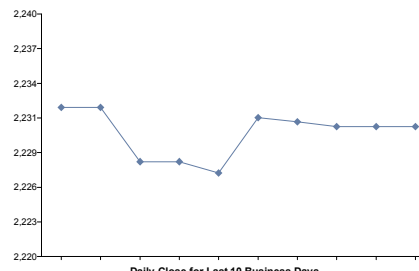


| Royal Gazette / BSX Index                                                       |  |  |  | RG / BSX Index      |          | BSX Insurance Index                                                               |  |  |  |
|---------------------------------------------------------------------------------|--|--|--|---------------------|----------|-----------------------------------------------------------------------------------|--|--|--|
|  |  |  |  | Close               | 2,230.73 |  |  |  |  |
|                                                                                 |  |  |  | Chg                 | 0.00     |                                                                                   |  |  |  |
|                                                                                 |  |  |  | % Chg               | 0.00%    |                                                                                   |  |  |  |
|                                                                                 |  |  |  | High                | 5382.06  |                                                                                   |  |  |  |
|                                                                                 |  |  |  | Low                 | 896.13   |                                                                                   |  |  |  |
|                                                                                 |  |  |  | BSX Insurance Index |          |                                                                                   |  |  |  |
|                                                                                 |  |  |  | Close               | 0.00     |                                                                                   |  |  |  |
|                                                                                 |  |  |  | Chg                 |          |                                                                                   |  |  |  |
|                                                                                 |  |  |  | % Chg               | 0.00%    |                                                                                   |  |  |  |

| Share Volume |   | Turnover    |      | Totals   |      | # of Changes |    |
|--------------|---|-------------|------|----------|------|--------------|----|
| Shares BD    | 0 | Shares BD\$ | 0.00 | Vol. BD  | 0    | Advances     | 0  |
| Bonds BD     | 0 | Bonds BD\$  | 0.00 | Vol. US  | 0    | Declines     | 0  |
| Shares US    | 0 | Shares US\$ | 0.00 | Turn. BD | 0.00 | Unchanged    | 64 |
| Bonds US     | 0 | Bonds US\$  | 0.00 | Turn. US | 0.00 |              |    |

