
| No. of ASX liquidity cross connects – period end                    | 70     | 71     | 78     | 75     | 70     |
| No. of ASX 24 gateways (including sessions) - period end            | 409    | 431    | 491    | 352    | 323    |
| No. of ASX 24 liquidity cross connects – period end                 | N/A    | N/A    | N/A    | 154    | 202    |
|   |        |        |        |        |        |
| Technical Services – Community and Connectivity                     |        |        |        |        |        |
| No. ASX Net connections- period end                                 | 42     | 134    | 136    | 125    | 147    |
| No. of ASX Net service feeds – period end                           | 76     | 189    | 257    | 270    | 301    |
| No. of Australian Liquidity Centre service connections - period end | N/A    | N/A    | N/A    | 110    | 365    |
|   |        |        |        |        |        |
| Technical Services – Application Services                           |        |        |        |        |        |
| No. of ASX trader workstations – period end                         | 727    | 743    | 683    | 609    | 553    |
|   |        |        |        |        |        |
| Technical Services – Hosting  |        |        |        |        |        |
| Australian Liquidity Centre cabinets – period end                   | N/A    | N/A    | N/A    | 76     | 111    |
| Other data centre cabinets – period end                             | 53     | 68     | 62     | 8      | 6      |
|   |        |        |        |        |        |
| Information Services  |        |        |        |        |        |
| ASX terminals – monthly average                                     | 67,464 | 67,702 | 60,781 | 52,673 | 49,962 |
| ASX 24 terminals – monthly average                                  | 18,268 | 18,963 | 19,412 | 19,741 | 19,051 |

## **4.4 ASX Derivatives**



|  | 1H11    | 2H11    | 1H12    | 2H12    | 1H13    |
|--|---------|---------|---------|---------|---------|
| Trading days (ASX)   | 130     | 123     | 129     | 124     | 129     |
| Total contracts ('000)   | 77,857  | 83,195  | 86,618  | 77,280  | 80,477  |
| Average daily derivatives contracts  | 598,901 | 676,384 | 671,455 | 623,230 | 623,855 |
| Average fee per derivatives contract   | \$0.19  | \$0.18  | \$0.17  | \$0.17  | \$0.18  |
|  |         |         |         |         |         |
| Total contracts ('000)   |         |         |         |         |         |
| Equity options   | 74,579  | 78,974  | 79,930  | 71,688  | 74,309  |
| Index options and futures  | 2,958   | 4,058   | 6,534   | 5,592   | 6,168   |
| Grains futures and options on futures (transferred to ASX 24 platform in Oct 11) | 320     | 163     | 154     | -       | -       |
| Total contracts  | 77,857  | 83,195  | 86,618  | 77,280  | 80,477  |

**ASX Derivatives average daily contracts** 



# ASX

## 4.5 ASX 24 Derivatives

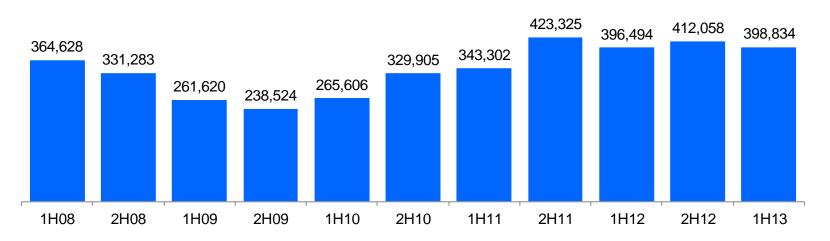
|                                  | 1H11   | 2H11   | 1H12   | 2H12   | 1H13   |
|----------------------------------|--------|--------|--------|--------|--------|
| Trading days (ASX 24)            | 130    | 126    | 129    | 124    | 129    |
| Total contracts - futures ('000) |        |        |        |        |        |
| ASX SPI 200                      | 5,055  | 5,451  | 6,680  | 5,132  | 4,894  |
| 90 day bank bills                | 8,906  | 11,823 | 10,568 | 11,084 | 10,298 |
| 3 year bonds                     | 17,665 | 21,167 | 20,497 | 22,005 | 22,006 |
| 10 year bonds                    | 7,347  | 7,883  | 8,074  | 9,146  | 9,325  |
| 30 day interbank cash rate       | 2,939  | 3,257  | 3,040  | 2,294  | 2,205  |
| Agricultural                     | 3      | 4      | 120    | 169    | 236    |
| Electricity                      | 111    | 99     | 113    | 70     | 97     |
| Other                            | <1     | <1     | <1     | 5      | 7      |
| NZD 90 day bank bill             | 589    | 1,105  | 915    | 682    | 627    |
| Total futures                    | 42,615 | 50,789 | 50,007 | 50,587 | 49,695 |

