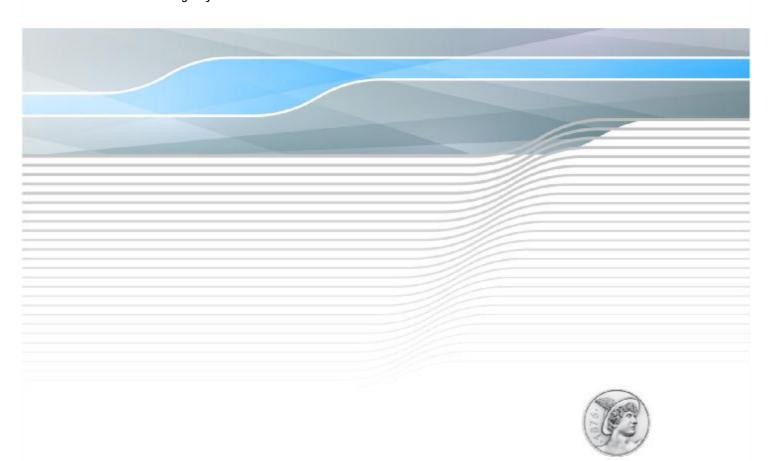
Hellenic Exchanges – Athens Stock Exchange S.A.

# Ημερήσιο Δελτία Συναλλακτικής Δ Daily Official List of Trading Activity

Ημερήσιο Δελτίο Συναλλακτικής Δραστηριότητας

Tuesday, 4 December, 2018 Year: 139 Trading Day No: 233



Athens Stock Exchange

Daily Official List

Year: 139 Trading Day No: 233

Tuesday, 4 December, 2018

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## Hellenic Exchanges – Athens Stock Exchange S.A.

Thessalonica Stock Exchange Center (T.S.E.C)

Athex Members Guarantee Fund

16-18 Katouni Str., Thessalonica 546 25 Tel: (2310) 567.667, Fax: (2310) 530.545 14-16 Fidiou Str., Athens 106 78, Tel: (210) 33.04.682, Fax: (210) 33.04.155

Hellenic Republic Capital Market Commission

1 Kolokotroni Str. & 1 Stadiou Str., Athens 10562 Tel: (210) 33.77.100 Fax: (210) 33.77.173

Hellenic Exchanges – Athens Stock Exchange S.A.

Market Operation & Development Division - Statistics & Information Services

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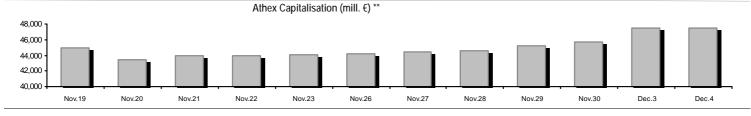
Appendix A: Sectors codification for listed companies

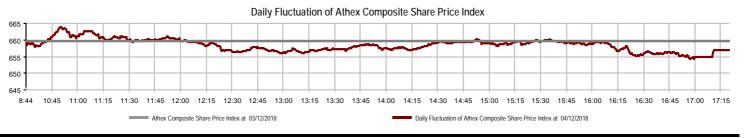
Section codification follows the corresponding from the Greek version of Daily Official List for reference purposes.

## Summary of Markets



| Athex Capitalisation (mill. €) **:  | 47,501.00           |         | Derivatives Total Open Interest                    | 484,740          |         |
|---|---------------------|---------|--|------------------|---------|
| Daily change: mill. €   %   | -42.81              | -0.09%  | '  | ·                | 3.60%   |
| Yearly Avg Capitalisation: mill. €   % chng prev year Avg                                   | 52,552.59           | 4.78%   | in Index Futures   % daily chng                    | 3,975            |         |
|   | 656.96              | -0.42%  | in Stock Futures   % daily chng                    | 476,901<br>2,424 | -3.14%  |
| Athex Composite Share Price Index   % daily chng  |                     | -0.42%  | in Index Options   % daily chng                    | •                | 9.14%   |
| Athex Composite Share Price Index Capitalisation (mill. $\in$ ) Daily change (mill. $\in$ ) | 42,606.01<br>-61.29 |         | in Stock Options   % daily chng                    | 1,440            | -1.37%  |
| Securities' Transactions Value with Block Trades Method 6-1 (                               | 55,859.90           |         | Derivatives Contracts Volume:                      | 72,218           |         |
| Daily change: %   | -40,492.29          | -42.03% | Daily change: pieces   %                           | -67,576          | -48.34% |
| YtD Avg Trans. Value: thou. $\in$   % chng prev year Avg                                    | 56,162.22           | -3.47%  | YtD Avg Derivatives Contracts % chng prev year Avg | 55,084           | -28.90% |
| Blocks Transactions Value of Method 6-1 (thou. €)   | 5,701.42            |         | Derivatives Trades Number:                         | 3,139            |         |
| Blocks Transactions Value of Method 6-2 & 6-3 (thou. €)                                     | 22.49               |         | Daily change: number   %                           | -2,250           | -41.75% |
| Bonds Transactions Value (thou.€)   | 630.96              |         | YtD Avg Trades number % chng prev year Avg         | 2,726            | 3.88%   |
| Securities' Transactions Volume with Block Trades Method 6-1 (t                             | th 29,651.          | 14      | Lending Total Open Interest                        | 319,105          |         |
| Daily change: thou. pieces   %  | -31,167.66          | -51.25% | Daily change: pieces   %                           | -55,103          | -14.73% |
| YtD Avg Volume: % chng prev year Avg  | 38,233.81           | -46.97% | Lending Volume (Multilateral/Bilateral)            | 185,844          |         |
| Blocks Transactions Volume of Method 6-1 (thou. Pieces)                                     | 749.05              |         | Daily change: pieces   %                           | -17,262          |         |
| Blocks Transactions Volume of Method 6-2 & 6-3 (thou. Pieces                                | 17.68               |         |  |                  |         |
| Bonds Transactions Volume   | 617,000             |         | Multilateral Lending                               | 35,844           |         |
| bolius Transactions volume  | 0.7,000             |         | Bilateral Lending                                  | 150,000          |         |
|   |                     |         |  |                  |         |
| Securities' Trades Number with Block Trades Method 6-1                                      | 28,511              |         | Lending Trades Number:                             | 25               | -34.21% |
| Daily change: number   %  | -12,236             | -30.03% | Daily change: %                                    | -13              |         |
| YtD Avg Trades number % chng prev year Avg  | 20,556              | 17.68%  | Multilateral Lending Trades Number                 | 24               |         |
| Number of Blocks Method 6-1   | 7                   |         | ŭ  |                  |         |
| Number of Blocks Method 6-2 & 6-3   | 3                   |         | Bilateral Lending Trades Number                    | 1                |         |
| Number of Bonds Transactions  | 48                  |         |  |                  |         |



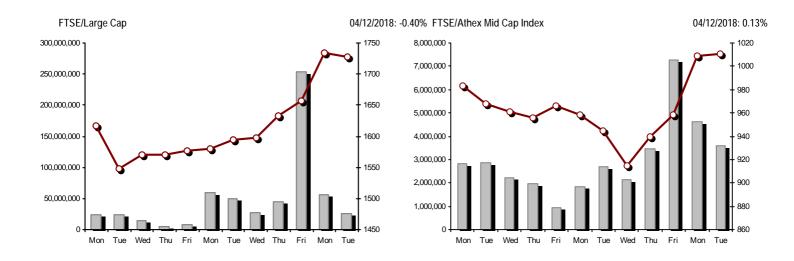


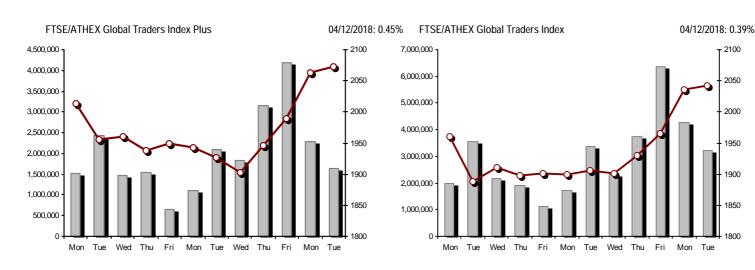
| Athex Indices                                  |                   |            |        |        |           |           |          |           |                  |
|--|-------------------|------------|--------|--------|-----------|-----------|----------|-----------|------------------|
| Index name                                     | 04/12/2018        | 03/12/2018 | pts.   | %      | Min       | Max       | Year min | Year max  | Year change      |
| Athex Composite Share Price Index              | 656.96 Œ          | 659.72     | -2.76  | -0.42% | 654.23    | 663.89    | 592.70   | 895.64    | -18.12% Œ        |
| FTSE/Athex Large Cap                           | 1,727.76 <b>Œ</b> | 1,734.67   | -6.91  | -0.40% | 1,721.02  | 1,749.56  | 1,548.58 | 2,275.91  | -17.06% <b>Œ</b> |
| FTSE/Athex Mid Cap Index                       | 1,010.50 #        | 1,009.19   | 1.31   | 0.13%  | 1,003.48  | 1,014.26  | 911.71   | 1,417.74  | -15.67% Œ        |
| FTSE/ATHEX-CSE Banking Index                   | 375.93 Œ          | 388.79     | -12.86 | -3.31% | 375.89    | 394.83    | 307.86   | 788.88    | -43.31% Œ        |
| FTSE/ATHEX Global Traders Index Plus           | 2,073.07 #        | 2,063.75   | 9.32   | 0.45%  | 2,051.61  | 2,077.47  | 1,897.69 | 2,656.94  | -11.39% Œ        |
| FTSE/ATHEX Global Traders Index                | 2,042.91 #        | 2,035.05   | 7.86   | 0.39%  | 2,021.69  | 2,042.91  | 1,872.97 | 2,452.53  | -6.22% Œ         |
| FTSE/ATHEX Mid & Small Cap Factor-Weighted Ind | 2,243.60 #        | 2,236.26   | 7.34   | 0.33%  | 2,235.88  | 2,252.59  | 1,953.64 | 2,464.88  | 14.83% #         |
| ATHEX Mid & SmallCap Price Index               | 3,869.26 Œ        | 3,872.89   | -3.63  | -0.09% | 3,840.87  | 3,878.68  | 3,459.89 | 4,442.84  | 11.76% #         |
| FTSE/Athex Market Index                        | 428.00 Œ          | 429.60     | -1.60  | -0.37% | 426.37    | 433.19    | 384.60   | 564.78    | -16.88% Œ        |
| FTSE Med Index                                 | 4,503.18 #        | 4,419.29   | 83.89  | 1.90%  |           |           | 3,923.92 | 4,634.00  | 3.87% #          |
| Athex Composite Index Total Return Index       | 1,039.50 Œ        | 1,043.86   | -4.36  | -0.42% | 1,035.18  | 1,050.47  | 937.82   | 1,392.60  | -16.67% Œ        |
| FTSE/Athex Large Cap Total Return              | 2,506.86 Œ        | 2,516.89   | -10.03 | -0.40% |           |           | 2,246.89 | 3,277.20  | -16.95% Œ        |
| FTSE/ATHEX Large Cap Net Total Return          | 755.60 Œ          | 758.62     | -3.02  | -0.40% | 752.66    | 765.14    | 677.24   | 979.13    | -15.69% Œ        |
| FTSE/Athex Mid Cap Total Return                | 1,247.18 #        | 1,245.57   | 1.61   | 0.13%  |           |           | 1,128.83 | 1,702.90  | -13.54% Œ        |
| FTSE/ATHEX-CSE Banking Total Return Index      | 354.15 Œ          | 366.27     | -12.12 | -3.31% |           |           | 291.68   | 747.83    | -44.27% Œ        |
| Hellenic Mid & Small Cap Index                 | 955.47 #          | 954.59     | 0.88   | 0.09%  | 950.76    | 959.21    | 880.79   | 1,185.73  | -7.42% Œ         |
| FTSE/Athex Banks                               | 496.69 Œ          | 513.69     | -17.00 | -3.31% | 496.65    | 521.67    | 406.75   | 1,042.30  | -43.31% Œ        |
| FTSE/Athex Financial Services                  | 858.43 #          | 847.72     | 10.71  | 1.26%  | 840.78    | 869.48    | 737.75   | 1,309.27  | -23.72% Œ        |
| FTSE/Athex Industrial Goods & Services         | 2,061.66 Œ        | 2,116.06   | -54.40 | -2.57% | 2,061.66  | 2,116.70  | 1,779.28 | 2,717.62  | -8.21% Œ         |
| FTSE/Athex Retail                              | 62.94 Œ           | 63.75      | -0.81  | -1.27% | 62.94     | 63.75     | 51.91    | 2,921.52  | -97.74% Œ        |
| FTSE/ATHEX Real Estate                         | 3,241.25 Œ        | 3,301.63   | -60.38 | -1.83% | 3,213.30  | 3,317.59  | 2,706.93 | 3,587.02  | -4.91% Œ         |
| FTSE/Athex Personal & Household Goods          | 7,515.23 #        | 7,476.27   | 38.96  | 0.52%  | 7,368.32  | 7,515.23  | 6,088.80 | 8,843.95  | -6.07% Œ         |
| FTSE/Athex Food & Beverage                     | 10,211.04 #       | 10,152.82  | 58.22  | 0.57%  | 10,152.82 | 10,403.36 | 9,316.14 | 11,879.29 | 0.57% #          |
| FTSE/Athex Basic Resources                     | 3,249.61 #        | 3,230.76   | 18.85  | 0.58%  | 3,222.90  | 3,253.54  | 2,919.09 | 4,731.18  | -19.41% Œ        |
| FTSE/Athex Construction & Materials            | 2,615.60 Œ        | 2,617.18   | -1.58  | -0.06% | 2,583.23  | 2,629.50  | 2,457.94 | 3,244.17  | -7.19% Œ         |
| FTSE/Athex Oil & Gas                           | 4,942.20 #        | 4,811.44   | 130.76 | 2.72%  | 4,789.23  | 4,942.20  | 4,087.64 | 5,396.31  | 9.11% #          |
| FTSE/Athex Chemicals                           | 8,412.65 #        | 8,310.09   | 102.56 | 1.23%  | 8,310.09  | 8,494.96  | 7,889.97 | 12,117.06 | -26.67% Œ        |
| FTSE/Athex Media                               | 1,482.65 Œ        | 1,495.65   | -13.00 | -0.87% | 1,378.60  | 1,495.65  | 1,131.49 | 1,664.73  | -5.00% Œ         |
| FTSE/Athex Travel & Leisure                    | 1,502.31 #        | 1,495.53   | 6.78   | 0.45%  | 1,491.28  | 1,516.06  | 1,325.32 | 1,962.01  | -17.90% Œ        |
| FTSE/Athex Technology                          | 739.18 #          | 737.96     | 1.22   | 0.17%  | 735.48    | 746.58    | 668.53   | 1,116.72  | -18.84% Œ        |
| FTSE/Athex Telecommunications                  | 2,994.80 Œ        | 3,003.05   | -8.25  | -0.27% | 2,928.73  | 3,003.05  | 2,587.42 | 3,526.04  | -5.39% Œ         |
| FTSE/Athex Utilities                           | 1,875.81 Œ        | 1,878.16   | -2.35  | -0.13% | 1,869.00  | 1,894.74  | 1,756.98 | 2,508.45  | -5.85% Œ         |
| FTSE/Athex Health Care                         | 504.82 #          | 500.66     | 4.16   | 0.83%  | 496.50    | 507.59    | 256.65   | 517.30    | 95.65% #         |
| Athex All Share Index                          | 167.18 Œ          | 167.33     | -0.15  | -0.09% | 167.18    | 167.18    | 152.89   | 209.09    | -12.13% Œ        |
| Hellenic Corporate Bond Index                  | 116.39 #          | 116.01     | 0.38   | 0.32%  |           |           | 115.75   | 118.41    | -0.48% Œ         |
| Hellenic Corporate Bond Price Index            | 96.10 #           | 95.82      | 0.28   | 0.30%  |           |           | 95.62    | 100.55    | -3.85% Œ         |

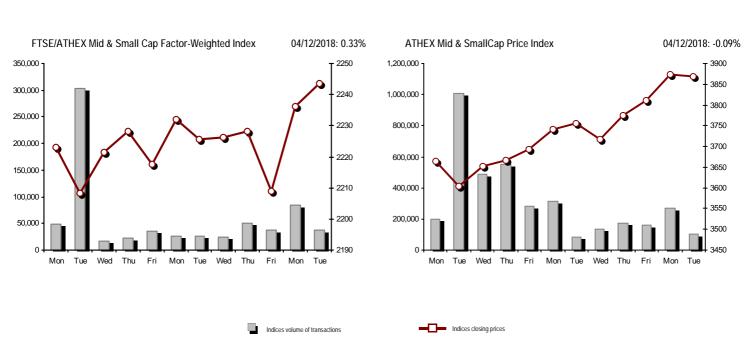
Note 1: FTSE/Med 100, Hellenic Corporate Bond Price Index and Hellenic Corporate Bond Index closing prices refer to the previous trading day of 30/11/2018.

Note 2: The Hellenic Mid & Small Cap Index is a Customized index calculated by the Athens Exchange.