| Domestic Companies                              |       |       |       |     |         |       |          |            |       |               |           |            |            |           |
|-------------------------------------------------|-------|-------|-------|-----|---------|-------|----------|------------|-------|---------------|-----------|------------|------------|-----------|
|                                                 | Bid   | Ask   | Close | Vol | Net Chg | % Chg | PE Ratio | Price Book | Yield | Mkt Cap       | Prev Date | Prev Trade | 52 Wk High | 52 Wk Low |
| <b>Banks &amp; Other Financial Institutions</b> |       |       |       |     |         |       |          |            |       |               |           |            |            |           |
| Bank of N.T. Butterfield Ltd. *                 | 30.05 | 34.00 | -     | 0   | -       | 0 %   | 9.15     | 1.53       | 0.13  | 1,497,340,530 | 05-Jul-22 | 30.00      | 40.50      | 29.50     |
| Somers Limited. *                               | 18.05 |       | -     | 0   | -       | 0 %   | 2.08     | 0.69       | 2.21  | 423,774,594   | 31-Mar-22 | 19.00      | 19.00      | 18.01     |
| LOM Financial Limited                           | 5.15  | 6.00  | -     | 0   | -       | 0 %   | 23.41    | 1.40       | 0.00  | 26,593,045    | 29-Apr-22 | 5.15       | 5.75       | 5.15      |
| <b>Consumer</b>                                 |       |       |       |     |         |       |          |            |       |               |           |            |            |           |
| Devonshire Industries Ltd. +                    | 2.20  | 4.90  | -     | 0   | -       | 0 %   | 12.50    | 0.66       | 14.29 | 1,544,813     | 09-Feb-22 | 3.50       | 3.75       | 3.50      |
| <b>Corporate Issue</b>                          |       |       |       |     |         |       |          |            |       |               |           |            |            |           |
| G2D Investments, Ltd.                           |       |       | -     | 0   | -       | 0 %   | -        | -          | 0.00  |               | 03-Mar-21 |            |            |           |
| Iris Financial Services Limited                 |       |       | -     | 0   | -       | 0 %   | -        | -          | 0.00  |               | 03-Mar-21 |            |            |           |
| <b>Insurance</b>                                |       |       |       |     |         |       |          |            |       |               |           |            |            |           |
| Argus Group Holdings Ltd.                       | 6.30  | 6.35  | -     | 0   | -       | 0 %   | 13.40    | 0.91       | 2.54  | 135,817,334   | 12-Jul-22 | 6.30       | 6.45       | 4.76      |
| BF&M Ltd. *                                     | 22.75 | 25.85 | -     | 0   | -       | 0 %   | 8.19     | 0.67       | 3.78  | 210,958,364   | 13-Jul-22 | 23.25      | 24.00      | 13.79     |
| <b>Media, Printing and Publishing</b>           |       |       |       |     |         |       |          |            |       |               |           |            |            |           |
| Bermuda Press (Holdings) Ltd. *                 | 4.30  | 8.00  | -     | 0   | -       | 0 %   | 39.58    | 0.26       | 4.42  | 6,785,104     | 15-Jul-22 | 4.75       | 5.00       | 4.25      |
| <b>Real Estate</b>                              |       |       |       |     |         |       |          |            |       |               |           |            |            |           |
| West Hamilton Holdings Ltd. +                   | 3.00  | 6.00  | -     | 0   | -       | 0 %   | 1.73     | 0.29       |       | 11,633,612    | 18-Jul-22 | 4.00       | 4.21       | 4.00      |
| <b>Transportation</b>                           |       |       |       |     |         |       |          |            |       |               |           |            |            |           |
| Bermuda Aviation Services Ltd. +                | 1.05  | 2.75  | -     | 0   | -       | 0 %   | -        | 0.34       | 15.38 | 6,398,991     | 12-Jul-22 | 1.30       | 1.80       | 1.05      |
| Polaris Holding Co. Ltd                         | 3.10  | 8.95  | -     | 0   | -       | 0 %   | 57.14    | 0.84       | 1.88  | 9,497,056     | 04-Jul-22 | 8.00       | 8.00       | 8.00      |
| <b>Utilities</b>                                |       |       |       |     |         |       |          |            |       |               |           |            |            |           |
| Watlington Waterworks Ltd. +                    | 29.05 | 31.00 | -     | 0   | -       | 0 %   | 19.02    | 0.89       | 1.55  | 33,250,073    | 06-Jul-22 | 31.00      | 33.00      | 29.50     |
| <b>Government Debt</b>                          |       |       |       |     |         |       |          |            |       |               |           |            |            |           |
| BDA - Reg S - 5.603% Sen Nts - 20JUL20          |       |       | -     | 0   | -       | 0 %   | -        | -          | 0.00  |               | 23-Jun-09 |            |            |           |
| BDA - 144A - 5.603% Sen Nts - 20JUL20           |       |       | -     | 0   | -       | 0 %   | -        | -          | 0.00  |               | 23-Jun-09 |            |            |           |
| Government of Bermuda - BMD\$50m 4.75%          |       |       | -     | 0   | -       | 0 %   | -        | -          | 0.00  | 4,907,075,000 | 10-Aug-20 | 98.14      |            |           |
| BDA - 144A - 4.854% Sen Nts - 06FEB24           |       |       | -     | 0   | -       | 0 %   | -        | -          | 0.00  |               | 10-Aug-20 |            |            |           |
| BDA - Reg S - 4.854% Sen Nts - 06FEB24          |       |       | -     | 0   | -       | 0 %   | -        | -          | 0.00  |               | 10-Aug-20 |            |            |           |
| BDA - 144A - 4.138% Sen Nts - 03JAN23           |       |       | -     | 0   | -       | 0 %   | -        | -          | 0.00  |               | 10-Aug-20 |            |            |           |
| BDA - Reg S - 4.138% Sen Nts - 03JAN23          |       |       | -     | 0   | -       | 0 %   | -        | -          | 0.00  |               | 10-Aug-20 |            |            |           |

| Dividend Information |            |            |            |        | Dividend Information            |            |            |            |        |
|----------------------|------------|------------|------------|--------|---------------------------------|------------|------------|------------|--------|
| Stock                | Ex-Date    | Record     | Pay Date   | Amount | Stock                           | Ex-Date    | Record     | Pay Date   | Amount |
| BF&M Ltd. *          | 06/29/2022 | 06/30/2022 | 07/15/2022 | 0.24   | Somers Limited. *               | 07/14/2022 | 07/15/2022 | 07/25/2022 | 0.24   |
|                      |            |            |            |        | Bermuda Press (Holdings) Ltd. * | 06/29/2022 | 06/30/2022 | 07/15/2022 | 0.07   |