## 4.5 ASX 24 Derivatives (Continued)



|   | 1H11    | 2H11    | 1H12    | 2H12    | 1H13    |
|---|---------|---------|---------|---------|---------|
| Total contracts - options on futures ('000)                 |         |         |         |         |         |
| ASX SPI 200   | 183     | 196     | 227     | 250     | 192     |
| 90 day bank bills   | 23      | 29      | 25      | 0       | 7       |
| 3 year bonds  | 128     | 434     | 76      | 271     | 256     |
| Overnight 3 year bonds                                      | 994     | 1,045   | 388     | 641     | 742     |
| Intra-day 3 year bonds                                      | 672     | 831     | 418     | 561     | 536     |
| Other   | 14      | 15      | 7       | 22      | 22      |
| Total options on futures                                    | 2,014   | 2,550   | 1,141   | 1,745   | 1,755   |
| Total futures and options on futures contract volume ('000) | 44,629  | 53,339  | 51,148  | 52,331  | 51,450  |
| Daily average contracts - futures and options               | 343,302 | 423,325 | 396,494 | 412,058 | 398,834 |
| Average fee per contract - futures and options              | \$1.51  | \$1.39  | \$1.60  | \$1.52  | \$1.55  |

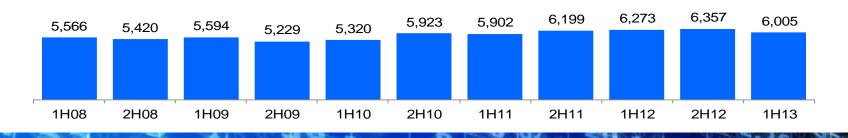
#### ASX 24 Derivatives average daily contracts



## **4.6 Austraclear Services**

|   | 1H11      | 2H11      | 1H12      | 2H12      | 1H13      |
|---|-----------|-----------|-----------|-----------|-----------|
| Transactions revenue (\$m)  | \$7.4     | \$7.4     | \$8.0     | \$8.0     | \$7.9     |
| Holdings revenue (\$m)  | \$2.7     | \$2.7     | \$2.7     | \$3.0     | \$3.2     |
| Registry revenue (\$m)  | \$6.8     | \$6.8     | \$7.1     | \$7.3     | \$8.0     |
| Settlement days   | 130       | 123       | 129       | 124       | 129       |
| Transactions ('000)   |           |           |           |           |           |
| Cash transfers  | 315       | 299       | 321       | 295       | 294       |
| Fixed interest securities   | 306       | 332       | 358       | 376       | 371       |
| Discount securities   | 126       | 111       | 115       | 102       | 94        |
| Foreign exchange  | 16        | 15        | 11        | 10        | 10        |
| Other   | 5         | 6         | 4         | 5         | 6         |
| Total transactions  | 768       | 763       | 809       | 788       | 775       |
| Average daily settlement volume   | 5,902     | 6,199     | 6,273     | 6,357     | 6,005     |
| Securities holdings (monthly average \$bn)  | \$1,169.4 | \$1,221.4 | \$1,271.1 | \$1,313.4 | \$1,357.8 |
| Securities holdings (period end \$bn)   | \$1,201.8 | \$1,242.7 | \$1,289.2 | \$1,330.9 | \$1,375.8 |
| Average settlement and depository fee (including portfolio holdings) per transaction (excludes registry services revenue) | \$13.13   | \$13.21   | \$13.16   | \$13.95   | \$14.28   |