#### Athex Indices







# Analytic Figures for Athex Market's Boards and Categories

|                                       | Total Traded<br>Securities | Main Market  | Surveillance | Exchange Traded<br>Funds (ETFs) |  |
|---------------------------------------|----------------------------|--------------|--------------|---------------------------------|--|
| Totals                                | 121                        | 108          | 13           | 0                               |  |
| Gain / Lose / Same:                   | 40 / 43 / 38               | 38 / 40 / 30 | 2/3/8        | 0/0/0                           |  |
| Athex Capitalisation (mill. €) **     | 47,501.00                  | 47,274.81    | 226.19       |                                 |  |
| Daily Average Trans/ons Value(thou.€) | 56,162.22                  | 56,169.42    | 31.91        | 50.61                           |  |
| Transactions Value                    | 55,882.39                  | 55,876.05    | 6.34         | 0.00                            |  |
| Main Board:                           | 50,158.48                  | 50,152.14    | 6.34         | 0.00                            |  |
| Blocks Board 6_2_3:                   | 5,723.92                   | 5,723.92     | 0.00         | 0.00                            |  |
| Forced Sales Board:                   | 0.00                       | 0.00         | 0.00         | 0.00                            |  |
| Special Terms Board:                  | 0.00                       | 0.00         | 0.00         | 0.00                            |  |
| Daily Average Transactions Volume     | 38,233,807                 | 38,067,319   | 215,650      | 2,569                           |  |
| Transactions Volume                   | 29,668,826                 | 29,592,438   | 76,388       | 0                               |  |
| Main Board:                           | 28,902,095                 | 28,825,707   | 76,388       | 0                               |  |
| Blocks Board 6_2_3:                   | 766,731                    | 766,731      | 0            | 0                               |  |
| Forced Sales Board:                   | 0                          | 0            | 0            | 0                               |  |
| Special Terms Board:                  | 0                          | 0            | 0            | 0                               |  |
| Daily Average Number of Trades        | 20,556                     | 20,462       | 93           | 2                               |  |
| Number of Trades                      | 28,514                     | 28,462       | 52           | 0                               |  |
| Main Board:                           | 28,504                     | 28,452       | 52           | 0                               |  |
| Blocks Board 6_2_3:                   | 10                         | 10           | 0            | 0                               |  |
| Forced Sales Board:                   | 0                          | 0            | 0            | 0                               |  |
| Special Terms Board:                  | 0                          | 0            | 0            | 0                               |  |

# Trading Details by Athex Sectors and Financial Instruments (ETFs)

| Code    | Sectors                       | Gain / Lose / Same | Number of<br>Trades | Transactions<br>Volume | Transactions<br>Value | % of Total<br>Trans. Value |
|---------|-------------------------------|--------------------|---------------------|------------------------|-----------------------|----------------------------|
| 8300 -  | - Banks                       | 0/5/1              | 13,300              | 21,674,234             | 19,705,883.39         | 35.26%                     |
| 1700 -  | - Basic Resources             | 3/1/0              | 209                 | 98,771                 | 134,243.49            | 0.24%                      |
| 1300 -  | - Chemicals                   | 2/1/2              | 131                 | 24,513                 | 46,319.13             | 0.08%                      |
| 2300 -  | - Construction & Materials    | 5/5/4              | 1,233               | 432,784                | 1,640,689.46          | 2.94%                      |
| 12000 - | - Financial Instruments       | 0/0/0              |                     |                        |                       |                            |
| 8700 -  | - Financial Services          | 2/1/0              | 725                 | 2,633,975              | 518,392.48            | 0.93%                      |
| 3500 -  | - Food & Beverage             | 2/4/4              | 265                 | 103,698                | 799,449.71            | 1.43%                      |
| 4500    | - Health Care                 | 2/0/2              | 187                 | 277,480                | 304,212.31            | 0.54%                      |
| 2700 -  | - Industrial Goods & Services | 2/8/6              | 1,703               | 573,166                | 2,877,729.52          | 5.15%                      |
| 8500 -  | - Insurance                   | 0/0/1              | 3                   | 551                    | 1,880.95              | 0.00%                      |
| 5500    | - Media                       | 0/2/0              | 17                  | 18,157                 | 934.48                | 0.00%                      |
| 500 -   | - Oil & Gas                   | 2/0/1              | 2,992               | 422,613                | 7,178,146.21          | 12.85%                     |
| 3700 -  | - Personal & Household Goods  | 5/1/7              | 1,434               | 389,177                | 4,078,413.78          | 7.30%                      |
| 8600 -  | - Real Estate                 | 3/3/3              | 1,169               | 533,512                | 3,776,483.68          | 6.76%                      |
| 5300    | - Retail                      | 2/1/0              | 27                  | 15,810                 | 12,711.45             | 0.02%                      |
| 9500 -  | - Technology                  | 3/3/6              | 356                 | 140,663                | 132,307.80            | 0.24%                      |
| 6500 -  | - Telecommunications          | 0/1/0              | 1,332               | 482,787                | 5,213,344.31          | 9.33%                      |
| 5700 -  | - Travel & Leisure            | 5/3/1              | 1,789               | 819,947                | 4,793,542.31          | 8.58%                      |
| 7500 -  | - Utilities                   | 2/4/0              | 1,642               | 1,026,988              | 4,667,709.18          | 8.35%                      |
|         |                               |                    |                     |                        |                       |                            |

# Top 10 best & worst performing Shares

| Main Market  |   |                 |  |  |  |  |  |  |  |  |  |  |  |  |
|--|---|-----------------|--|--|--|--|--|--|--|--|--|--|--|--|
| With positive Price change Closing price change W              | Vith negative Price change Closing price    | change          |  |  |  |  |  |  |  |  |  |  |  |  |
| MOTODYNAMICS S.A. (CR) 0.795 9.66% # EI                        | EUROBANK ERGASIAS (CR) 0.564                | -6.00% Œ        |  |  |  |  |  |  |  |  |  |  |  |  |
| KEKROPS SA (CR) 1.56 4.00% # M                                 | MYTILINEOS HOLDINGS (CR) 7.95               | -3.40% <b>Œ</b> |  |  |  |  |  |  |  |  |  |  |  |  |
| INTRACOM CONSTR. (CR) 1.085 3.83% # N/                         | NATIONAL BANK (CR) 1.148                    | -2.71% Œ        |  |  |  |  |  |  |  |  |  |  |  |  |
| MOTOR OIL (CR) 21.1 3.18% # G                                  | GRIVALIA PROPERTIES (CR) 9.1                | -2.36% Œ        |  |  |  |  |  |  |  |  |  |  |  |  |
| ELVALHALCOR (CB) 1.385 2.97% # AI                              | ALPHA BANK (CR) 1.34                        | -2.19% Œ        |  |  |  |  |  |  |  |  |  |  |  |  |
| PPC (CR) 1.418 2.16% # PI                                      | PIRAEUS BANK (CR) 0.95                      | -2.06% Œ        |  |  |  |  |  |  |  |  |  |  |  |  |
| ATHENS MEDICAL CENTER SA (CR) 1.04 1.96% # E                   | EYDAP S.A. (CR) 5.09                        | -1.93% Œ        |  |  |  |  |  |  |  |  |  |  |  |  |
| ATTICA HOLDINGS (CR) 1.18 1.72% # AI                           | AEGEAN AIRLINES (CR) 7.65                   | -1.92% Œ        |  |  |  |  |  |  |  |  |  |  |  |  |
| HELLENIC PETROLEUM (CR) 7.74 1.58% # TF                        | TPA SA (CR) 26.5                            | -1.85% <b>Œ</b> |  |  |  |  |  |  |  |  |  |  |  |  |
| INTRALOT (CR) 0.531 1.53% # EI                                 | ELTECH ANEMOS S.A. (CR) 1.705               | -1.44% Œ        |  |  |  |  |  |  |  |  |  |  |  |  |
| With the highest Transactions Value                            | Vith the highest Transactions Volume Volume | change          |  |  |  |  |  |  |  |  |  |  |  |  |
| MOTOR OIL (CR) 6,253.73 3.18% # EI                             | EUROBANK ERGASIAS (CR) 9,636,366            | -6.00% <b>Œ</b> |  |  |  |  |  |  |  |  |  |  |  |  |
| EUROBANK ERGASIAS (CR) 5,558.05 -6.00% Œ NA                    | NATIONAL BANK (CR) 4,246,292                | -2.71% Œ        |  |  |  |  |  |  |  |  |  |  |  |  |
| ALPHA BANK (CR) 5,510.67 -2.19% Œ Al                           | ALPHA BANK (CR) 4,039,656                   | -2.19% Œ        |  |  |  |  |  |  |  |  |  |  |  |  |
| OTE (CR) 5,213.34 -0.27% Œ PI                                  | PIRAEUS BANK (CR) 3,636,200                 | -2.06% Œ        |  |  |  |  |  |  |  |  |  |  |  |  |
| NATIONAL BANK (CR) 5,016.85 -2.71% Œ M                         | MARFIN INVESTMENT GROUP (CR) 2,556,690      | 0.80% #         |  |  |  |  |  |  |  |  |  |  |  |  |
| OPAP (CR) 4,454.95 0.69% # TE                                  | TERNA ENERGY (CR) 624,804                   | -0.65% Œ        |  |  |  |  |  |  |  |  |  |  |  |  |
| TERNA ENERGY (CR) 3,849.33 -0.65% @ O                          | DPAP (CR) 510,395                           | 0.69% #         |  |  |  |  |  |  |  |  |  |  |  |  |
| PIRAEUS BANK (CR) 3,567.06 $\cdot$ 2.06% $\cdot$ 0             | OTE (CR) 482,787                            | -0.27% Œ        |  |  |  |  |  |  |  |  |  |  |  |  |
| JUMBO SA (CR) 3,283.90 0.29% # G                               | GRIVALIA PROPERTIES (CR) 304,565            | -2.36% Œ        |  |  |  |  |  |  |  |  |  |  |  |  |
| GRIVALIA PROPERTIES (CR) 2,785.18 -2.36% $ {\it c}_{\it c} $ M | MOTOR OIL (CR) 302,214                      | 3.18% #         |  |  |  |  |  |  |  |  |  |  |  |  |

Note: Stocks that are not included in the "Low Dispersion" and "Under Supervision" categories, and the transactions value is more than 10,000 €.

|                                | Number of Trades | Volume | Open Interest |
|--------------------------------|------------------|--------|---------------|
| Index Futures                  | 267              | 1,115  | 3,975         |
| FTSE/Athex Large Cap           | 267              | 1,115  | 3,975         |
| Stock Futures                  | 2,839            | 70,708 | 476,901       |
| ADMIE (IPTO) HOLDING S.A. (CR) | 20               | 81     | 9,326         |
| ALPHA BANK (CR)                | 302              | 4,619  | 20,871        |
| ATTICA BANK S.A. (CR)          | 0                | 0      | 339           |
| CC HBC AG (CR)                 | 11               | 39     | 224           |
| CENERGY HOLDINGS (CB)          | 38               | 218    | 4,595         |
| ELLAKTOR (CR)                  | 136              | 561    | 5,347         |
| EUROBANK ERGASIAS (CR)         | 486              | 11,213 | 62,916        |
| EYDAP S.A. (CR)                | 7                | 21     | 666           |
| FOURLIS (CR)                   | 16               | 19     | 170           |
| GEK TERNA (CR)                 | 29               | 93     | 4,989         |
| GRIVALIA PROPERTIES (CR)       | 9                | 35     | 203           |
| HELLENIC EXCHANGES-A.S.E. (CR) | 41               | 109    | 676           |
| HELLENIC PETROLEUM (CR)        | 44               | 150    | 2,624         |
| INTRACOM HOLDINGS (CR)         | 21               | 423    | 4,687         |
| INTRALOT (CR)                  | 24               | 271    | 3,751         |
| JUMBO SA (CR)                  | 6                | 18     | 1,005         |
| LAMDA DEVELOPMENT SA (CR)      | 26               | 93     | 1,847         |
| MARFIN INVESTMENT GROUP (CR)   | 74               | 2,191  | 51,474        |
| MOTOR OIL (CR)                 | 17               | 24     | 217           |
| MYTILINEOS HOLDINGS (CR)       | 162              | 525    | 7,732         |
| NATIONAL BANK (CR)             | 437              | 41,470 | 247,794       |
| OPAP (CR)                      | 80               | 363    | 2,620         |
| OTE (CR)                       | 93               | 475    | 2,198         |
| P.P.A. S.A. (CR)               | 2                | 7      | 557           |
| PIRAEUS BANK (CR)              | 452              | 5,920  | 19,198        |
| PPC (CR)                       | 193              | 1,247  | 8,953         |
| TERNA ENERGY (CR)              | 60               | 249    | 6,478         |
| TITAN CEMENT (CR)              | 4                | 13     | 232           |
| VIOHALCO SA/NV (CB)            | 49               | 261    | 5,212         |
| Index Options                  | 32               | 375    | 2,424         |
| FTSE/Athex Large Cap           | 32               | 375    | 2,424         |
| Stock Options                  | 1                | 20     | 1,440         |
| ALPHA BANK (CR)                | 0                | 0      | 150           |
| NATIONAL BANK (CR)             | 0                | 0      | 660           |
| OPAP (CR)                      | 0                | 0      | 0             |
| OTE (CR)                       | 0                | 0      | 0             |
| PIRAEUS BANK (CR)              | 0                | 0      | 520           |
| PPC (CR)                       | 1                | 20     | 110           |
| Total Derivatives Traded       | 3,139            | 72,218 | 484,740       |