| International Companies                         |       |       |       |     | Net | %   |          | Primary  | Market | Price    |            |
|-------------------------------------------------|-------|-------|-------|-----|-----|-----|----------|----------|--------|----------|------------|
|                                                 | Bid   | Ask   | Close | Vol | Chg | Chg | High     | Low      |        | Close    | Vol        |
| Abbey Capital Limited                           |       |       | -     | 0   | -   | -   | 0.00     | 0.00     |        | 0.00     | 0          |
| Advanced Investment Holdings Ltd. Class B       |       |       | -     | 0   | -   | -   |          |          |        |          |            |
| Advanced Investment Holdings Limited - Class A  |       |       | -     | 0   | -   | -   |          |          |        |          |            |
| Affinity International Ltd.                     |       |       | -     | 0   | -   | -   |          |          |        |          |            |
| Annuity Life and Re (Holdings) Ltd.             |       |       | -     | 0   | -   | -   |          |          |        |          |            |
| Apollo Enterprise Solutions - Warrants          |       |       | -     | 0   | -   | -   |          |          |        |          |            |
| Apollo Enterprise Solutions Ltd - Common Share  |       |       | -     | 0   | -   | -   |          |          |        | 0.02     |            |
| Caribbean Investment Holdings Limited           |       |       | -     | 0   | -   | -   |          |          |        | 0.10     | 7,800      |
| CATCo Reinsurance Opportunities Fund - New S    |       |       | -     | 0   | -   | -   |          |          |        |          |            |
| CATCo Reinsurance Opportunities Fund - Ord SI   |       |       | -     | 0   | -   | -   | 0.93     | 0.93     |        | 0.93     | 49,295     |
| Cleanthes Investors Ltd.                        |       |       | -     | 0   | -   | -   |          |          |        |          |            |
| Concilium Limited                               |       |       | -     | 0   | -   | -   |          |          |        |          |            |
| Dairy Farm International Holdings Ltd.          |       |       | -     | 0   | -   | -   | 4.45     | 4.39     |        | 4.40     | 671,500    |
| Florida Peninsula Holdings, LLC Variable Rate S |       |       | -     | 0   | -   | -   |          |          |        |          |            |
| Hashdrex Nasdaq Ethereum ETF                    |       |       | -     | 0   | -   | -   |          |          |        |          |            |
| Hashdrex Nasdaq Bitcoin ETF                     |       |       | -     | 0   | -   | -   |          |          |        |          |            |
| Hashdrex Nasdaq Crypto Index ETF                |       |       | -     | 0   | -   | -   |          |          |        |          |            |
| Hongkong Land Hldgs Ltd.                        |       |       | -     | 0   | -   | -   |          |          |        | 4.90     | 4,388,600  |
| HSBC Holdings plc                               |       | 4.95  | -     | 0   | -   | -   | 452.05   | 444.80   |        | 450.20   | 29,720,820 |
| IBIM Africa Holdings Limited                    |       | -     | -     | 0   | -   | -   |          |          |        |          |            |
| Jardine Matheson Holdings Ltd.                  | 51.88 | 55.24 | -     | 0   | -   | -   | 64.68    | 63.25    |        | 64.49    | 1,083,900  |
| Lancashire Holdings Limited                     | -     | -     | -     | 0   | -   | -   | 634.50   | 625.50   |        | 625.50   | 446,584    |
| Mandarin Oriental International Ltd.            |       | -     | -     | 0   | -   | -   | 1.94     | 1.92     |        | 1.93     | 59,000     |
| Moneda Chile Fund Limited                       |       | -     | -     | 0   | -   | -   |          |          |        |          |            |
| Nordica Life (Bermuda) Ltd.                     |       | -     | -     | 0   | -   | -   | 0.00     | 0.00     |        | 0.00     | 0          |
| Ocean Wilson Holdings Ltd.                      |       | -     | -     | 0   | -   | -   | 945.00   | 945.00   |        | 945.00   | 200        |
| Shore Capital Group Ltd.                        | 1.80  | 2.20  | -     | 0   | -   | -   |          |          |        |          |            |
| Sirius International UK Holdings II Ltd.        |       | -     | -     | 0   | -   | -   |          |          |        |          |            |
| Solo Properties(Knightbridge) Ltd               |       | -     | -     | 0   | -   | -   |          |          |        |          |            |
| Tsakos Energy Navigation Ltd.                   |       | -     | -     | 0   | -   | -   | 14.79    | 15.19    |        | 14.81    | 294,050    |
| United Pharmaceuticals International, Ltd.      |       | -     | -     | 0   | -   | -   |          |          |        |          |            |
| Veritas Group Limited                           |       | -     | -     | 0   | -   | -   |          |          |        |          |            |
| Waterloo Investment Holdings Limited            |       | -     | -     | 0   | -   | -   |          |          |        |          |            |
| White Mountains Insurance Group Ltd.            |       | -     | -     | 0   | -   | -   | 1,200.92 | 1,188.50 |        | 1,189.94 | 11,380     |
| Zeno Capital Limited                            |       | -     | -     | 0   | -   | -   |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |
|                                                 |       |       |       |     |     |     |          |          |        |          |            |