#### Austraclear average daily settlement volume



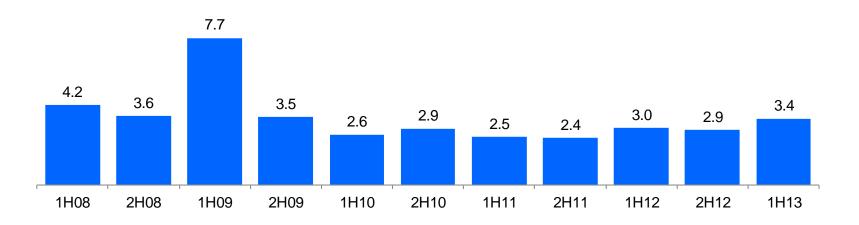




## **4.7 CCP Participant Collateral Balances**

|  | 1H11<br>\$ Million | 2H11<br>\$ Million | 1H12<br>\$ Million | 2H12<br>\$ Million | 1H13<br>\$ Million |
|--|--------------------|--------------------|--------------------|--------------------|--------------------|
| ASX Clear - initial margins (cash) - period end                                  | 251.4              | 290.6              | 258.7              | 254.5              | 289.5              |
| ASX Clear (Futures) - initial margins House - period end                         | 629.0              | 495.3              | 779.8              | 686.6              | 1,032.0            |
| ASX Clear (Futures) – initial margins Client – period end                        | 1,248.5            | 1,280.0            | 1,607.3            | 1,574.7            | 1,794.8            |
| ASX Clear (Futures) – additional and excess – period end                         | 344.3              | 368.0              | 308.2              | 337.7              | 330.0              |
| Total margins held on balance sheet – period end                                 | 2,473.2            | 2,433.9            | 2,954.0            | 2,853.5            | 3,446.3            |
|  |                    |                    |                    |                    |                    |
| Average daily margin balance during the period                                   | 2,562.9            | 2,275.8            | 2,747.0            | 2,416.3            | 3,265.6            |
|  |                    |                    |                    |                    |                    |
| ASX Clear – guarantees and equity collateral held off balance sheet – period end | 4,164.7            | 4,210.8            | 3,867.4            | 3,907.4            | 4,047.9            |

#### Total margins held on balance sheet (\$ billion) (at period end)



# ASX

## **5. Free Cash Flow Summary**

| ASX Group Cash                             | 1H11<br>\$ Million | 2H11<br>\$ Million | 1H12<br>\$ Million | 2H12<br>\$ Million | 1H13<br>\$ Million |
|--|--------------------|--------------------|--------------------|--------------------|--------------------|
| Total cash and short-term investments      | 3,365.2            | 3,318.6            | 3,841.0            | 3,696.1            | 4,333.9            |
| Less participants' margins and commitments | (2,557.3)          | (2,516.4)          | (3,042.3)          | (2,939.6)          | (3,536.2)          |
| ASX Group own cash reserves                | 807.9              | 802.2              | 798.7              | 756.6              | 797.7              |
|  |                    |                    |                    |                    |                    |
| Less specific own cash allocations         | (558.3)            | (558.3)            | (558.3)            | (558.3)            | (558.3)            |
|  |                    |                    |                    |                    |                    |
| Available free cash (liquidity)            | 249.6              | 243.9              | 240.4              | 198.2              | 239.4              |

| Free Cash Flow                                      | 1H11<br>\$ Million | 2H11<br>\$ Million | 1H12<br>\$ Million | 2H12<br>\$ Million | 1H13<br>\$ Million |
|---|--------------------|--------------------|--------------------|--------------------|--------------------|
| Free cash flow at period open                       | 168.3              | 249.6              | 243.9              | 240.4              | 198.2              |
| Add:  |                    |                    |                    |                    |                    |
| Cash generated from business activities             | 197.0              | 184.4              | 184.2              | 143.4              | 207.3              |
| Cash from dividend reinvestment plans               | 45.8               | -                  | -                  | -                  | -                  |
| Cash from increase in borrowings                    |                    |                    |                    |                    |                    |
| Less:   |                    |                    |                    |                    |                    |
| Cash used for payment of dividends                  | (145.7)            | (157.9)            | (162.8)            | (162.4)            | (149.0)            |
| Cash used for investments                           | (15.8)             | (31.4)             | (24.9)             | (23.2)             | (17.1)             |
| Cash used for employee share plans                  | -                  | (0.8)              | -                  | -                  | -                  |
| Increase in ASX Limited stand-by liquidity facility |                    |                    |                    |                    |                    |
| Free cash flow at period end                        | 249.6              | 243.9              | 240.4              | 198.2              | 239.4              |

## 6. Risk-Based Capital



| ASX Group Equity                                    | 1H11<br>\$ Million | 2H11<br>\$ Million | 1H12<br>\$ Million | 2H12<br>\$ Million | 1H13<br>\$ Million |
|---|--------------------|--------------------|--------------------|--------------------|--------------------|
| Shareholders equity                                 | 2,993.0            | 3,021.1            | 2,999.9            | 2,995.0            | 3,047.7            |
| Less goodwill                                       | (2,262.8)          | (2,262.8)          | (2,262.8)          | (2,262.8)          | (2,262.8)          |
| Net   | 730.2              | 758.3              | 737.1              | 732.2              | 784.9              |
| Risk-based capital attribution:                     |                    |                    |                    |                    |                    |
| Clearing participant default risk                   | 250.0              | 250.0              | 250.0              | 250.0              | 250.0              |
| Investment, operational and fixed-asset risk        | 123.0              | 126.4              | 113.6              | 115.1              | 127.7              |
| Total risk-based capital attribution                | 373.0              | 376.4              | 363.6              | 365.1              | 377.7              |
| Non-attributed capital position                     | 357.2              | 381.9              | 373.5              | 367.1              | 407.2              |
| Less dividend payable                               | (158.0)            | (162.9)            | (162.5)            | (149.0)            | (154.0)            |
| Non-attributed capital after provision for dividend | 199.2              | 219.0              | 211.0              | 218.1              | 253.2              |



## ASX Limited – Half-Year 2013 Results Presentation

21 February 2013