| Number of<br>Outstanding<br>Securities Nominal<br>Value | •        | vidends [1<br>2016 | Date of La<br>2017 Dividend [2] |              | Note | Shares                         | Closing price | % change       | Previous closing<br>price/date | Open<br>price |        | Price Last Av<br>max price pri |                   | Last Ask [7] | P/E<br>after | Year | Volume    | Trades  | Transactions<br>Value[8] | Company Mkt<br>Value (thou. €) | Year Year<br>low high |          |
|---|----------|--------------------|---------------------------------|--------------|------|--------------------------------|---------------|----------------|--------------------------------|---------------|--------|--------------------------------|-------------------|--------------|--------------|------|-----------|---------|--------------------------|--------------------------------|-----------------------|----------|
| Main Market -   | High I   | Liquic             | dity Class                      |              |      |                                |               |                |                                |               |        |                                |                   |              |              |      |           |         |                          |                                |                       |          |
| 1,543,699,381 0.300                                     |          |                    | 07/04/200                       | 8 18/04/2017 |      | ALPHA BANK (CR)                | 1.34          | -2.19 <b>Œ</b> | 1.37 03/12/2018                | 1.386         | 1.325  | 1.398 1.34                     | 1.364 107983@1.33 | 15198@1.35   |              |      | 4,039,656 | 4,375   | 5,510,666.22             | 2,068,557.17                   | 1.05 2.2              | 252 835  |
| 190,162,681   |          |                    |                                 | 07/12/2016   |      | CENERGY HOLDINGS (CB)          | 1.21          | -0.82 Œ        | 1.22 03/12/2018                | 1.25          | 1.19   | 1.25 1.21                      | 1.218 1@1.20      | 75@1.22      |              |      | 120,526   | 158     | 146,838.88               | 3 230,096.84                   | 1.01                  | 1.6 272  |
| 371,365,550 6.70  | 0.4      | 0.44               | 0.54 28/06/201                  | 8 29/04/2013 |      | CC HBC AG (CR)                 | 27.38         | 0.59 #         | 27.22 03/12/2018               | 27.22         | 27.22  | 27.9 27.38                     | 27.536 2@27.38    | 5@27.51      |              |      | 28,434    | 184     | 782,948.02               | 10,167,988.76                  | 24.93 3               | 1.9 353  |
| 51,643,688 0.910  |          |                    | 21/06/201                       | 0 24/07/2018 |      | FOURLIS (CR)                   | 4.75          | 1.06 #         | 4.7 03/12/2018                 | 4.7           | 4.68   | 4.865 4.75                     | 4.775 10@4.70     | 639@4.77     |              |      | 39,954    | 324     | 190,771.68               | 3 245,307.52                   | 4.12 6                | 5.26 372 |
| 101,260,000 2.13  | 0.3134   | 0.1902             | 0.3646 23/03/201                | 8 08/01/2014 |      | GRIVALIA PROPERTIES (CR)       | 9.1           | -2.36 Œ        | 9.32 03/12/2018                | 9.32          | 8.96   | 9.38 9.1                       | 9.145 1500@8.99   | 20@9.18      | 40.58        | 2016 | 304,565   | 618     | 2,785,180.1              | 921,466.00                     | 7.16 9                | 9.65 867 |
| 136,059,759 0.880                                       |          | 0.36               | 0.36 26/03/201                  | 8 05/03/2014 |      | JUMBO SA (CR)                  | 13.86         | 0.29 #         | 13.82 03/12/2018               | 13.6          | 13.56  | 13.86 13.86                    | 13.785 173@13.80  | 2938@13.86   | 22.87        | 2016 | 238,222   | 775     | 3,283,902.50             | 1,885,788.26                   | 10.56 1               | 16.4 374 |
| 79,721,775 0.300  |          |                    | 30/05/200                       | 7 23/06/2014 |      | LAMDA DEVELOPMENT SA (CR)      | 5.88          | -0.68 Œ        | 5.92 03/12/2018                | 5.89          | 5.88   | 6.03 5.88                      | 5.957 128@5.88    | 250@5.92     |              |      | 150,109   | 379     | 894,200.1                | 468,764.04                     | 5.58 7                | 7.52 863 |
| 939,510,748 0.300                                       |          |                    | 26/04/200                       | 7 29/08/2014 |      | MARFIN INVESTMENT GROUP (CR)   | 0.0755        | 0.80 #         | 0.075 03/12/2018               | 0.0749        | 0.0749 | 0.08 0.0755                    | 0.078 4381@0.076  | 1000@0.076   |              |      | 2,556,690 | 375     | 199,842.02               | 70,933.06                      | 0.0610.18             | 836 877  |
| 259,189,761   |          |                    |                                 | 26/02/2016   |      | VIOHALCO SA/NV (CB)            | 2.78          | -0.71 <b>Œ</b> | 2.8 03/12/2018                 | 2.855         | 2.78   | 2.855 2.78                     | 2.817 1425@2.78   | 500@2.82     |              |      | 142,162   | 280     | 400,522.12               | 720,547.54                     | 2.44                  | 4 272    |
| 232,000,000 2.12  |          |                    | 24/08/201                       | 8 19/06/2017 |      | ADMIE (IPTO) HOLDING S.A. (CR) | 1.642         | 1.23 #         | 1.622 03/12/2018               | 1.622         | 1.618  | 1.648 1.642                    | 1.634 50@1.64     | 2921@1.64    | 8.83         | 2017 | 60,842    | 199     | 99,426.78                | 380,944.00                     | 1.518 2               | 2.28 753 |
| 71,417,100 0.650  | 0.7      | 0.4                | 0.55 22/05/201                  | 8 27/06/2014 |      | AEGEAN AIRLINES (CR)           | 7.65          | -1.92 Œ        | 7.8 03/12/2018                 | 7.8           | 7.58   | 7.8 7.65                       | 7.65 130@7.60     | 3435@7.65    |              |      | 23,656    | 269     | 180,972.19               | 546,340.82                     | 6.52 9                | 9.59 575 |
| 103,423,291 0.570                                       |          |                    | 01/08/201                       | 1 19/04/2016 |      | GEK TERNA (CR)                 | 4.675         | -0.11 <b>Œ</b> | 4.68 03/12/2018                | 4.7           | 4.58   | 4.73 4.675                     | 4.685 997@4.66    | 140@4.68     |              |      | 48,050    | 210     | 225,117.29               | 483,503.89                     | 4.11 5                | 5.64 235 |
| 232,000,000 2.48  |          |                    | 20/07/201                       | 5 12/12/2001 |      | PPC (CR)                       | 1.418         | 2.16 #         | 1.388 03/12/2018               | 1.39          | 1.378  | 1.444 1.418                    | 1.426 2000@1.42   | 7419@1.42    |              |      | 255,299   | 577     | 364,041.7                | 328,976.00                     | 1.11 3                | 3.35 753 |
| 914,715,153 3.00  |          |                    | 16/05/200                       | 8 29/08/2018 |      | NATIONAL BANK (CR)             | 1.148         | -2.71 Œ        | 1.18 03/12/2018                | 1.18          | 1.148  | 1.212 1.148                    | 1.181 9451@1.15   | 72150@1.15   |              |      | 4,246,292 | 2,671   | 5,016,851.2              | 1,050,093.00                   | 0.92 3                | 3.55 835 |
| 177,001,313 1.03  |          |                    | 05/07/201                       | 1 20/12/2007 |      | ELLAKTOR (CR)                  | 1.336         | 0.91 #         | 1.324 03/12/2018               | 1.324         | 1.292  | 1.336 1.336                    | 1.319 5000@1.33   | 1600@1.34    |              |      | 272,975   | 457     | 360,144.28               | 3 236,473.75                   | 1.104 2.1             | 155 235  |
| 60,348,000 0.690  | 0.1026   | 0.065              | 0.0502 05/06/201                | 8 06/08/2018 |      | HELLENIC EXCHANGES-A.S.E. (CR) | 4.1           | 1.36 #         | 4.045 03/12/2018               | 4.005         | 4.005  | 4.13 4.1                       | 4.103 19431@4.10  | 350@4.11     |              |      | 77,015    | 346     | 315,981.9                | 247,426.80                     | 3.51 5                | 5.87 877 |
| 305,635,185 2.18  |          |                    | 0.4 02/07/201                   | 8 01/10/2003 |      | HELLENIC PETROLEUM (CR)        | 7.74          | 1.58 #         | 7.62 03/12/2018                | 7.54          | 7.54   | 7.77 7.74                      | 7.702 103@7.73    | 32620@7.75   |              |      | 119,949   | 596     | 923,830.9                | 2,365,616.33                   | 6.6 8                 | 3.88 53  |
| 106,500,000 0.600                                       | 0.31     | 0.11               | 0.2 22/06/201                   | 8 28/01/2000 |      | EYDAP S.A. (CR)                | 5.09          | -1.93 Œ        | 5.19 03/12/2018                | 5.17          | 5      | 5.25 5.09                      | 5.109 3@5.08      | 1022@5.09    |              |      | 60,287    | 431     | 307,992.99               | 542,085.00                     | 4.87 6                | 5.97 757 |
| 156,961,721 0.300                                       |          |                    | 30/05/201                       | 3 14/11/2007 |      | INTRALOT (CR)                  | 0.531         | 1.53 #         | 0.523 03/12/2018               | 0.537         | 0.524  | 0.54 0.531                     | 0.536 4000@0.530  | 1184@0.531   |              |      | 254,045   | 250     | 136,082.6                | 83,346.67                      | 0.376 1.5             | 512 575  |
| 110,782,980 0.750                                       | 0.65     | 0.9                | 1.3 26/06/201                   | 8 04/11/2013 |      | MOTOR OIL (CR)                 | 21.1          | 3.18 #         | 20.45 03/12/2018               | 20.45         | 20.3   | 21.1 21.1                      | 20.693 3128@21.00 | 456@21.10    |              |      | 302,214   | 2,393   | 6,253,733.80             | 2,337,520.88                   | 16.88 2               | 23.9 53  |
| 142,891,161 0.970                                       |          |                    | 0.32 11/06/201                  | 8 07/07/2017 |      | MYTILINEOS HOLDINGS (CR)       | 7.95          | -3.40 Œ        | 8.23 03/12/2018                | 8.2           | 7.92   | 8.2 7.95                       | 8.103 490@7.94    | 1016@7.97    |              |      | 276,850   | 1,127   | 2,243,301.93             | 1,135,984.73                   | 6.59 10               | 0.76 272 |
| 25,000,000 2.00   | 0.1114   | 0.0892             | 0.1712 19/07/201                | 8 08/08/2003 |      | P.P.A. S.A. (CR)               | 15.98         | -0.74 <b>Œ</b> | 16.1 03/12/2018                | 16.02         | 15.9   | 16.28 15.98                    | 16.008 80@15.94   | 38@15.98     | 35.39        | 2017 | 3,363     | 80      | 53,836.02                | 399,500.00                     | 15 1                  | 17.7 277 |
| 319,000,000 0.300                                       | 0.7      | 0.72               | 0.4 12/10/201                   | 8 25/04/2001 |      | OPAP (CR)                      | 8.71          | 0.69 #         | 8.65 03/12/2018                | 8.63          | 8.605  | 8.8 8.71                       | 8.728 11182@8.71  | 1850@8.78    |              |      | 510,395   | 1,222   | 4,454,954.6              | 2,778,490.00                   | 7.64 11.              | 1.15 575 |
| 490,150,389 2.83  | 0.1      | 0.16               | 0.3529 28/06/201                | 8 18/06/1998 |      | OTE (CR)                       | 10.88         | -0.27 Œ        | 10.91 03/12/2018               | 10.81         | 10.64  | 10.89 10.88                    | 10.798 475@10.76  | 1300@10.89   |              |      | 482,787   | 1,332   | 5,213,344.3              | 5,332,836.23                   | 9.39 12               | 2.81 653 |
| 436,659,164 6.00  |          |                    | 16/05/200                       | 8 31/07/2017 |      | PIRAEUS BANK (CR)              | 0.95          | -2.06 Œ        | 0.97 03/12/2018                | 0.995         | 0.937  | 1.033 0.95                     | 0.981 2037@0.946  | 91@0.950     |              |      | 3,636,200 | 2,657   | 3,567,064.78             | 3 414,826.21                   | 0.841 3.9             | 934 835  |
| 69,877,484 0.780  | (0.08) ( | 0.0875)            | (0.14) 24/05/201                | 8 13/06/2018 |      | GR. SARANTIS S.A. (CR)         | 7.5           | 1.35 #         | 7.4 03/12/2018                 | 7.5           | 7.28   | 7.72 7.5                       | 7.558 17093@7.44  | 2734@7.50    |              |      | 76,470    | 225     | 577,928.7                | 524,081.13                     | 6.325 8.2             | 275 376  |
| 113,918,936 0.300                                       | 0.0935   | 0.0939             | 0.0419 10/01/201                | 8 02/07/2018 |      | TERNA ENERGY (CR)              | 6.15          | -0.65 <b>Œ</b> | 6.19 03/12/2018                | 6.17          | 6.13   | 6.22 6.15                      | 6.161 256@6.14    | 7297@6.15    |              |      | 624,804   | 363     | 3,849,332.82             | 700,601.46                     | 4.4 6                 | 5.54 753 |
| 77.063.568 3.45   | 0.3099   | 0.1049             | 0.0527 25/06/201                | 8 26/06/2018 |      | TITAN CEMENT (CR)              | 19.8          | -0.30 Œ        | 19.86 03/12/2018               | 19.68         | 19.58  | 20 19.8                        | 19.801 37@19.76   | 100@19.94    |              |      | 47,909    | 359     | 948,629.98               | 3 1,668,155.09                 | 18.22 25              | 5.35 235 |
| 2,185,998,765 0.300                                     |          |                    |                                 | 8 27/11/2015 |      | EUROBANK ERGASIAS (CR)         | 0.564         | -6.00 Œ        |                                |               |        | 0.6 0.564                      | 0.577108125@0.563 | 5000@0.569   |              |      | 9,636,366 |         | 5,558,046.6              |                                |                       | 058 835  |
| Main Market -   | Madiu    | ım Lid             |                                 |              |      |                                |               |                |                                |               |        |                                |                   |              |              |      | .,,       | 5,155   | 2,222,21212              | .,,                            |                       |          |
| 13,126,020 0.560  | Wicuit   | IIII LIC           | . ,                             |              |      | AS COMPANY SA (CR)             | 2.5/          | 1 F 4 . CC     | 2 / 02/12/2010                 | 2.57          | 2.5/   | 2.56 2.56                      | 25/ 50@240        | 200@2.5/     |              |      | 1         | 1       | 2.50                     | 33,602.61                      | 1.50                  | 2.7 537  |
|   |          |                    |                                 | 0 07/09/2018 |      | * *                            | 2.56          |                | 2.6 03/12/2018                 |               |        |                                | 2.56 50@2.48      | 299@2.56     |              |      |           |         |                          |                                |                       |          |
| 461,254,013 0.300                                       | 0.85     | 0.85               |                                 | 8 30/04/2018 |      | ATTICA BANK S.A. (CR)          | 0.1234        | _              | 0.125 03/12/2018               |               |        | .1278 0.1234                   | 0.126 1500@0.122  | 3200@0.124   |              |      | 112,654   | 56<br>6 | 14,199.3                 |                                | 0.1120.50             |          |
| 12,213,750 0.320  | 0.85     |                    | 1.1 17/05/201                   |              |      | AUTOHELLAS SA (CR)             | 23.4          |                | 23.6 03/12/2018                |               |        |                                | 23.538 20@23.20   | 90@23.40     | 11 27        | 2017 | 360       |         | 8,473.60                 |                                |                       | 26 575   |
| 11,921,531 2.33   |          |                    | 0.035 24/04/201                 |              |      | BRIQ PROPERTIES (CR)           | 2.12          |                | 2.13 03/12/2018                |               |        | 2.12 2.12                      | 2.12 500@2.06     | 724@2.12     |              | 2017 | 250       | 1       | 530.00                   |                                |                       | 2.15 867 |
| 101,123,806 0.360                                       |          |                    | 22/07/201                       |              |      | CENTRIC HOLDINGS (CR)          | 0.122         |                | 0.121 03/12/2018               |               |        | 0.122 0.122                    | 0.116 1000@0.117  | 19@0.122     |              |      | 4,981     | 3       | 575.83                   |                                |                       | 209 575  |
| 784,500 10.00   |          |                    |                                 | 31/07/2018   |      | CNL CAPITAL (CR)               | 9.5           | -0.52 Œ        |                                | 9.55          | 9.5    | 9.55 9.5                       | 9.513 20@9.45     | 240@9.50     |              |      | 270       | 4       | 2,568.50                 |                                |                       | 0.44 877 |
| 9,907,500 0.300   |          |                    | 06/10/200                       | 5 13/02/2002 |      | CPI SA (CR)                    | 0.216         | ¬              | 0.216 03/12/2018               |               |        |                                | 2500@0.181        | 1000@0.236   |              | 2018 |           |         |                          | 2,140.02                       | 0.122 0               | 1.36 957 |

Hellenic Exchanges – Athens Stock Exchange S.A. Market Operation & Development Division - Statistics & Information Services

Tuesday, 4 December, 2018

| Number of<br>Outstanding<br>Securities Nominal<br>Value |        | ridends [1<br>2016 | Date of Last Coupo<br>2017 Dividend [2] Right | n<br>Not | Shares                        | Closing price | % change        | Previous closing price/date | Open<br>price | Price Price Last Av |                  | Last Ask [7] | P/E<br>after | Year | Volume T | rades Tra |            | ompany Mkt<br>alue (thou. €) | Year Year Sector[<br>low high 4] |
|---|--------|--------------------|---|----------|-------------------------------|---------------|-----------------|-----------------------------|---------------|---------------------|------------------|--------------|--------------|------|----------|-----------|------------|------------------------------|----------------------------------|
| 11,720,024 0.540  |        |                    | 21/08/2014 01/08/2                            | 018      | FLEXOPACK SA (CR)             | 6.95          | 5.30 #          | 6.6 03/12/2018              | 6.95          | 6.95 6.95 6.95      | 6.95 20@6.55     | 158@6.95     |              |      | 300      | 5         | 2,085.00   | 81,454.17                    | 5.35 7.5 2723                    |
| 10,500,000 4.00   |        | 0.28               | 0.31 05/06/2018 02/08/2                       | .016     | INTERCONTINENTAL (CR)         | 5.4           |                 | 5.4 03/12/2018              |               |                     | 55@5.35          | 235@5.40     | 9.07         | 2016 |          |           |            | 56,700.00                    | 4.7 6.1 8674                     |
| 76,000,000 1.00   |        |                    | 03/07/2007 17/09/2                            | 018      | INTRACOM HOLDINGS (CR)        | 0.69          | 0.73 #          | 0.685 03/12/2018            | 0.693         | 0.69 0.716 0.69     | 0.7 1000@0.686   | 40@0.706     |              |      | 116,701  | 243       | 81,681.06  | 52,440.00                    | 0.521.7203 9578                  |
| 30,477,156 0.300  |        |                    | 12/08/2008 17/10/2                            | 017      | INTRACOM CONSTR. (CR)         | 1.085         | 3.83 #          | 1.045 03/12/2018            | 1.045         | 1.04 1.09 1.085     | 1.064 500@1.06   | 199@1.09     |              |      | 12,151   | 40        | 12,923.43  | 33,067.71                    | 0.88 1.6 2357                    |
| 77,654,850 0.300  |        |                    | 01/07/2011 21/02/2                            | 003      | J & P - AVAX SA (CR)          | 0.3635        | 3.86 #          | 0.35 03/12/2018             | 0.349         | 0.3485 0.364 0.3635 | 0.357 1098@0.360 | 610@0.364    |              |      | 25,283   | 52        | 9,025.71   | 28,227.54                    | 0.3125 1.05 2357                 |
| 468,700   | 1      | 0.73               | 0.73 24/08/2017 21/05/2                       |          | MERMEREN KOMB. A.D. PR. (GDR) | 53.8          | 1.51 #          | 53 03/12/2018               | 53.4          | 53.4 54.8 54.4      | 53.879 6@50.60   | 49@54.60     | 2.38         | 2017 | 33       | 5         | 1,778.00   | 25,216.06                    | 14.8 67.6 1775                   |
| 10,500,000 0.950  |        |                    | 24/06/2008 30/06/2                            | 017      | MEVACO SA (CR)                | 0.975         | 0.52 #          | 0.97 03/12/2018             | 0.98          | 0.94 0.98 0.98      | 0.962 110@0.970  | 300@0.980    |              | 2017 | 2,793    | 9         | 2,687.14   | 10,237.50                    | 0.91 1.15 2757                   |
| 12,417,000 0.310  |        |                    | 28/07/2008 28/08/2                            | 017      | MLS MULTIMEDIA SA (CR)        | 4.84          | -0.41 <b>(E</b> | 4.86 03/12/2018             | 4.8           | 4.76 4.85 4.84      | 4.778 250@4.77   | 495@4.85     | 32.88        | 2017 | 6,010    | 39        | 28,717.80  | 60,098.28                    | 3.99 4.86 9537                   |
| 11,812,193 0.470  |        |                    | 29/05/2018 15/11/2                            | 006      | PROFILE SA (CR)               | 1.2           | 1.27 #          | 1.185 03/12/2018            | 1.22          | 1.18 1.22 1.2       | 1.199 500@1.19   | 1608@1.20    |              |      | 4,601    | 14        | 5,515.62   | 14,174.63                    | 0.7 1.625 9533                   |
| 27,345,120 0.470  |        |                    | 18/07/2005 26/02/2                            | 014      | QUALITY & RELIABILITY SA (CR) | 0.228         | -1.72 <b>(E</b> | 0.232 03/12/2018            | 0.232         | 0.228 0.232 0.228   | 0.229 200@0.226  | 100@0.228    |              |      | 1,600    | 3         | 366.80     | 6,234.69                     | 0.181 0.365 9533                 |
| 11,913,632 0.680  |        |                    | 05/09/2008 08/11/2                            | 017      | QUEST HOLDINGS (CR)           | 13.8          | 1.10 #          | 13.65 03/12/2018            | 13.75         | 13.7 13.85 13.85    | 13.765 250@13.65 | 260@13.90    |              |      | 750      | 10        | 10,324.00  | 164,408.12                   | 9.3 14.8 9533                    |
| 3,125,463 0.300   |        |                    | 16/11/1992 07/02/2                            | 017      | UNIBIOS (CR)                  | 0.302         | 0.67 #          | 0.3 03/12/2018              | 0.28          | 0.28 0.302 0.302    | 0.291 95@0.284   | 2424@0.302   |              |      | 2,565    | 13        | 746.23     | 943.89                       | 0.255 0.82 2353                  |
| 22,016,250 0.370  |        |                    | 15/07/2009 11/05/2                            | 000      | ALUMIL (CR)                   | 0.1615        | -2.12 <b>(E</b> | 0.165 03/12/2018            | 0.163         | 0.159 0.1645 0.1615 | 0.161 200@0.152  | 200@0.161    |              |      | 1,050    | 7         | 169.46     | 3,555.62                     | 0.1305 0.462 1753                |
| 24,060,000 0.300  | 0.01   | 0.01               | 0.01 02/07/2018 02/07/2                       | 018      | GEN. COMMERCIAL & IND.SA (CR) | 0.66          | ¬               | 0.66 03/12/2018             | 0.64          | 0.64 0.66 0.66      | 0.641 800@0.635  | 970@0.655    |              |      | 1,711    | 6         | 1,096.26   | 15,879.60                    | 0.49 0.76 2797                   |
| 13,673,200 0.880  |        |                    | 18/07/2008 26/07/2                            | :001     | EVROFARMA SA (CR)             | 0.575         | 0.88 #          | 0.57 03/12/2018             | 0.605         | 0.56 0.605 0.575    | 0.567 1050@0.550 | 995@0.580    |              |      | 5,910    | 13        | 3,348.53   | 7,862.09                     | 0.324 0.68 3577                  |
| 27,848,000 0.300  | 0.0084 |                    | 0.0034 20/08/2018 02/09/2                     |          | NEWSPHONE HELLAS SA (CR)      | 0.336         |                 | 0.336 03/12/2018            |               |                     | 450@0.330        | 600@0.356    |              |      |          |           |            | 9,356.93                     | 0.23 0.458 2791                  |
| 11,250,000 0.520  | 0.04   | 0.04               | 24/07/2017 09/11/2                            | 015      | EKTER SA (CR)                 | 1.2           | -0.83 <b>Œ</b>  | 1.21 03/12/2018             | 1.21          | 1.19 1.23 1.2       | 1.21 650@1.19    | 520@1.22     |              |      | 7,333    | 25        | 8,875.53   | 13,500.00                    | 0.63 1.28 2357                   |
| 82,667,000 0.300  |        |                    | 22/07/2                                       | 2014     | ELTECH ANEMOS S.A. (CR)       | 1.705         | -1.44 <b>Œ</b>  | 1.73 03/12/2018             | 1.75          | 1.7 1.75 1.705      | 1.722 1380@1.71  | 7750@1.71    |              |      | 24,720   | 50        | 42,563.85  | 140,947.24                   | 1.525 2.12 7537                  |
| 18,410,839 1.00   |        |                    | 07/07/2009 10/09/2                            | 010      | ELASTRON (CR)                 | 1.2           | 0.84 #          | 1.19 03/12/2018             | 1.19          | 1.19 1.2 1.2        | 1.197 51@1.19    | 355@1.21     | -(6)-        | 2017 | 3,645    | 17        | 4,362.55   | 22,093.01                    | 1.06 1.74 1757                   |
| 375,241,586 0.390                                       |        |                    | 26/06/2008 14/07/2                            | .006     | ELVALHALCOR (CB)              | 1.385         | 2.97 #          | 1.345 03/12/2018            | 1.37          | 1.34 1.395 1.375    | 1.36 2167@1.38   | 180@1.39     |              |      | 94,043   | 180       | 127,933.48 | 519,709.60                   | 1.1 2.1 1755                     |
| 19,864,886 5.60   | 0.672  | 0.672              | 0.672 08/03/2018 02/07/2                      | 800      | BANK OF GREECE (CR)           | 12.7          | ¬               | 12.7 03/12/2018             | 12.75         | 12.65 12.8 12.7     | 12.738 257@12.65 | 98@12.75     |              |      | 3,066    | 53        | 39,055.10  | 252,284.05                   | 11.9 19.2 8355                   |
| 36,300,000 1.12   | 0.25   | 0.228              | 0.221 28/06/2018 12/12/2                      |          | THESSALONIKA WATER & SEWERA   | GE 4.25       | -0.93 <b>Œ</b>  | 4.29 03/12/2018             | 4.18          | 4.18 4.25 4.25      | 4.2 1@4.20       | 156@4.25     |              |      | 1,036    | 22        | 4,351.00   | 154,275.00                   | 4 5.22 7577                      |
| 122,156,754 0.440                                       |        |                    | 24/11/2014 28/03/2                            | 018      | IASO SA (CR)                  | 1.16          | 1.31 #          | 1.145 03/12/2018            | 1.13          | 1.13 1.18 1.16      | 1.157 11000@1.16 | 10136@1.17   |              |      | 189,894  | 124       | 219,765.92 | 141,701.83                   | 0.65 1.205 4533                  |
| 28,580,100 0.400  |        |                    | 0.22 01/10/2018 04/07/2                       | .016     | IKTINOS HELLAS SA (CR)        | 4.82          |                 | 4.82 03/12/2018             | 4.68          | 4.68 4.88 4.82      | 4.788 50@4.73    | 493@4.81     |              |      | 3,972    | 47        | 19,017.91  | 137,756.08                   | 2.18 6.56 2353                   |
| 8,226,132 0.900   |        |                    | 15/05/2009 13/10/2                            | 014      | ILYDA S.A. (CR)               | 0.187         | -6.03 <b>Q</b>  | 0.199 03/12/2018            | 0.216         | 0.18 0.216 0.185    | 0.186 875@0.185  | 100@0.194    | 5.90         | 2016 | 8,235    | 21        | 1,532.17   | 1,538.29                     | 0.164 0.268 9537                 |
| 11,233,200 0.730  |        |                    | 12/07/2010 30/07/1                            | 999      | INTERTECH SA (CR)             | 0.23          |                 | 0.23 03/12/2018             | 0.23          | 0.23 0.23 0.23      | 0.23 398@0.191   | 100@0.224    |              | 2017 | 250      | 3         | 57.50      | 2,583.64                     | 0.188 0.54 9572                  |
| 19,804,134 0.300  |        |                    | 01/07/2004 06/11/2                            | 017      | KEKROPS SA (CR)               | 1.56          | 4.00 #          | 1.5 03/12/2018              | 1.5           | 1.5 1.63 1.56       | 1.575 500@1.55   | 100@1.59     |              | 2017 | 55,173   | 148       | 86,921.19  | 30,894.45                    | 0.72 1.84 8633                   |
| 33,065,136 0.380  | 0.06   | 0.09               | 0.115 23/08/2018 16/09/2                      | .013     | KRI-KRI S.A. (CR)             | 4.55          | -0.44 <b>(E</b> | 4.57 03/12/2018             | 4.57          | 4.5 4.59 4.54       | 4.546 250@4.48   | 500@4.54     | 20.51        | 2017 | 1,598    | 14        | 7,264.25   | 150,446.37                   | 3 4.9 3577                       |
| 7,595,160 0.600   |        |                    | 0.0263 04/09/2018 18/08/2                     | 010      | KIRIAKOULIS SHIPPING SA (CR)  | 1             | 17.65 #         | 0.85 03/12/2018             | 1             | 1 1 1               | 1 280@0.860      | 149@1.00     |              |      | 1        | 1         | 1.00       | 7,595.16                     | 0.62 1.61 5759                   |
| 9,819,370 0.690   |        |                    | 14/08/2007 09/01/2                            | :004     | MATHIOS REFRACTORY SA (CR)    | 0.171         |                 | 0.171 03/12/2018            |               |                     | 115@0.180        | 85@0.216     |              |      |          |           |            | 1,679.11                     | 0.148 0.362 2353                 |
| 294,016,812 0.300                                       |        |                    | 08/07/2008 21/03/2                            | 016      | NIREFS SA (CR)                | 0.1618        | -1.94 <b>Œ</b>  | 0.165 03/12/2018            | 0.165         | 0.1612 0.1678 0.165 | 0.162 6208@0.161 | 200@0.165    |              |      | 9,954    | 22        | 1,610.52   | 47,571.92                    | 0.118 0.337 3573                 |
| 25,118,410 0.610  |        |                    | 17/08/2000 10/09/2                            | 018      | PAPOUTSANIS (CR)              | 1.02          | -0.49 <b>Œ</b>  | 1.025 03/12/2018            | 1.025         | 1 1.05 1.02         | 1.018 430@1.01   | 50@1.02      | 61.63        | 2017 | 11,252   | 27        | 11,453.71  | 25,620.78                    | 0.504 1.095 3767                 |
| 17,240,776 0.370  |        |                    | 14/07/2005 30/09/2                            | 003      | PERSEUS SA (CR)               | 0.99          | -1.98 <b>(E</b> | 1.01 03/12/2018             | 0.99          | 0.99 0.99 0.99      | 0.99 500@0.940   | 999@0.990    | 9.24         | 2017 | 1        | 1         | 0.99       | 17,068.37                    | 0.33 1.14 3577                   |
| 22,075,665 0.330  | 0.08   | 0.05               | 0.07 29/05/2018 27/04/2                       | .015     | PLAISIO COMPUTERS SA (CR)     | 4             |                 | 4 03/12/2018                | 4             | 3.93 4 4            | 3.969 40@3.96    | 480@4.00     |              |      | 608      | 8         | 2,413.40   | 88,302.66                    | 3.66 4.74 9572                   |
| 43,741,452 0.660  |        |                    | 0.0471 18/05/2018 01/11/1                     | 999      | THRACE PLASTICS SA (CR)       | 1.97          | 0.51 #          | 1.96 03/12/2018             | 1.95          | 1.945 1.995 1.97    | 1.976 50@1.96    | 310@1.97     |              |      | 21,034   | 111       | 41,557.74  | 86,170.66                    | 1.84 2.98 1357                   |
| 245,497,164 0.300                                       |        |                    | 01/07/2008 30/07/2                            | 012      | SELONDA AQUACULTURE SA (CR)   | 0.0472        | -2.48 <b>Œ</b>  | 0.048 03/12/2018            | 0.0484        | 0.045 0.0488 0.048  | 0.047 3000@0.046 | 1000@0.047   |              |      | 56,390   | 22        | 2,663.63   | 11,587.47                    | 0.038 0.25 3573                  |
| 40,693,350 5.00   |        |                    | 03/07/2006 26/05/2                            | 015      | TECHNICAL OLYMPIC SA (CR)     | 1.33          | 2.31 #          | 1.3 03/12/2018              | 1.31          | 1.29 1.33 1.33      | 1.302 100@1.30   | 299@1.33     |              |      | 7,281    | 33        | 9,482.59   | 54,122.16                    | 1.16 2.57 3728                   |
| 1,524,000 0.300   |        |                    | 06/07/2007 06/02/2                            | 013      | GIRAKIAN PROFIL SA (CB)       | 1.03          |                 | 1.03 03/12/2018             |               |                     | 500@0.740        | 100@1.10     | 3.35         | 2017 |          |           |            | 1,569.72                     | 0.044 2 1757                     |
| 7,568,960 3.45  | 0.3099 | 0.1049             | 0.0527 25/06/2018 26/06/2                     | 018      | TITAN CEMENT CO. (PR)         | 18.8          | -0.79 <b>(E</b> | 18.95 03/12/2018            | 18.75         | 18.65 18.9 18.8     | 18.805 380@18.70 | 170@18.90    |              |      | 2,946    | 14        | 55,399.25  | 1,668,155.09                 | 15.1 20 2353                     |

Tuesday, 4 December, 2018

| Number of<br>Dutstanding<br>Securities Nominal<br>Value |        | idends [1]<br>2016 2 | Date of Last<br>017 Dividend [2] | t Coupon<br>Right | Note | Shares                         | Closing price | % change       | Previous closing price/date | Open<br>price | Price Price Last<br>min max price | Avg<br>price | Last Bid<br>[7]   | Last Ask [7] | P/E<br>after | Year | Volume | rades 1 | Fransactions<br>Value[8] | Company Mkt<br>Value (thou. €) | Year Year Secto<br>low high 4] |
|---|--------|----------------------|----------------------------------|-------------------|------|--------------------------------|---------------|----------------|-----------------------------|---------------|-----------------------------------|--------------|-------------------|--------------|--------------|------|--------|---------|--------------------------|--------------------------------|--------------------------------|
| 305,732,436 0.410                                       |        |                      | 08/07/2009                       | 28/09/2011        |      | HYGEIA SA (CR)                 | 0.95          | ¬              | 0.95 03/12/20               | 18 0.95       | 0.95 0.951 0.9                    | 5            | 0.938659803@0.950 | 650@0.952    |              |      | 70,930 | 23      | 67,383.80                | 290,445.81                     | 0.558 0.988 453                |
| 10,203,575 0.730  |        |                      | 16/07/2007                       | 18/10/1999        |      | FIERATEX SA (CR)               | 0.218         | ¬              | 0.218 03/12/20              | 18            |                                   |              | 900@0.154         | 792@0.197    |              | 2017 |        |         |                          | 2,224.38                       | 0.126 0.318 376                |
| 8,340,750 1.16  |        |                      | 25/06/2009                       | 17/09/2018        |      | HAIDEMENOS SA (CR)             | 0.53          | ¬              | 0.53 03/12/20               | 18            |                                   |              | 500@0.515         | 398@0.575    |              | 2017 |        |         |                          | 4,420.60                       | 0.312 0.7 279                  |
| Main Market - L   | ow L   | iquidi               | ty Class                         |                   |      |                                |               |                |                             |               |                                   |              |                   |              |              |      |        |         |                          |                                |                                |
| 14,000,000 4.15   |        |                      | 23/04/2010                       | 29/06/1999        |      | ALPHA REAL ESTATE SA(CR)       | 6             | 1.70 #         | 5.9 03/12/20                | 18 6          | 6 6                               | 6            | 6 910@6.00        | 18@6.20      |              |      | 90     | 1       | 540.00                   | 84,000.00                      | 5.7 7.5 863                    |
| 215,805,843 0.300                                       |        |                      | 20/07/2009                       | 29/12/2010        |      | ATTICA HOLDINGS (CR)           | 1.18          | 1.72 #         | 1.16 03/12/20               | 1.16          | 1.15 1.19 1.1                     | 8            | 1.17 500@1.17     | 250@1.19     |              |      | 9,187  | 25      | 10,747.58                | 254,650.89                     | 1.11.7962 575                  |
| 51,119,369 0.700  |        |                      | 01/07/2008                       | 01/03/2010        |      | AUDIO VISUAL ENTERPRISES (CR)  | 0.114         | -0.87 <b>Œ</b> | 0.115 03/12/20              | 18 0.115      | 0.106 0.115 0.11                  | 4 0          | 0.109 399@0.105   | 450@0.114    |              |      | 3,150  | 7       | 343.20                   | 5,827.61                       | 0.087 0.169 555                |
| 15,816,009 0.300  |        |                      | 01/07/2009                       | 17/07/2000        |      | BYTE COMPUTER SA (CR)          | 0.5           |                | 0.5 03/12/20                | 18 0.5        | 0.5 0.51 0.5                      | 1 0          | 0.501 150@0.500   | 2200@0.530   |              |      | 1,200  | 10      | 601.50                   | 7,908.00                       | 0.45 0.705 953                 |
| 52,800,154 0.300  |        |                      | 20/08/2014                       | 21/06/2004        |      | F.G. EUROPE S.A. (CR)          | 0.358         |                | 0.358 03/12/20              | 18            |                                   |              | 300@0.326         | 80@0.350     |              |      |        |         |                          | 18,902.46                      | 0.294 0.77 372                 |
| 20,578,374 0.620  | 0.07   | 0.07                 | 0.1 08/06/2018                   | 18/05/2015        |      | INFORM P. LYKOS SA (CR)        | 0.77          | -0.77 <b>Œ</b> | 0.776 03/12/20              | 18 0.78       | 0.76 0.78 0.7                     | 7 0          | 0.766 84@0.760    | 1402@0.780   |              |      | 1,997  | 8       | 1,529.14                 | 15,845.35                      | 0.66 0.998 279                 |
| 4,740,000 0.860   |        |                      |                                  | 14/03/2003        |      | LOGISMOS S.A. (CR)             | 0.39          |                | 0.39 03/12/20               | 18            |                                   |              | 1300@0.392        | 2020@0.428   | 45.76        | 2017 |        |         |                          | 1,848.60                       | 0.318 0.48 953                 |
| 6,200,000 0.500   |        |                      | 22/06/2010                       | 01/11/1995        |      | MINERVA KNITWEAR SA (CB)       | 0.16          |                | 0.16 03/12/20               | 18 0.15       | 0.144 0.176 0.17                  | 6 0          | 0.147 300@0.144   | 500@0.175    |              |      | 1,054  | 4       | 155.20                   | 992.00                         | 0.144 0.432 376                |
| 22,996,875 1.25   |        |                      | 24/06/2011                       | 02/02/2016        |      | NEXANS HELLAS SA (CR)          | 1.63          |                | 1.63 03/12/20               | 18            |                                   |              | 660008@1.61       | 1900@1.67    |              | 2017 |        |         |                          | 37,484.91                      | 1.13 1.82 273                  |
| 3,953,090 0.300   | 0.11   | 0.2                  | 0.16 30/08/2018                  | 05/12/2012        |      | PAPERPACK (CR)                 | 3.2           |                | 3.2 03/12/20                | 18            |                                   |              | 1500@2.94         | 115@3.22     | 9.07         | 2017 |        |         |                          | 12,649.89                      | 2.2 3.7 272                    |
| 57,434,884 1.31   |        |                      | 05/06/2008                       | 12/06/2009        |      | REDS S.A. (CR)                 | 0.74          |                | 0.74 03/12/20               | 18 0.74       | 0.74 0.745 0.7                    | 4 0          | 0.742 100@0.715   | 500@0.750    |              |      | 915    | 8       | 679.10                   | 42,501.81                      | 0.685 1.05 863                 |
| 6,456,530 1.08  |        |                      | 04/07/2018                       | 02/08/2010        |      | SPACE HELLAS SA (CR)           | 5.1           | ¬              | 5.1 03/12/20                | 18 4.9        | 4.9 5.1 5.                        | 1            | 4.92 167@4.90     | 18@5.10      |              |      | 203    | 2       | 998.70                   | 32,928.30                      | 3.6 7.25 957                   |
| 80,690,653 0.500  |        |                      | 25/04/2014                       | 22/12/2016        |      | TRASTOR REAL EST. INV. CO.(CR) | 0.8           |                | 0.8 03/12/20                | 18 0.81       | 0.8 0.81 0.                       | 8 0          | 0.803 1500@0.755  | 1519@0.800   | -(6)-        | 2017 | 8,681  | 7       | 6,969.80                 | 64,552.52                      | 0.685 0.9 867                  |
| 417,608 16.00   |        |                      | 0.75 05/04/2018                  | 05/03/2013        |      | ANDROMEDA SA (CR)              | 20.2          | ¬              | 20.2 03/12/20               | 18            |                                   |              | 50@20.40          | 5@21.00      | 4.02         | 2017 |        |         |                          | 8,435.68                       | 18 23.6 898                    |
| 15,300,000 0.300  |        |                      | 30/07/2009                       | 13/12/1999        |      | ATTICA PUBLICATIONS SA (CR)    | 0.505         |                | 0.505 03/12/20              | 18            |                                   |              |                   | 220@0.555    |              |      |        |         |                          | 7,726.50                       | 0.45 0.66 555                  |
| 18,810,000 0.400  |        |                      | 08/07/2010                       | 14/11/2007        |      | VARVERIS - MODA BAGNO SA (CR)  | 0.49          |                | 0.49 03/12/20               | 18            |                                   |              |                   | 15575@0.442  |              |      |        |         |                          | 9,216.90                       | 0.442 0.49 235                 |
| 23,986,500 1.05   |        |                      | 26/06/2009                       | 15/03/2000        |      | BIOKARPET S.A.(CR)             | 0.52          |                | 0.52 03/12/20               | 18 0.48       | 0.48 0.515 0.51                   | 5 0          | 0.481             | 500@0.510    |              |      | 35     | 2       | 16.84                    | 12,472.98                      | 0.296 0.705 372                |
| 4,968,600 2.88  |        |                      | 01/07/1998                       | 14/12/1998        |      | VIS SA (CR)                    | 1.02          |                | 1.02 03/12/20               | 18            |                                   |              |                   | 100@1.12     |              | 2017 |        |         |                          | 5,067.97                       | 0.72 1.03 272                  |
| 6,325,000 0.600   |        | 0.11                 | 0.15 03/07/2018                  | 17/02/2014        |      | VOGIATZOGLOU SYSTEMS SA (CR)   | 1.91          | ¬              | 1.91 03/12/20               | 1.99          | 1.99 1.99 1.9                     | 9            | 1.99              | 94@1.98      |              |      | 1      | 1       | 1.99                     | 12,080.75                      | 1.36 2.32 279                  |
| 8,418,750 0.300   | 0.12   | 0.3                  | 0.28 19/06/2018                  | 27/06/2012        |      | GEKE SA (CB)                   | 5.05          | ¬              | 5.05 03/12/20               | 18            |                                   |              | 300@4.70          | 500@5.00     | 16.94        | 2017 |        |         |                          | 42,514.69                      | 4.38 5.9 575                   |
| 15,000,000 0.300  |        |                      | 06/07/2007                       | 18/07/2000        |      | DAIOS PLASTICS SA (CR)         | 2.76          | -2.82 <b>Œ</b> | 2.84 03/12/20               | 18 2.76       | 2.76 2.76 2.7                     | 6            | 2.76 100@2.72     |              |              |      | 100    | 1       | 276.00                   | 41,400.00                      | 2.52 2.88 135                  |
| 34,720,000 0.310  |        |                      | 16/06/2010                       | 01/08/2007        |      | DROMEAS SA (CR)                | 0.2           | ¬              | 0.2 03/12/20                | 18 0.2        | 0.2 0.2 0.                        | 2            | 0.2 1@0.200       | 150@0.204    |              |      | 50     | 2       | 10.00                    | 6,944.00                       | 0.18 0.352 372                 |
| 255,494,534 3.00  | 0.2035 | 0.2                  | 0.22 08/05/2018                  | 23/12/2015        |      | NBG PANGAEA (CR)               | 4.72          |                | 4.72 03/12/20               | 18 4.46       | 4.46 4.46 4.4                     | 6            | 4.46 10@4.66      | 5@5.15       |              |      | 5      | 1       | 22.30                    | 1,205,934.20                   | 4.26 5.25 867                  |
| 3,307,500 0.460   |        |                      | 11/08/2010                       | 04/12/2018        |      | ELVE SA (CR)                   | 3.14          | ¬              | 3.38 # 03/12/20             | 18            |                                   |              | 53@3.22           | 196@3.44     |              |      |        |         |                          | 10,385.55                      | 2.48 3.6 376                   |
| 31,734,530 1.60   |        |                      | 09/07/2007                       | 19/07/2006        |      | ELGEKA SA (CR)                 | 0.139         |                | 0.139 03/12/20              | 18 0.131      | 0.128 0.131 0.12                  | 8 0          | 0.131 800@0.128   |              |              |      | 989    | 3       | 129.26                   | 4,411.10                       | 0.126 0.264 357                |
| 23,828,130 0.500  | 0.16   | 0.052                | 0.06 18/07/2018                  | 17/02/2009        |      | ELINOIL S.A. (CR)              | 1.3           | ¬              | 1.3 03/12/20                | 1.29          | 1.29 1.3 1.                       | 3 1          | 1.292 450@1.22    | 2612@1.30    |              |      | 450    | 3       | 581.50                   | 30,976.57                      | 1.21 1.95 53                   |
| 26,730,187 0.520  |        |                      | 0.04 09/07/2018                  | 01/08/2017        |      | ELTON SA (CR)                  | 1.245         | 3.75 #         | 1.2 03/12/20                | 1.225         | 1.225 1.25 1.24                   | 5 1          | 1.243 100@1.22    | 600@1.24     | 16.04        | 2017 | 717    | 13      | 891.42                   | 33,279.08                      | 1.09 1.71 135                  |
| 14,050,971 0.340  |        |                      | 13/12/2017                       | 21/02/2018        |      | ELTRAK SA (CR)                 | 2.1           |                | 2.1 03/12/20                | 18 2.1        | 2.1 2.1 2.                        | 1            | 2.1 2103@2.04     | 334@2.10     |              |      | 350    | 2       | 735.00                   | 29,507.04                      | 1.96 3.82 275                  |
| 27,503,677 0.630  | 0.06   | 0.1                  | 0.12 30/05/2018                  | 18/10/1999        |      | EUROPEAN RELIANCE INSUR. (CR)  | 3.41          |                | 3.41 03/12/20               | 18 3.45       | 3.41 3.45 3.4                     | 1 3          | 3.414 300@3.42    | 259@3.45     |              |      | 551    | 3       | 1,880.95                 | 93,787.54                      | 3.26 4.05 853                  |
| 86,735,980 0.310  |        |                      | 06/07/2009                       | 02/01/2002        |      | ATHENS MEDICAL CENTER SA (CR)  | 1.04          | 1.96 #         | 1.02 03/12/20               | 1.02          | 1 1.05 1.0                        | 5 1          | 1.024 450@1.02    | 986@1.05     |              |      | 16,655 | 39      | 17,062.45                | 90,205.42                      | 0.96 1.62 453                  |
| 8,298,467 0.400   |        |                      | 30/08/1993                       | 08/05/2013        |      | IDEAL GROUP SA (CR)            | 0.835         |                | 0.835 03/12/20              | 18 0.765      | 0.765 0.765 0.76                  | 5 0          | 0.765 200@0.770   |              |              |      | 4      | 1       | 3.06                     | 6,929.22                       | 0.675 0.995 957                |
| 2,566,836 0.440   |        |                      | 13/08/2010                       | 09/01/2007        |      | INTERWOOD-XYLEMPORIA (PR)      | 0.0725        |                | 0.073 03/12/20              | 18            |                                   |              | 2000@0.080        |              |              |      |        |         |                          | 2,967.52                       | 0.060.0725 235                 |
| 34,986,430 0.440  |        |                      | 25/07/2008                       | 23/02/2010        |      | INTERWOOD-XYLEMPORIA (CR)      | 0.0795        |                | 0.08 03/12/20               | 18 0.075      | 0.075 0.075 0.07                  | 5 0          | 0.075 1000@0.075  | 197131@0.075 |              |      | 2,000  | 1       | 150.00                   | 2,967.52                       | 0.0725 0.148 235               |
| 7,500,000 0.330   |        |                      | 19/06/2015                       | 11/07/2018        |      | S.KANAKIS SA (CR)              | 3.52          | ¬              | 3.52 03/12/20               | 18 3.56       | 3.52 3.56 3.5                     | 2 3          | 3.533 221@3.52    | 50@3.64      | 12.01        | 2017 | 419    | 3       | 1,480.48                 | 26,400.00                      | 3.16 4.2 357                   |
| 9,742,920 0.400   | 0.01   |                      | 12/08/2016                       | 14/07/2000        |      | KARAMOLEGOS SA (CR)            | 1.7           | 7              | 1.7 03/12/20                | 1.53          | 1.53 1.7 1.                       | 7 1          | 1.615 2@1.53      | 7395@1.53    |              |      | 2      | 2       | 3.23                     | 16,562.96                      | 1.53 2.46 357                  |

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Section 2, 3/6

Tuesday, 4 December, 2018

|   | J           |                  |                                      |                   |      |                                |               |                |                               |                  |       |                                |                   |              |              |      |        |         |                          | , , , , , , , , , , , , , , , , , , , |                       |               |
|---|-------------|------------------|--------------------------------------|-------------------|------|--------------------------------|---------------|----------------|-------------------------------|------------------|-------|--------------------------------|-------------------|--------------|--------------|------|--------|---------|--------------------------|---------------------------------------|-----------------------|---------------|
| Number of<br>Outstanding<br>Securities Nominal<br>Value |             | idends (<br>2016 | 1] Date of Last<br>2017 Dividend [2] | t Coupon<br>Right | Note | Shares                         | Closing price | % change       | Previous closii<br>price/date | ng Open<br>price |       | Price Last Av<br>max price pri |                   | Last Ask [7] | P/E<br>after | Year | Volume | rades 1 | Fransactions<br>Value[8] | Company Mkt<br>Value (thou. €)        | Year Year<br>low high | Sector[<br>4] |
| 14,679,792 1.68   |             | 0.07             | 28/06/2017                           | 04/09/2000        |      | KARATZIS SA (CR)               | 5.8           | -0.86 <b>Œ</b> | 5.85 03/12/2                  | D18 6            | 5.8   | 6 5.8                          | 5.807 190@5.80    | 160@6.40     |              |      | 1,099  | 5       | 6,382.00                 | 85,142.79                             | 5.2 7.95              | 5 2723        |
| 2,760,000 11.83   | 8.5         | 9.2              | 9.2 23/07/2018                       | 16/07/1990        |      | KARELIA TOBACCO CO. SA (CB)    | 252           | ¬              | 252 03/12/2                   | 018              |       |                                | 1@248.00          | 40@250.00    |              |      |        |         |                          | 695,520.00                            | 244 306               | 6 3785        |
| 6,700,000 0.800   | 0.023       | 0.028            | 0.028 28/06/2018                     | 29/05/2014        |      | MILLS KEPENOS (CR)             | 1.3           |                | 1.3 03/12/2                   | 018              |       |                                | 300@1.26          |              | 28.10        | 2017 |        |         |                          | 8,710.00                              | 1.17 2                | 2 3577        |
| 40,219,218 0.300  |             |                  | 02/07/2018                           | 09/07/2013        |      | KLOUKINAS - LAPPAS SA (CR)     | 0.558         | -0.36 <b>Œ</b> | 0.56 03/12/2                  | 0.572            | 0.552 | 0.572 0.56                     | 0.56 1500@0.542   | 5500@0.560   |              |      | 750    | 5       | 420.00                   | 22,442.32                             | 0.512 0.842           | 2 2357        |
| 11,510,102 0.890  |             |                  | 24/06/2005                           | 06/10/1999        |      | NAFPAKTOS TEXTILE IND. SA (CB) | 0.466         |                | 0.466 03/12/2                 | 0.45             | 0.45  | 0.45 0.45                      | 0.45 200@0.452    | 50@0.500     |              |      | 133    | 1       | 59.85                    | 5,363.71                              | 0.31 0.665            | 5 3763        |
| 21,224,340 0.420  |             | 0.01             | 0.005 10/09/2018                     | 25/04/2006        |      | KORDELLOS BROS SA (CR)         | 0.324         | ¬              | 0.324 03/12/2                 | 018              |       |                                | 500@0.324         | 100@0.338    | 34.10        | 2017 |        |         |                          | 6,876.69                              | 0.3 0.555             | 5 1757        |
| 29,480,000 0.420  |             |                  | 19/07/2010                           | 01/08/2007        |      | KRETA FARM SA (CR)             | 0.459         | ,              | 0.459 03/12/2                 | 018              |       |                                | 1240@0.430        | 100@0.457    |              |      |        |         |                          | 13,531.32                             | 0.414 0.84            | 4 3577        |
| 18,017,472 0.360  |             |                  | 15/06/2010                           | 28/08/2017        |      | KTIMA KOSTAS LAZARIDIS SA (CR) | 0.76          | ¬              | 0.76 03/12/2                  | 0.8              | 0.8   | 0.8 0.8                        | 0.8 1000@0.700    | 1400@0.780   |              |      | 1      | 1       | 0.80                     | 13,693.28                             | 0.5 0.8               | 8 3535        |
| 21,364,000 1.12   |             |                  | 0.2 28/06/2018                       | 10/08/2005        |      | LAMPSA HOTEL SA (CR)           | 18.2          |                | 18.2 03/12/2                  | 018              |       |                                | 200@18.20         | 200@18.70    |              |      |        |         |                          | 388,824.80                            | 16.5 19               | 9 5753        |
| 5,939,268 0.620   |             |                  | 10/07/2003                           | 03/01/2002        |      | LANAKAM SA (CR)                | 0.33          | ¬              | 0.33 03/12/2                  | 018              |       |                                |                   | 600@0.348    |              | 2017 |        |         |                          | 1,959.96                              | 0.228 0.57            | 7 3763        |
| 8,321,682 0.670   |             |                  | 17/08/2007                           | 23/11/1999        |      | N. LEVEDERIS SA (CB)           | 0.165         |                | 0.165 03/12/2                 | 018              |       |                                |                   | 160@0.149    |              | 2017 |        |         |                          | 1,891.60                              | 0.125 0.208           | 8 1757        |
| 2,160,524 0.670   | 0.0436      | 0.0436           | 0.0436 03/12/2018                    | 23/11/1999        |      | N. LEVEDERIS SA (PB)           | 0.24          | ¬              | 0.24 03/12/2                  | 018              |       |                                | 1000@0.218        | 2100@0.240   |              | 2017 |        |         |                          | 1,891.60                              | 0.182 0.3             | 3 1757        |
| 17,120,280 0.940  |             |                  | 01/06/2010                           | 09/07/2018        |      | LOULIS MILLS SA (CR)           | 2.02          |                | 2.02 03/12/2                  | 018              |       |                                | 400@2.00          | 1600@2.14    |              |      |        |         |                          | 34,582.97                             | 1.9 2.56              | 6 3577        |
| 106,980,050 2.25  |             |                  | 25/07/2008                           | 24/02/2014        |      | MINOAN LINES SA (CR)           | 2.4           | ¬              | 2.4 03/12/2                   | 018 2.4          | 2.4   | 2.4 2.4                        | 2.4 3678@2.40     |              |              |      | 322    | 3       | 772.80                   | 256,752.12                            | 2.24 2.64             | 4 5759        |
| 11,700,000 0.360  |             |                  | 02/06/2009                           | 04/07/2018        |      | MOTODYNAMICS S.A. (CR)         | 0.795         | 9.66 #         | 0.725 03/12/2                 | 018 0.795        | 0.78  | 0.795 0.795                    | 0.794 500@0.785   |              |              |      | 15,609 | 24      | 12,389.14                | 9,301.50                              | 0.61 1.2              | 2 5379        |
| 32,188,050 1.04   |             |                  | 21/07/2008                           | 20/01/2000        |      | EL. D. MOUZAKIS SA (CB)        | 0.374         | 8.09 #         | 0.346 03/12/2                 | 0.33             | 0.32  | 0.38 0.374                     | 0.365 250@0.374   |              |              |      | 11,918 | 36      | 4,345.31                 | 12,038.33                             | 0.258 0.446           | 6 3763        |
| 6,340,000 0.600   |             |                  | 31/10/2018                           | 30/11/2018        |      | NAKAS MUSIC                    | 1.6           | 5.96 #         | 1.51 03/12/2                  | 018 1.59         | 1.59  | 1.6 1.6                        | 1.599 2000@1.37   | 461@1.59     | 13.48        | 2017 | 200    | 2       | 319.75                   | 10,144.00                             | 1.15 1.85             | 5 5379        |
| 3,873,120 0.300   |             |                  | 07/07/2008                           | 04/10/2012        |      | DRUCKFARBEN HELLAS (CR)        | 1.4           | ¬              | 1.4 03/12/2                   | 018 1.4          | 1.4   | 1.4 1.4                        | 1.4319179@1.40    | 4000@1.50    |              |      | 2,550  | 4       | 3,570.00                 | 5,422.37                              | 0.83 1.42             | 2 1357        |
| 10,080,000 3.00   | 0.58        | 0.49             | 0.45 05/07/2018                      | 27/08/2001        |      | TPA SA (CR)                    | 26.5          | -1.85 <b>Œ</b> | 27 03/12/2                    | 018 27           | 26.5  | 27 26.5                        | 26.871 20@26.00   | 396@26.50    | 36.88        | 2017 | 404    | 5       | 10,856.00                | 267,120.00                            | 22.8 31.4             | 4 2777        |
| 4,971,466 1.46  |             |                  | 04/07/2007                           | 08/10/2003        |      | PAIRIS SA (CR)                 | 0.2           | ¬              | 0.2 03/12/2                   | 0.2              | 0.2   | 0.22 0.22                      | 0.219 500@0.200   | 60@0.220     |              |      | 349    | 3       | 76.60                    | 994.29                                | 0.085 0.446           | 6 2723        |
| 7,070,400 0.930   |             |                  | 30/11/2016                           | 06/05/2016        |      | PETROPOULOS PETROS (CR)        | 6.64          |                | 6.64 03/12/2                  | 018 6.64         | 6.6   | 6.64 6.64                      | 6.62 100@6.54     | 60@7.00      |              |      | 764    | 6       | 5,057.80                 | 46,947.46                             | 5.02 6.68             | 8 2753        |
| 27,379,200 0.300  | (0.1808)    |                  | 0.148 20/07/2018                     | 24/08/2018        |      | CRETE PLASTICS SA (CR)         | 11.8          |                | 11.8 03/12/2                  | 018              |       |                                | 50@11.40          | 15@11.80     |              |      |        |         |                          | 323,074.56                            | 9.05 15.2             | 2 1357        |
| 21,912,599 0.300  |             |                  | 11/04/2011                           | 23/02/2007        |      | REVOIL (CR)                    | 0.42          |                | 0.42 03/12/2                  | 018              |       |                                | 250@0.420         | 989@0.450    |              |      |        |         |                          | 9,203.29                              | 0.384 0.69            | 9 5379        |
| 4,181,450 0.500   |             |                  | 21/08/2000                           | 05/03/2002        |      | FLOUR MILLS SARANTOPOULOS SA   | A 0.625       |                | 0.625 03/12/2                 | 018              |       |                                | 500@0.565         | 210@0.620    |              |      |        |         |                          | 2,613.41                              | 0.515 0.7             | 7 3577        |
| 28,438,268 0.300  |             |                  | 21/08/2006                           | 24/11/1999        |      | SPIROY AGRICULTURE SA (CR)     | 0.236         |                | 0.236 03/12/2                 | 018 0.214        | 0.214 | 0.214 0.214                    | 0.214             | 100@0.230    |              |      | 112    | 2       | 23.97                    | 6,711.43                              | 0.159 0.384           | 4 1357        |
| Fuels and a Trace                                       | J - J - T - |                  | /CTC-\                               |                   |      |                                |               |                |                               |                  |       |                                |                   |              |              |      |        |         |                          |                                       |                       |               |
| Exchange Trac   | aea Fi      | ınas             | (ETFS)                               |                   |      |                                |               |                |                               |                  |       |                                |                   |              |              |      |        |         |                          |                                       |                       |               |
| 642,382   |             |                  |                                      | 15/06/2016        |      | ALPHA ETF FTSE Athex Large Cap | 17.16         |                | 17.16 03/12/2                 | 018              |       |                                | 10@17.20          |              |              |      |        |         |                          |                                       | 11.532 22.9           | 7 12003       |
| Surveillance  |             |                  |                                      |                   |      |                                |               |                |                               |                  |       |                                |                   |              |              |      |        |         |                          |                                       |                       |               |
| 5,867,311 0.300   |             |                  | 11/08/2010                           | 28/04/2017        | 5123 | DIONIC (CR)                    | 0.56          | -20.00 Œ       | 0.7 03/12/2                   | 0.56             | 0.56  | 0.56 0.56                      | 0.56              | 600@0.560    |              |      | 600    | 1       | 336.00                   | 3,285.69                              | 0.179 0.935           | 5 2797        |
| 163,854,177 0.300                                       |             |                  |                                      | 19/09/2016        | 5161 | Forthnet (CR)                  | 0.226         | ¬              | 0.226 03/12/2                 | 0.192            | 0.192 | 0.192 0.192                    | 0.192             | 5800@0.181   |              |      | 501    | 2       | 96.19                    | 37,031.04                             | 0.0915 0.446          | 6 9535        |
| 355,437,751 0.360                                       |             |                  | 07/07/2010                           | 21/09/2017        | 5160 | FRIGOGLASS SA (CR)             | 0.12          |                | 0.12 03/12/2                  | 018 0.12         | 0.12  | 0.12 0.12                      | 0.1210951@0.113   | 563553@0.120 |              | 2016 | 19,897 | 7       | 2,387.64                 | 42,652.53                             | 0.12 0.266            | 6 2757        |
| 51,081,030 1.00   |             |                  | 20/08/2007                           | 03/09/2007        | 4912 | LAVIPHARM SA (CR)              | 0.143         | ¬              | 0.143 03/12/2                 | 0.143            | 0.143 | 0.143 0.143                    | 0.14 1980@0.116   | 499@0.140    |              |      | 1      | 1       | 0.14                     | 7,304.59                              | 0.117 0.25            | 5 4577        |
| 4,419,616 1.58  |             |                  | 21/07/2011                           | 04/03/2015        | 4983 | MEDICON S.A (CR)               | 1.2           | ,              | 1.2 03/12/2                   | 018              |       |                                | 620@1.10          | 11@1.20      |              |      |        |         |                          | 5,303.54                              | 0.66 1.5              | 5 4535        |
| 14,967,940 0.500  |             |                  | 21/05/2008                           | 04/01/2008        | 4956 | PASAL DEVELOPMENT S.A. (CR)    | 0.105         | 20.00 #        | 0.088 03/12/2                 | 0.105            | 0.105 | 0.105 0.105                    | 0.105 999@0.105   |              |              |      | 13,724 | 6       | 1,441.02                 | 1,571.63                              | 0.06 0.142            | 2 8633        |
| 65,326,268 0.530  |             |                  | 04/07/2007                           | 19/07/2006        | 4750 | SATO SA (CR)                   | 0.03          |                | 0.03 03/12/2                  | 0.024            | 0.024 | 0.024 0.024                    | 0.024 3990@0.024  |              |              |      | 1,440  | 2       | 34.56                    | 1,959.79                              | 0.024 0.082           | 2 3726        |
| 13,191,620 0.620  |             |                  |                                      |                   |      | YALCO - CONSTANTINOU SA (CB)   | 0.178         |                | 0.178 03/12/2                 | 018              |       |                                |                   | 303@0.143    |              |      |        |         |                          | 2,348.11                              | 0.0565 0.181          | 1 3722        |
| 33,301,715 0.320  |             |                  | 27/06/2003                           | 08/07/2009        | 5195 | AEGEK (CR)                     | 0.031         | 3.33 #         | 0.03 03/12/2                  | 018 0.033        | 0.03  | 0.034 0.03                     | 0.031 10540@0.030 | 1350@0.035   |              |      | 6,620  | 6       | 204.17                   | 1,032.35                              | 0.024 0.09            | 9 2357        |
| 13,000,000 1.00   |             |                  | 01/08/2007                           | 07/04/2000        | 5093 | AKRITAS SA (CR)                | 0.278         | ¬              | 0.278 03/12/2                 | 018 0.236        | 0.236 | 0.236 0.236                    | 0.236 20@0.236    | 100@0.254    |              |      | 30     | 3       | 7.08                     | 3,614.00                              | 0.12 0.52             | 2 2353        |
|   |             |                  |                                      |                   |      |                                |               |                |                               |                  |       |                                |                   |              |              |      |        |         |                          |                                       |                       |               |
|   |             |                  |                                      | _                 |      |                                |               |                |                               | _                |       |                                |                   |              |              |      |        |         |                          |                                       |                       |               |

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| Number of<br>Outstanding Value 2<br>Securities | Divide<br>2015 20 | <br>Date of Last Coupon<br>17 Dividend [2] Right | Note | Shares                         | Closing price | % change        |           | s closing<br>e/date | Open<br>price |         | Price Last<br>max price |   | Last Bi<br>[7] |         | Last Ask [7] | P/E<br>after | Year | Volume | ades | Transactions<br>Value[8] | Company Mkt<br>Value (thou. €) | Year Year<br>low high |           |
|--|-------------------|--|------|--------------------------------|---------------|-----------------|-----------|---------------------|---------------|---------|-------------------------|---|----------------|---------|--------------|--------------|------|--------|------|--------------------------|--------------------------------|-----------------------|-----------|
| 185,373,016 0.300                              |                   | <br>02/07/2008 28/02/2011                        | 4957 | ANEK LINES SA (CR)             | 0.055         | -6.78 <b>(</b>  | E 0.059 C | 03/12/2018          | 0.058         | 0.055   | 0.058 0.055             | 0 | 0.057          |         | 5033@0.057   |              |      | 17,000 | 10   | 962.0                    | 00 10,442.91                   | 0.0345                | 0.1 5759  |
| 312,163 0.300                                  |                   | <br>02/07/2008 28/02/2011                        | 4959 | ANEK LINES SA (PR, issue '90)  | 0.06          | ¬               | 0.06      | 03/12/2018          |               |         |                         |   |                |         |              |              |      |        |      |                          | 10,442.91                      | 0.048 0.0             | .092 5759 |
| 2,969,713 0.300                                |                   | <br>02/07/2008 28/02/2011                        | 4958 | ANEK LINES SA (PR, issue '96)  | 0.077         | ¬               | 0.077     | 03/12/2018          |               |         |                         |   |                |         | 125@0.062    |              |      |        |      |                          | 10,442.91                      | 0.062 0.1             | .125 5759 |
| 4,737,503 0.320                                |                   | <br>22/06/2005 22/09/2015                        | 5115 | VARANGIS AVEPE S.A. (CR)       | 0.048         | ¬               | 0.048     | 03/12/2018          |               |         |                         |   |                |         |              |              |      |        |      |                          | 227.40                         | 0.034 0               | 0.17 3726 |
| 1,638,344 0.300                                |                   | <br>25/06/2002 09/10/2018                        | 5162 | VARVARESSOS SA (CB)            | 0.436         | ¬               | 0.436     | 03/12/2018          |               |         |                         |   |                |         | 89@0.350     |              | 2017 |        |      |                          | 714.32                         | 0.225 1               | 1.08 3763 |
| 17,579,754 4.16                                |                   | <br>18/08/2006 02/08/2010                        | 5156 | BIOTER SA (CR)                 | 0.094         | ¬               | 0.094     | 03/12/2018          |               |         |                         |   | 415@           | @0.095  | 4987@0.112   |              |      |        |      |                          | 1,652.50                       | 0.05 0.1              | .144 2357 |
| 77,126,446 0.340                               |                   | <br>23/05/2005 18/08/2011                        | 5094 | G.E. DIMITRIOU (CR)            | 0.0115        |                 | 0.012     | 03/12/2018          |               |         |                         |   | 26300          | @0.011  | 21587@0.013  |              |      |        |      |                          | 886.95                         | 0.01 0.0              | .033 3722 |
| 15,878,748 0.480                               |                   | <br>10/07/2006 22/03/2004                        | 5095 | DOMIKI KRITIS SA (CR)          | 0.0505        |                 | 0.051     | 03/12/2018          |               |         |                         |   | 20000          | @0.056  |              |              |      |        |      |                          | 801.88                         | 0.0485 0.1            | .183 2357 |
| 3,961,300 1.28                                 |                   | <br>29/06/2004 03/08/2000                        | 5080 | DUROS SA (CR)                  | 0.236         | ¬               | 0.236     | 03/12/2018          |               |         |                         |   |                |         | 20@0.189     |              | 2017 |        |      |                          | 934.87                         | 0.12                  | 0.3 3763  |
| 7,085,888 1.59                                 |                   | <br>02/07/1996 06/09/2010                        | 4690 | ELVIEMEK (CR)                  | 4.7           | ¬               | 4.7 (     | 03/12/2018          |               |         |                         |   |                |         |              |              |      |        |      |                          | 33,303.67                      | 4.7                   | 4.7 8633  |
| 51,830,520 0.300                               |                   | <br>23/12/2003 24/01/2007                        | 5197 | SELECTED TEXT. IND. ASSOC (CR) | 0.11          | ¬               | 0.11      | 03/12/2018          | 0.1           | 0.1     | 0.1 0.1                 |   | 0.1 10090      | @0.100  | 895@0.110    |              | 2016 | 1,318  | 2    | 131.8                    | 5,701.36                       | 0.083 0.2             | .276 3763 |
| 11,125,110 0.300                               |                   | <br>02/06/2010 06/11/2017                        | 5178 | EUROCONSULTANTS S.A. (CR)      | 0.198         | ¬               | 0.198     | 03/12/2018          |               |         |                         |   |                |         | 2500@0.190   |              |      |        |      |                          | 2,202.77                       | 0.12 0.5              | .535 2791 |
| 7,125,216 0.650                                |                   | <br>01/07/2005 14/12/1999                        | 4955 | KRE.KA SA (CR)                 | 0.034         | ¬               | 0.034     | 03/12/2018          |               |         |                         |   | 20000          | @0.035  |              |              | 2017 |        |      |                          | 242.26                         | 0.031 0.3             | .338 3573 |
| 7,734,375 1.00                                 |                   | <br>09/07/2007 07/01/2011                        | 5112 | LIVANIS SA (CR)                | 0.0395        | -13.19 <b>(</b> | E 0.046 ( | 03/12/2018          | 0.0365        | 0.03650 | .0395 0.0395            | 0 | 0.039 10018    | 8@0.040 | 4000@0.052   |              |      | 15,007 | 10   | 591.2                    | 8 305.51                       | 0.0165 0.1            | .122 5557 |
| 15,842,391 1.51                                |                   | <br>15/07/2009 12/05/2000                        | 5141 | BITROS HOLDING SA (CR)         | 0.169         | ¬               | 0.169     | 03/12/2018          |               |         |                         |   | 500@           | @0.137  | 4113@0.170   |              |      |        |      |                          | 2,677.36                       | 0.096 0.2             | .224 1757 |
| 119,596,817 0.300                              |                   | <br>15/07/2008 27/04/2017                        | 5190 | NIKAS SA (CR)                  | 0.35          | ¬               | 0.35      | 03/12/2018          |               |         |                         |   | 284@           | @0.340  |              |              |      |        |      |                          | 41,858.89                      | 0.28                  | 0.5 3577  |
| 24,319,250 0.300                               |                   | <br>09/07/2002 04/07/2007                        | 5165 | PROODEFTIKH SA (CR)            | 0.141         | ¬               | 0.141 (   | 03/12/2018          | 0.143         | 0.143   | 0.143 0.143             | 0 | 0.143 50000    | @0.120  | 3335@0.143   |              |      | 200    | 1    | 28.6                     | 3,429.01                       | 0.047 0.1             | .144 2357 |
| 10,186,667 1.35                                |                   | <br>24/06/2008 02/02/2016                        | 4887 | SIDMA SA (CR)                  | 0.36          | ¬               | 0.36      | 03/12/2018          |               |         |                         |   |                |         | 1000@0.328   |              |      |        |      |                          | 3,667.20                       | 0.232 0               | 0.46 1757 |
| 23,743,440 0.300                               |                   | <br>23/06/2008 24/07/2018                        |      | SFAKIANAKIS SA (CR)            | 0.38          |                 | 0.38 (    | 03/12/2018          |               |         |                         |   |                |         | 207@0.440    |              |      |        |      |                          | 9,022.51                       | 0.25 0.63             | 304 5379  |
| 766,000 1.00                                   |                   | <br>01/07/2004 11/12/2012                        | 5193 | TRIA ALFA SA (CR)              | 2.42          | ¬               | 2.42 (    | 03/12/2018          | 2.42          | 2.42    | 2.42 2.42               |   | 2.42           |         |              |              | 2017 | 50     | 1    | 121.0                    | 00 2,015.42                    | 1.71 2                | 2.48 3763 |
| 245,000 1.00                                   |                   | <br>19/07/2010 11/12/2012                        | 5194 | TRIA ALFA SA (PR)              | 0.66          | ¬               | 0.66      | 03/12/2018          |               |         |                         |   | 50000          | @0.600  |              |              | 2017 |        |      |                          | 2,015.42                       | 0.53 0                | 0.79 3763 |
| Suspension Stat                                | tus               |  |      |                                |               |                 |           |                     |               |         |                         |   |                |         |              |              |      |        |      |                          |                                |                       |           |
| 215,246,452 0.300                              |                   | <br>25/06/2001 24/09/2001                        | 5164 | ALTEC SA (CR)                  | 0.012         | ¬               | 0.012 3   | 30/11/2015          |               |         |                         |   |                |         |              |              |      |        |      |                          | 2,582.96                       | 0.012 0.0             | .012 9533 |
| 20,255,805 0.300                               |                   | <br>22/08/2006 02/08/2010                        | 5136 | AXON HOLDING SA (CR)           | 0.058         |                 | 0.058 2   | 28/04/2017          |               |         |                         |   |                |         |              |              |      |        |      |                          | 1,174.84                       | 0.058 0.0             | .058 4533 |
| 21,820,410 0.800                               |                   | <br>22/05/2008 02/08/2011                        | 5174 | EUROMEDICA SA (CR)             | 0.448         |                 | 0.448 3   | 30/04/2018          |               |         |                         |   |                |         |              |              |      |        |      |                          | 9,775.54                       | 0.0825 0              | 0.45 4533 |
| 66,948,210 0.300                               |                   | <br>22/09/2015 22/09/2015                        | 5179 | FOLLI FOLLIE (CR)              | 4.8           | ¬               | 4.8 2     | 24/05/2018          |               |         |                         |   |                |         |              |              |      |        |      |                          | 321,351.41                     | 4.8 1                 | 19.9 5379 |
| 2,235,600 0.350                                |                   | <br>21/04/2010 25/07/2017                        | 5180 | AEOLIAN INVESTMENT FUND (CR)   | 0.41          |                 | 0.41 1    | 19/07/2018          |               |         |                         |   |                |         |              |              |      |        |      |                          | 916.60                         | 0.352 0               | 0.65 8985 |
| 5,000,000 0.400                                |                   | <br>03/06/2009 01/09/2014                        | 5087 | ALCO HELLAS SA (CR)            | 0.18          |                 | 0.18 3    | 31/03/2015          |               |         |                         |   |                |         |              |              |      |        |      |                          | 900.00                         | 0.18 0                | 0.18 1753 |
| 14,870,100 0.300                               |                   | <br>15/05/2008 26/09/2011                        | 5130 | ALPHA GRISSIN S.A. (CR)        | 0.014         | ¬               | 0.014 1   | 13/04/2017          |               |         |                         |   |                |         |              |              |      |        |      |                          | 208.18                         | 0.014 0.0             | .014 9533 |
| 81,644,555 0.300                               |                   | <br>01/07/2008 02/09/2002                        | 5098 | ATTI - KAT SA (CR)             | 0.012         |                 | 0.012 2   | 29/05/2015          |               |         |                         |   |                |         |              |              |      |        |      |                          | 979.73                         | 0.012 0.0             | .012 2357 |
| 20,121,710 1.21                                |                   | <br>27/07/1992 12/03/2003                        | 5002 | BALKAN R.E. (CR)               | 0.19          | ¬               | 0.19 2    | 29/08/2013          |               |         |                         |   |                |         |              |              |      |        |      |                          | 3,823.12                       | 0.19 0                | 0.19 8633 |
| 33,930,000 0.300                               |                   | <br>03/07/2006 30/05/2001                        | 4865 | BABIS VOVOS SA (CR)            | 0.304         | ¬               | 0.304 3   | 30/03/2012          |               |         |                         |   |                |         |              |              |      |        |      |                          | 10,314.72                      | 0.304 0.3             | .304 8633 |
| 6,000,000 0.600                                |                   | <br>13/06/2008 08/04/2004                        | 5172 | EUROBROKERS S.A. (CR)          | 0.008         | ¬               | 0.008 2   | 27/04/2018          |               |         |                         |   |                |         |              |              |      |        |      |                          | 48.00                          | 0.007 0.0             | .008 8534 |
| 7,847,611 1.20                                 |                   | <br>01/08/2007 28/09/2011                        | 4939 | EDRASIS - C. PSALLIDAS SA (CR) | 0.15          | ¬               | 0.15 2    | 29/11/2012          |               |         |                         |   |                |         |              |              |      |        |      |                          | 1,177.14                       | 0.15 0                | 0.15 2357 |
| 36,748,909 0.730                               |                   | <br>15/12/2005 13/12/2006                        | 5109 | HEL. SUGAR INDUSTRY SA (CB)    | 0.075         | ¬               | 0.075 2   | 29/02/2016          |               |         |                         |   |                |         |              |              |      |        |      |                          | 2,756.17                       | 0.075 0.0             | .075 3577 |
| 30,390,000 0.310                               |                   | <br>18/08/2008 29/12/2006                        | 5099 | HELLENIC FISHFARMING SA (CR)   | 0.07          | ¬               | 0.07      | 02/06/2015          |               |         |                         |   |                |         |              |              |      |        |      |                          | 2,127.30                       | 0.07 0                | 0.07 3573 |
| 24,619,524 0.500                               |                   | <br>10/10/1986 30/12/2002                        | 4914 | KERAMIA-ALLATINI (CR)          | 0.088         |                 | 0.088 3   | 30/08/2012          |               |         |                         |   |                |         |              |              |      |        |      |                          | 2,166.52                       | 0.088 0.0             | .088 8633 |
| 66,937,526 0.700                               |                   | <br>13/08/2010 21/05/2003                        | 5003 | MICHANIKI SA (CR)              | 0.1           | 7               | 0.1 2     | 29/08/2013          |               |         |                         |   |                |         |              |              |      |        |      |                          | 9,186.78                       | 0.1                   | 0.1 2357  |
| 25,968,987 0.700                               |                   | <br>13/08/2010 21/05/2003                        | 5004 | MICHANIKI SA (PR)              | 0.096         | ¬               | 0.096 2   | 29/08/2013          |               |         |                         |   |                |         |              |              |      |        |      |                          | 9,186.78                       | 0.096 0.0             | .096 2357 |

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Section 2, 5/6

| Number of<br>Outstanding<br>Securities Nomir<br>Valu |    | Dividend<br>5 2016 |   | Date of Las<br>7 Dividend [2] | t Coupon<br>Right | Note | Shares                         | Closing price | % change | Previous closing price/date | Open<br>price |      | ast Avg<br>rice price | Last | Bid<br>[7] | Last Ask [7] | P/E<br>after | Year | Volume | Trades | Transactions<br>Value[8] | Company Mkt<br>Value (thou. €) | Year<br>low | Year<br>high | Sector[<br>4] |
|--|----|--------------------|---|-------------------------------|-------------------|------|--------------------------------|---------------|----------|-----------------------------|---------------|------|-----------------------|------|------------|--------------|--------------|------|--------|--------|--------------------------|--------------------------------|-------------|--------------|---------------|
| 25,179,640 0.60                                      | 00 |                    | - | 08/08/1994                    | 19/09/2000        | 5191 | J.BOUTARIS & SON HOLD. SA (CB) | 0.026         |          | 0.026 01/10/2018            |               | <br> |                       |      |            |              |              |      |        |        |                          | 742.                           | 45 0        | 024 0.06     | 66 3535       |
| 1,540,000 0.60                                       | 00 |                    | - | 08/08/1994                    | 19/09/2000        | 5192 | J.BOUTARIS & SON HOLD. (PB)    | 0.057         |          | 0.057 01/10/2018            |               | <br> |                       |      |            |              |              |      |        |        |                          | 742.                           | 45 0        | .057 0.0     | 09 3535       |
| 23,935,280 0.30                                      | 00 |                    |   | 29/06/2009                    | 13/06/2000        | 5153 | NAYTEMPORIKI PUBLISHING SA(CR) | 0.107         |          | 0.107 02/10/2017            |               | <br> |                       |      |            |              |              |      |        |        |                          | 2,561.                         | 07 0        | 107 0.10     | 07 5557       |
| 255,459,600 0.30                                     | 00 |                    |   | 26/06/2000                    | 03/12/2010        | 5101 | NEL SA (CR)                    | 0.07          |          | 0.07 31/08/2015             |               | <br> |                       |      |            |              |              |      |        |        |                          | 17,882.                        | 17          | 0.07 0.0     | 07 5759       |
| 23,463,874 0.80                                      | 00 |                    |   | 23/05/2003                    | 21/12/1999        | 4918 | NEORION SA (CR)                | 0.125         | ¬        | 0.125 30/08/2012            |               | <br> |                       |      |            |              |              |      |        |        |                          | 2,932.                         | 98 0        | 125 0.12     | 25 2753       |
| 18,750,000 0.30                                      | 00 |                    |   | 02/07/2001                    | 31/12/2012        | 5154 | PEGASUS PUBLISHING S.A. (CR)   | 0.089         |          | 0.089 02/10/2017            |               | <br> |                       |      |            |              |              |      |        |        |                          | 1,668.                         | 75 0        | .089 0.08    | 89 5557       |
| 144,688,060 0.60                                     | 00 |                    |   | 21/04/2008                    | 10/03/2010        | 4982 | T BANK (CR)                    | 0.048         |          | 0.052 # 29/11/2011          |               | <br> |                       |      |            |              |              |      |        |        |                          | 6,945.                         | 03 0        | 048 0.04     | 48 8355       |
| 284,465,964 3.70                                     | 0  |                    |   | 20/06/2008                    | 15/06/2009        | 4913 | TT HELLENIC POSTBANK (CR)      | 0.168         |          | 0.239 # 29/08/2012          |               | <br> |                       |      |            |              |              |      |        |        |                          | 47,790.                        | 28 0        | 168 0.16     | 68 8355       |
| 13,920,000 0.32                                      | 20 |                    | - | 19/11/2001                    | 01/08/2000        | 4726 | TEXAPRET SA (CR)               | 0.08          |          | 0.08 28/02/2011             |               | <br> |                       |      |            |              |              |      |        |        |                          | 1,113.                         | 60          | 0.0          | 08 3763       |
| 100,793,572 0.30                                     | 00 |                    |   | 16/07/2009                    | 11/02/2016        | 5110 | TELETIPOS SA (CR)              | 0.06          |          | 0.06 07/03/2016             |               | <br> |                       |      |            |              |              |      |        |        |                          | 6,047.                         | 61          | 0.06 0.0     | 06 5553       |
| 510,840 1.00   | 0  |                    |   | 15/07/2008                    | 21/11/2013        | 5036 | TROPEA HOLDING (CR)            | 2             |          | 0.02 # 30/03/2012           |               | <br> |                       |      |            |              |              |      |        |        |                          | 1,021.                         | 68          | 2            | 2 3722        |
| 4,034,950 0.68                                       | 80 |                    |   | 01/07/2005                    | 30/12/2010        | 5171 | CHATZIKRANIOTIS & SONS SA (CR) | 0.14          | ¬        | 0.14 27/04/2018             |               | <br> |                       |      |            |              |              |      |        |        |                          | 564.                           | 89 0        | 102 0.1      | 18 3577       |

Daily Official List

Section 2: Shares' Notes

Year: 139 Trading Day No: 233

Tuesday, 4 December, 2018

#### Shares' Notes

#### Code Note text

- ( ) Adjusted dividends
  - Last adjusted closing price.
- [1] Net dividends
- [2] The "Date of Last Coupon" for New listings refers to the date company's stocks started to trade in Athex
- [3] The Company Market Value is referred to the number of outstanding shares
- [4] Sectors codification can be found in Appendix A
- [5] The Market Value refers to the total number of shares listed (including their several classes) in the exchange by the company.
- [6] P/E greater than 100
- [7] Last view of the Order Book before the end of the trading session
- [8] All Blocks Methods' Transactions Value are included
- 4690 Transfer to Surveillance category as of 4/4/2006.
- 4726 Suspension of trading as of 1/3/2011.
- 4750 Transfer to the "Under Surveillance Category" from 8/4/2011.
- 4865 Suspension of trading as of 2/4/2012.
- 4887 Transfer to the Surveillance Category as of 10/4/2012.
- 4912 Transfer to the Surveillance Category as of 31/7/2012.
- 4913 Suspension of trading as of 30/8/2012.
- 4914 Suspension of trading as of 31/8/2012.
- 4918 Suspension of trading as of 31/8/2012.
- **4939** Suspension of trading as of 30/11/2012.
- 4955 Transfer to the Surveillance Category as from 5/4/2013.
- 4956 Transfer to the Surveillance Category as from 5/4/2013
- 4957 Transfer to the Surveillance Category as from 5/4/2013.
- 4958 Transfer to the Surveillance Category as from 5/4/2013.
- 4959 Transfer to the Surveillance Category as from 5/4/2013.
- 4982 Suspension of trading as of 30/11/2011.
- 4983 Transfer to the Surveillance Category as of 5/4/2013.
- 5002 Suspension of trading as of 30/08/2013.
- 5003 Suspension of trading as of 30/08/2013.
- 5004 Suspension of trading as of 30/08/2013.
- 5036 The company's share is under suspension of trading as of 2/4/2012. During suspension, the company proceeded and concluded a share reverse split, according to which after the conclusion of the corporate action the total number of the company's shares, as well as, the last closing price of 30/03/2012 were adjusted.
- 5080 Transfer to the Surveillance Category as of 05/12/2014.
- 5087 Suspension of trading as of 1/4/2015
- 5093 Transfer to the Surveillance Category as of 8/4/2015.
- 5094 Transfer to the Surveillance Category as of 8/4/2015.
- 5095 Transfer to the Surveillance Category as from 9/4/2015.
- 5098 Suspension of trading as of 2/6/2015.
- 5099 Suspension of trading as of 3/6/2015.
- 5101 Suspension of trading as of 1/9/2015.
- 5109 Suspension of trading as of 01/03/2016.
- 5110 Suspension of trading as of 08/03/2016.
- 5112 Transfer to the Surveillance Category as of 15/04/2016.
- 5115 Transfer to the Surveillance Category as of 15/04/2016.
- 5123 Transfer to the Surveillance Category as of 01/04/2016.
- 5130 Suspension of trading as of 18/04/2017.
- 5136 Suspension of trading as of 02/05/2017.
- 5141 Transfer to the Surveillance Category as of 10/05/2017.
- 5153 Suspension of trading as of 03/10/2017.
- 5154 Suspension of trading as of 03/10/2017.
- 5156 Transfer to the Surveillance Category as of 11/12/2017
- 5160 Transfer to the Surveillance Category as of 15/04/2016

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| Shares | s' N | lotes  |
|--------|------|--|
| Code   |      | Note text  |
| 5161   | -    | Transfer to the Surveillance Category as of 25/11/2011.      |
| 5162   | -    | Transfer to the Under Supervision Category as of 21/12/2009. |
| 5164   | -    | Suspension of trading as of 01/12/2015.                      |
| 5165   | -    | Transfer to the Surveillance Category as of 15/02/2018.      |
| 5171   | -    | Suspension of trading as of 30/04/2018.                      |
| 5172   | -    | Suspension of trading as of 30/04/2018.                      |
| 5174   | -    | Suspension of trading as of 02/05/2018.                      |
| 5178   | -    | Transfer to the Surveillance Category as of 11/05/2018.      |
| 5179   | -    | Suspension of trading as of 25/05/2018.                      |
| 5180   | -    | Transfer to the Surveillance Category as of 29/05/2018.      |
| 5190   | -    | Transfer to the Surveillance Category as of 01/10/2018.      |
| 5191   | -    | Suspension of trading as of 02/10/2018.                      |
| 5192   | -    | Suspension of trading as of 02/10/2018.                      |
| 5193   | -    | Transfer to the Surveillance Category as of 25/10/2018.      |
| 5194   | -    | Transfer to the Surveillance Category as of 25/10/2018.      |
| 5195   | -    | Transfer to the Surveillance Category as of 01/12/2017.      |

Transfer to the Surveillance Category as of 07/11/2018.

Daily Official ListYear: 139 Trading Day No: 233Section 3: Figures of Securities TransactionsTuesday, 4 December, 2018

## Securities Blocks Details

| Securities               | Block Volume | Price | Block Trade Value | Time of approval | Note |
|--------------------------|--------------|-------|-------------------|------------------|------|
| TERNA ENERGY (CR)        | 100,000      | 6.19  | 618,500.00        | 10:47:11         | 20   |
| PIRAEUS BANK (CR)        | 1            | 1.03  | 1.03              | 12:16:12         | 18   |
| TERNA ENERGY (CR)        | 425,417      | 6.16  | 2,618,441.64      | 13:03:15         | 20   |
| PIRAEUS BANK (CR)        | 16,700       | 0.873 | 14,570.75         | 13:09:53         | 14   |
| OPAP (CR)                | 983          | 8.06  | 7,922.19          | 13:11:02         | 14   |
| JUMBO SA (CR)            | 50,000       | 13.78 | 689,000.00        | 14:24:37         | 20   |
| JUMBO SA (CR)            | 25,000       | 13.78 | 344,500.00        | 16:49:16         | 20   |
| JUMBO SA (CR)            | 24,206       | 13.78 | 333,558.68        | 16:50:13         | 20   |
| OPAP (CR)                | 89,327       | 8.71  | 778,038.17        | 17:15:31         | 20   |
| GRIVALIA PROPERTIES (CR) | 35,097       | 9.10  | 319,382.70        | 17:15:34         | 20   |

## **Blocks Notes**

<sup>9 -</sup> Method 6-1 / Special Fees

<sup>10 -</sup> Method 6-1 / Special Fees, SDS

<sup>14 -</sup> Method 6-3 / Settlement, Incomplete Buy and Sell

<sup>18 -</sup> Method 6-2 / SPOT 1

<sup>19 -</sup> Method 6-2 / SPOT 2

<sup>20 -</sup> Method 6-1 and Method 6-1 Same Day Settlement

<sup>21 -</sup> Other Pre-agreed

Daily Official ListYear: 139 Trading Day No: 233Section 3: Figures of Securities TransactionsTuesday, 4 December, 2018

**Shares Rights Details** 

Trading until Last Bid Last Ask Occured Exercise Exercise Price Price Closing Trades Transactions Rights Volume price date from until min Value max

No Rights Transactions.

| Securities Securities                         | Category of Security | Transaction s Volume | Number of<br>Trades | Transactions<br>Value | Note        |
|---|----------------------|----------------------|---------------------|-----------------------|-------------|
| Securities Forced Sales                       |                      |                      |                     |                       |             |
| Section 3: Figures of Securities Transactions |                      |                      |                     | Tuesday, 4 Dec        | ember, 2018 |
| Daily Official List                           |                      |                      |                     | Year: 139 Trading I   | Jay No: 233 |

#### Forced Sales Notes

1 - Normal Forced Sale.

No Forced Transactions.

- 2 Forced Sales of Fixed Registered Shares.
- 3 Forced Sales of Remaining Stock Fractions.

Daily Official List

Section 3: Figures of Securities Transactions

Year: 139 Trading Day No: 233

Tuesday, 4 December, 2018

Forced Sales Registered Shares

Start Date End Date Transactions Transactions Initial Remaining Avg price Avg price Number of Securities Date Volume Trades Volume Value Volume (day) (period)

No Fixed Registered Shares Forced Sales.

#### Forced Sales Notes

According to Decision 1/380/04.05.2008 of the Hellenic Republic Capital Market Commission, the certificated registered shares that have not been deposited to the issuer for dematerialisation, will be auctioned in the Athens Exchange by the supervising issuer. Forced sales procedure is held according to Article 99A of the Athens Exchange Rulebook. The average price of the period is calculated by dividing the Total transactions value by the Total volume and includes all the transactions made until the current date.

| Daily Official List                           | Year: 139 Trading Day No: 233 |
|---|-------------------------------|
| Section 3: Figures of Securities Transactions | Tuesday, 4 December, 2018     |

| Exchange Traded Funds (ETFs) Ch | naracteristics           |                          |                |                    |                          |                  |                 |                   |                  |                  |
|---------------------------------|--------------------------|--------------------------|----------------|--------------------|--------------------------|------------------|-----------------|-------------------|------------------|------------------|
|                                 | Transactions<br>Date (T) | Creation /<br>Redemption | Units<br>(T-1) | New Units<br>(T-1) | Redemptio<br>n Units (T- | Units<br>(T) [1] | Fund Assets [2] | Net Unit<br>Price | Dividen<br>d per | Dividend<br>Date |
| ALPHA ETF FTSE Athex Large Cap  | 04/12/2018               | 5,000                    | 629,082        | 13,300             |                          | 642,382          | 11,126,810.00   | 17.3212           | 0.43             | 30/06/2018       |

#### ETFs Notes

<sup>[1] -</sup> Units (T) = Units (T-1) + New Units (T-1) - Redemption Units (T-1)

<sup>[2] -</sup> The Creation / Redemption Units of T-1 are included.

Daily Official List Year: 139 Trading Day No: 233

Section 5: Bonds traded in Fixed Income Assets Market

## Convertible Corporate Bonds - Regulated Market

| Num Listed<br>Bonds | Nominal price | Issue<br>price | Today's<br>Rate | Exp. Date  | Duration<br>(years) | Note | Common | upon<br>Preffered | Tradir<br>g | Corporate Bonds             | Price min F | Price max | Closing price | Previous of price/d | Volume | Transactions<br>Value | Last ord<br>Price B | der<br>Buy / Sell | Date       | ear<br>min | Year<br>max |
|---------------------|---------------|----------------|-----------------|------------|---------------------|------|--------|-------------------|-------------|-----------------------------|-------------|-----------|---------------|---------------------|--------|-----------------------|---------------------|-------------------|------------|------------|-------------|
| 179,991,941         | 0.30          | 0.30           | 1.00            | 11/10/2025 | 9                   |      | 9      |                   | 1           | FORTHNET S.A. (Convertible) |             |           |               |                     | <br>   |                       | 1.0610              | В                 | 04/12/2018 | 100.0000   | 100.0000    |

#### Corporate Bonds Notes

Transactions Volume = (Pieces) \* (Nominal Price). Transactions Value = (Pieces) \* (Nominal Price) \* (price %) + (Accrued interest).

The price of a Bond is stated as a percentage (%) of Bond's Nominal Price.

Nominal Price in Euros (€), except if it is noted differently.

Daily Official List

Section 5: Bonds traded in Fixed Income Assets Market

Tuesday, 4 December, 2018

Year: 139 Trading Day No: 233

## Non Convertible Corporate Bonds - Regulated Market

| Num Listed<br>Bonds | Nominal<br>price | Issue<br>price | Today's<br>Rate | Exp. Date  | Duration<br>(years) | Note | Common | oupon<br>Preffered | Tradii<br>g | Corporate Bonds                                    | Accrued Yi<br>Int. | eld.T.Mat | Price min | Price max | Closing price |          | s closing<br>e/date | Volume  | Transactions<br>Value | Last or<br>Price | der<br>Buy / Sell | Date       | ear<br>min | Year<br>max |
|---------------------|------------------|----------------|-----------------|------------|---------------------|------|--------|--------------------|-------------|--|--------------------|-----------|-----------|-----------|---------------|----------|---------------------|---------|-----------------------|------------------|-------------------|------------|------------|-------------|
| 25,000              | 1,000.00         | 1,000.00       | 4.95            | 26/06/2023 | 5                   |      | 1      |                    | 1           | B&F COMM. & GARM. INDUS. S.A.<br>(Non Convertible) | 22.4125            | 5.8450    |           |           |               | 96.2700  | 30/11/2018          |         |                       | 92.3721          | В                 | J4/12/201E | 92.3969    | 100.0000    |
| 90,000              | 1,000.00         | 1,000.00       | 3.00            | 11/05/2023 | 5                   |      | 2      |                    | 1           | CORAL A.E. (Non Convertible)                       | 2.0000             | 2.7830    | 100.1500  | 100.7500  | 100.6750      | 100.9570 | 03/12/2018          | 34,000  | 34,297.50             | 100.150          | ) В               | 34/12/2018 | 100.0000   | 101.3500    |
| 120,000             | 1,000.00         | 1,000.00       | 3.95            | 04/04/2025 | 7                   |      | 2      |                    | 1           | GEK TERNA S.A. (Non Convertible)                   | 6.9125             | 4.0380    |           |           |               | 99.0000  | 03/12/2018          |         |                       | 99.0000          | В                 | 34/12/2018 | 98.6744    | 102.9900    |
| 60,000              | 1,000.00         | 1,000.00       | 3.85            | 21/07/2022 | 5                   |      | 3      |                    | 1           | TERNA ENERGY FINANCE S.A. (Non Convertible)        | 14.5444            | 3.4220    | 100.2000  | 101.6000  | 100.8000      | 101.6000 | 03/12/2018          | 117,000 | 120,139.70            | 100.800          | ) B               | 34/12/2018 | 99.3154    | 103.4900    |
| 300,000             | 1,000.00         | 1,000.00       | 3.10            | 27/06/2022 | 5                   |      | 3      |                    | 1           | MYTILINEOS HOLDINGS S.A. (Non Convertible)         | 13.9500            | 2.7780    | 100.2000  | 100.6950  | 100.6467      | 100.5950 | 03/12/2018          | 227,000 | 231,634.65            | 100.400          | ) В               | 34/12/2018 | 100.1901   | 103.4800    |
| 50,000              | 1,000.00         | 1,000.00       | 4.25            | 20/06/2022 | 5                   |      | 3      |                    | 1           | SYSTEMS SUNLIGHT S.A. (Non Convertible)            | 19.8333            | 4.2550    | 99.0100   | 99.8900   | 99.1500       | 99.8950  | 03/12/2018          | 49,000  | 49,544.73             | 99.1500          | В                 | 34/12/2018 | 98.0000    | 103.2000    |
| 200,000             | 1,000.00         | 1,000.00       | 3.50            | 21/03/2022 | 5                   |      | 4      |                    | 1           | O.P.A.P. S.A. (Non Convertible)                    | 7.3889             | 2.7730    | 101.7100  | 102.6990  | 101.7100      | 101.9070 | 03/12/2018          | 145,000 | 149,024.65            | 101.710          | ) B               | 34/12/2018 | 101.3000   | 103.1500    |
| 40,000,000          | 1.00             | 1.00           | 5.00            | 04/10/2021 | 5                   |      | 9      |                    | 1           | HOUSEMARKET S.A. (Non<br>Convertible)              | 0.0088             | 3.7930    | 101.8210  | 102.1800  | 102.0490      | 101.9500 | 30/11/2018          | 45,000  | 46,315.78             | 101.851          | ) B               | 34/12/2018 | 98.9369    | 105.1000    |

#### Corporate Bonds Notes

Transactions Volume = (Pieces) \* (Nominal Price). Transactions Value = (Pieces) \* (Nominal Price) \* (price %) + (Accrued interest).

The price of a Bond is stated as a percentage (%) of Bond's Nominal Price.

Nominal Price in Euros (€), except if it is noted differently.

Hellenic Exchanges – Athens Stock Exchange S.A.

Section 5, 1/1

#### **Government Bonds**

| Number<br>Listed Bonds | Nominal price | Today's<br>Rate | Accrued<br>Interest Calc | Exp.<br>Date [1] | Duration<br>(years) | Note | Coupons<br>Date   | Curr. coupon<br>value | Tradin<br>Unit | Government Bonds               |    | Price<br>min | Price<br>max | Closing price | Previous closing<br>price/date | Volume | Transactions<br>Value | Price   | Last orde<br>Buy / Sel |            |
|------------------------|---------------|-----------------|--------------------------|------------------|---------------------|------|-------------------|-----------------------|----------------|--------------------------------|----|--------------|--------------|---------------|--------------------------------|--------|-----------------------|---------|------------------------|------------|
| 3,000,000              | 1,000.00      | 4.38            | Actual/Actual            | 01/08/2022       | 5                   |      | 01/08             | 4.38                  | 1              | GGB-FXD-010822-05Y-4.375-1,000 |    |              |              |               |                                |        |                       | 1.0000  | В                      | 28/11/2018 |
| 4,355,990,324          | 1.00          | 3.50            | Actual/Actual            | 30/01/2023       | 5                   |      | 01/02 - 31/01     | 3.50                  | 1              | GGB-FXD-300123-05Y-3.500-1.00  |    |              |              |               | 94.5720 13/07/2018             |        |                       | 1.0000  | В                      | 28/11/2018 |
| 5,962,747,327          | 1.00          | 3.75            | Actual/Actual            | 30/01/2028       | 10                  |      | /02 - 01/02 - 31/ | 3.75                  | 1              | GGB-FXD-300128-10Y-3.750-1.00  | -  |              |              |               | 85.4610 13/07/2018             |        |                       | 1.0000  | В                      | 28/11/2018 |
| 6,091,218,404          | 1.00          | 3.90            | Actual/Actual            | 30/01/2033       | 15                  |      | /02 - 01/02 - 31/ | 3.90                  | 1              | GGB-FXD-300133-15Y-3.900-1.00  |    |              |              |               | 78.6730 13/07/2018             |        |                       | 1.0000  | В                      | 28/11/2018 |
| 4,805,399,486          | 1.00          | 4.00            | Actual/Actual            | 30/01/2037       | 19                  |      | /02 - 01/02 - 31/ | 4.00                  | 1              | GGB-FXD-300137-19Y-4.000-1.00  |    |              |              |               | 77.0370 13/07/2018             |        |                       | 1.0000  | В                      | 28/11/2018 |
| 4,603,713,186          | 1.00          | 4.20            | Actual/Actual            | 30/01/2042       | 24                  |      | /02 - 01/02 - 31/ | 4.20                  | 1              | GGB-FXD-300142-24Y-4.200-1.00  |    |              |              |               | 77.7640 13/07/2018             |        |                       | 1.0000  | В                      | 28/11/2018 |
| 550,418,123            | 1.00          | 3.00            | Actual/Actual            | 24/02/2023       | 11                  |      | 24/02             | 3.00                  | 1              | GGB-FXD-240223-11Y-2.000-1.00  |    |              |              |               | 10.0000 22/06/2015             |        |                       |         |                        |            |
| 445,007,576            | 1.00          | 3.00            | Actual/Actual            | 24/02/2024       | 12                  |      | 24/02             | 3.00                  | 1              | GGB-FXD-240224-12Y-2.000-1.00  |    |              |              |               | 10.0000 22/06/2015             |        |                       |         |                        |            |
| 423,674,226            | 1.00          | 3.00            | Actual/Actual            | 24/02/2025       | 13                  |      | 24/02             | 3.00                  | 1              | GGB-FXD-240225-13Y-2.000-1.00  | -  |              |              |               | 10.0000 22/06/2015             |        |                       |         |                        |            |
| 212,292,153            | 1.00          | 3.00            | Actual/Actual            | 24/02/2026       | 14                  |      | 24/02             | 3.00                  | 1              | GGB-FXD-240226-14Y-2.000-1.00  | ** |              |              |               | 10.0000 22/06/2015             |        |                       |         |                        |            |
| 160,621,352            | 1.00          | 3.00            | Actual/Actual            | 24/02/2027       | 15                  |      | 24/02             | 3.00                  | 1              | GGB-FXD-240227-15Y-2.000-1.00  |    |              |              |               | 10.0000 22/06/2015             |        |                       |         |                        |            |
| 183,244,055            | 1.00          | 3.00            | Actual/Actual            | 24/02/2028       | 16                  |      | 24/02             | 3.00                  | 1              | GGB-FXD-240228-16Y-2.000-1.00  |    |              |              |               | 10.0000 22/06/2015             |        |                       |         |                        |            |
| 164,802,894            | 1.00          | 3.00            | Actual/Actual            | 24/02/2029       | 17                  |      | 24/02             | 3.00                  | 1              | GGB-FXD-240229-17Y-2.000-1.00  |    |              |              |               | 10.0000 22/06/2015             |        |                       |         |                        |            |
| 165,460,943            | 1.00          | 3.00            | Actual/Actual            | 24/02/2030       | 18                  |      | 24/02             | 3.00                  | 1              | GGB-FXD-240230-18Y-2.000-1.00  |    |              |              |               | 10.0000 22/06/2015             |        |                       |         |                        |            |
| 129,007,241            | 1.00          | 3.00            | Actual/Actual            | 24/02/2031       | 19                  |      | 24/02             | 3.00                  | 1              | GGB-FXD-240231-19Y-2.000-1.00  | -  |              |              |               | 10.0000 22/06/2015             |        |                       |         |                        |            |
| 126,192,683            | 1.00          | 3.00            | Actual/Actual            | 24/02/2032       | 20                  |      | 24/02             | 3.00                  | 1              | GGB-FXD-240232-20Y-2.000-1.00  | -  |              |              |               | 10.0000 22/06/2015             |        |                       |         |                        |            |
| 146,905,168            | 1.00          | 3.00            | Actual/Actual            | 24/02/2033       | 21                  |      | 24/02             | 3.00                  | 1              | GGB-FXD-240233-21Y-2.000-1.00  | -  |              |              |               | 10.0000 22/06/2015             |        |                       |         |                        |            |
| 154,475,606            | 1.00          | 3.00            | Actual/Actual            | 24/02/2034       | 22                  |      | 24/02             | 3.00                  | 1              | GGB-FXD-240234-22Y-2.000-1.00  |    |              |              |               | 10.0000 22/06/2015             |        |                       |         |                        |            |
| 144,429,441            | 1.00          | 3.00            | Actual/Actual            | 24/02/2035       | 23                  |      | 24/02             | 3.00                  | 1              | GGB-FXD-240235-23Y-2.000-1.00  |    |              |              |               | 10.0000 22/06/2015             |        |                       |         |                        |            |
| 166,211,676            | 1.00          | 3.00            | Actual/Actual            | 24/02/2036       | 24                  |      | 24/02             | 3.00                  | 1              | GGB-FXD-240236-24Y-2.000-1.00  |    |              |              |               | 10.0000 22/06/2015             |        |                       |         |                        |            |
| 145,461,669            | 1.00          | 3.00            | Actual/Actual            | 24/02/2037       | 25                  |      | 24/02             | 3.00                  | 1              | GGB-FXD-240237-25Y-2.000-1.00  | -  |              |              |               | 10.0000 22/06/2015             |        |                       |         |                        |            |
| 146,941,087            | 1.00          | 3.00            | Actual/Actual            | 24/02/2038       | 26                  |      | 24/02             | 3.00                  | 1              | GGB-FXD-240238-26Y-2.000-1.00  |    |              |              |               | 10.0000 22/06/2015             |        |                       |         |                        |            |
| 135,115,612            | 1.00          | 3.00            | Actual/Actual            | 24/02/2039       | 27                  |      | 24/02             | 3.00                  | 1              | GGB-FXD-240239-27Y-2.000-1.00  |    |              |              |               | 10.0000 22/06/2015             |        |                       |         |                        |            |
| 141,909,637            | 1.00          | 3.00            | Actual/Actual            | 24/02/2040       | 28                  |      | 24/02             | 3.00                  | 1              | GGB-FXD-240240-28Y-2.000-1.00  |    |              |              |               | 10.0000 22/06/2015             |        |                       |         |                        |            |
| 136,788,720            | 1.00          | 3.00            | Actual/Actual            | 24/02/2041       | 29                  |      | 24/02             | 3.00                  | 1              | GGB-FXD-240241-29Y-2.000-1.00  | -  |              |              |               | 10.0000 22/06/2015             |        |                       |         |                        |            |
| 163,643,410            | 1.00          | 3.00            | Actual/Actual            | 24/02/2042       | 30                  |      | 24/02             | 3.00                  | 1              | GGB-FXD-240242-30Y-2.000-1.00  |    |              |              |               | 10.0000 22/06/2015             |        |                       |         |                        |            |
| 742,153                | 1,000.00      | 0.93 FLR        | Actual/360               | 10/08/2019       | 5                   |      | 10/02 - 10/08     |                       | 1              | GGB-FLT-100819-05Y-0.934-1,000 | -  |              |              |               |                                |        |                       | 50.0001 | В                      | 12/12/2017 |
| 3,000,000              | 1,000.00      | 3.38            | Actual/Actual            | 15/02/2025       | 7                   |      | 15/02             | 3.38                  | 1              | GGB-FXD-150225-07Y-3.375-1.000 |    |              |              |               |                                |        |                       |         |                        |            |
| 2,456,470              | 1,000.00      | 4.75            | Actual/Actual            | 17/04/2019       | 5                   |      | 17/04             | 4.75                  | 1              | GGB-FXD-170419-05Y-4.750-1,000 |    |              |              |               |                                |        |                       |         |                        |            |

#### **Government Bonds Notes**

Transactions Volume = (Pieces) \* (Nominal Price). Transactions Value = (Pieces) \* (Nominal Price) \* (price %) + (Accrued interest).

The Value of current coupon for the issues with NV 0.01 euro refers to NV 100 euros

FLR: Floating Interest Rate.

[1] - The Expiration Date of the interest bearing period and the Date for coupon payment.

Hellenic Exchanges – Athens Stock Exchange S.A.

Market Operation & Development Division - Statistics & Information Services

Daily Official List Year: 139 Trading Day No: 233

Section 5: Bonds traded in Fixed Income Assets Market

Tuesday, 4 December, 2018

# Treasury Bills & Zero Coupon Government Bonds

|            |      |         |            | 13-W    | Veek Maturi | ty     |      |        |       |      |         |            | 26-W    | /eek Maturi | у      |      |        |       |            |         |            | 52-W     | eek Maturit/ | у      |      |        |       |
|------------|------|---------|------------|---------|-------------|--------|------|--------|-------|------|---------|------------|---------|-------------|--------|------|--------|-------|------------|---------|------------|----------|--------------|--------|------|--------|-------|
| Issue      | Ехр. | Initial | Num Listed | Nominal | Issue       | Last T |      | Volume | Note  | Ехр. | Initial | Num Listed | Nominal | Issue       | Last T |      | Volume | Note  | Exp.       | Initial | Num Listed | Nominal  | Issue        | Last 1 |      | Volume | Note  |
| Date       | Date | Rate    | Bonds      | price   | price       | Price  | Date | Traded | 11010 | Date | Rate    | Bonds      | price   | price       | Price  | Date | Traded | 11010 | Date       | Rate    | Bonds      | price    | price        | Price  | Date | Traded | 11010 |
| 16/03/2018 |      |         |            |         |             |        |      |        |       |      |         |            |         |             |        |      |        |       | 15/03/2019 | 1.25    | 1,000,000  | 1,000.00 | 987.52       |        |      |        |       |
| 15/06/2018 |      |         |            |         |             |        |      |        |       |      |         |            |         |             |        |      |        |       | 14/06/2019 | 1.09    | 1,000,000  | 1,000.00 | 989.10       |        |      |        |       |
| 14/09/2018 |      |         |            |         |             |        |      |        |       |      |         |            |         |             |        |      |        |       | 13/09/2019 | 1.09    | 1,000,000  | 1,000.00 | 989.10       |        |      |        |       |

Daily Official List

Year: 139 Trading Day No: 233

Section 5: Government Bonds Traded with the Open Outcry Method

Tuesday, 4 December, 2018

| Bonds in<br>Circulation | Currency /<br>Min nominal traded Value | Coupons<br>Payment Date | Current<br>Coupon Value | Note | Coupon | Trading<br>Unit | Issue<br>Date | Duration<br>(years) | Today's<br>Interest | A.I.C<br>in days | s Bonds                |      | t price of<br>ious days |      | tcry in Ca<br>Buy / Sel | ish (euro)<br>I Date | Trades in Pieces | Life<br>min | Life<br>Max |
|-------------------------|--|-------------------------|-------------------------|------|--------|-----------------|---------------|---------------------|---------------------|------------------|------------------------|------|-------------------------|------|-------------------------|----------------------|------------------|-------------|-------------|
| Corporate               | Bonds in Foreig                        | n Currenc               | y and Euro              | )    |        |                 |               |                     |                     |                  |                        |      |                         |      |                         |                      |                  |             |             |
| 103,746                 | GBP / 10                               | 01/12                   | 0.25                    |      | 60     | 1               | 01/12/1930    | 98                  | 2.5                 | 360              | National Mortgage Bank | 2.27 | 05/02/1996              | 2.27 | S                       | 05/02/1996           |                  | 2.27        | 2.27        |
| 0                       | GBP / 10                               | 01/12                   | 0.25                    |      | 62     | 1               | 01/12/1928    | 100                 | 2.5                 | 360              | National Mortgage Bank |      |                         |      |                         |                      |                  |             |             |

#### **Government Bonds Notes**

A.I.C: Accrued Interest Calculation base.

FLR: Floating Interest Rate.

The minimum tradeable Nominal Value for all Demeterialised Government Titles is 100 Euros.

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## Athex & ATHEXClear Members List

| ember Name  |                                 |                 | -                | Stock Market     |                 | Derivati    | ives Market     | ATHE                | XClear Membe       |
|---|---------------------------------|-----------------|------------------|------------------|-----------------|-------------|-----------------|---------------------|--------------------|
| ddress  | Phone                           | Fax             | Market<br>Member | Remote<br>Member | Market<br>Maker | Proprietary | Market<br>Maker | General<br>Clearing | Direct<br>Clearing |
| SARRIS SECURITIES S.A.  |                                 |                 | а                |                  |                 |             |                 | Cicumg              | olcaring           |
| DRAGATSANIOU ATHINA   | +30 2103367700                  | 210-3312324     |                  |                  |                 |             |                 |                     |                    |
| LPHA BANK A.E.  |                                 |                 |                  |                  |                 |             |                 | а                   |                    |
| ), STADIOU STR ATHINA   | (210)-3260000                   | (210)-3264116   |                  |                  |                 |             |                 |                     |                    |
|   | (210)-3265546                   | (210)-3265811   |                  |                  |                 |             |                 |                     |                    |
| 03, AVE. ATHINON ATHINA                                       | +30 2103436820                  | 210-3436270     |                  |                  |                 |             |                 |                     |                    |
| LPHA FINANCE INVESTMENT SERVICES S.A.                         |                                 |                 | а                |                  | а               | а           | а               |                     | а                  |
| MERLIN ATHINA   | +30 2103677400                  | 210-33311193    |                  |                  |                 |             |                 |                     |                    |
| RDU PRIME SECURITIES S.A                                      |                                 |                 | а                |                  |                 | а           |                 |                     |                    |
| 2-14, KARAGIORGI SERVIAS ATHINA                               | +30 2103800820                  | 210-3000854     |                  |                  |                 |             |                 |                     |                    |
| RGUS STOCKBROKERS LTD   | 257 22717000                    | 0005700717070   | а                | а                |                 | а           |                 |                     |                    |
| 5 , DIMOSTHENI SEVERI AVE NICOSIA                             | +357 22717000                   | 0035722717070   | _                | _                |                 |             |                 |                     |                    |
| TLANTIC SECURITIES LIMITED                                    | . 257 22445400                  | 00257 22//1014  | а                | а                |                 |             |                 |                     |                    |
| 7, PRODROMOU NICOSIA  | +357 22445400                   | 00357 22661914  |                  | а                |                 |             |                 |                     |                    |
| KIA VENTURES GROUP LTD  KRANIDIOTI 10, OFFICE 102 NICOSIA     | +357 22742000                   | 357 22742001    | а                | а                |                 |             |                 |                     |                    |
| KON SECURITIES S.A.   | +337 22742000                   | 337 22742001    | а                |                  |                 | а           |                 |                     |                    |
| B, STADIOU ATHINA   | +30 2103363800                  | 210-3243903     |                  |                  |                 |             |                 |                     |                    |
| ANK OF AMERICA MERRILL LYNCH                                  |                                 |                 | а                | а                |                 |             |                 |                     |                    |
| KING EDWARD STREET LONDON                                     | +44 20276281000                 |                 |                  |                  |                 |             |                 |                     |                    |
| ETA SECURITIES S.A.   |                                 |                 | a                |                  | а               | а           |                 |                     | а                  |
| , ALEXANDRAS AVEN. & VRAILA ATHINA                            | +30 2106478900                  | 210-6410139     |                  |                  |                 |             |                 |                     |                    |
| NP PARIBAS SECURITIES SERVICES                                |                                 |                 |                  |                  |                 |             |                 | а                   |                    |
| LAMPSAKOU ATHINA  | +30 2107468500                  | 210-7468579-581 |                  |                  |                 |             |                 |                     |                    |
| APITAL SECURITIES S.A.  |                                 |                 | а                |                  |                 | а           |                 |                     |                    |
| , MITROPOLEOS ATHINA  | +30 2103369700                  | +30 210 3369820 |                  |                  |                 |             |                 |                     |                    |
| S SECURITIES-INVESTMENT SERVICES S.A.                         |                                 |                 | а                |                  |                 |             |                 |                     |                    |
| PAPARRIGOPOULOU ATHINA  | +30 2103360800                  | +30 210-3360980 |                  |                  |                 |             |                 |                     |                    |
| TIGROUP GLOBAL MARKET LTD                                     | 44.02070074000                  |                 | а                | а                |                 |             |                 |                     |                    |
| CITIGROUP CENTER , CANADA SQ., CANARY WHARF LONDON            | +44 02079864000                 |                 |                  | -                |                 |             |                 |                     |                    |
| REDIT SUISSE SECURITIES (EUROPE) LIMITED  CABOT SQUARE LONDON | +44 2078888888                  |                 | а                | а                |                 |             |                 |                     |                    |
| YCLOS SECURITIES S.A.   | +44 207000000                   |                 | а                |                  |                 | а           |                 |                     | а                  |
| P, PANEPISTIMIOU ATHINA                                       | +30 2103364300                  | +30 210-3239122 |                  |                  |                 |             |                 |                     |                    |
| EUTSCHE BANK S.A.   |                                 |                 | а                | а                |                 | а           |                 |                     |                    |
| , GREAT WINCHESTER STREET LONDON                              | +44 20 754 54209                | 00441133361437  |                  |                  |                 |             |                 |                     |                    |
| YNAMIC SECURITIES S.A.  |                                 |                 | а                |                  |                 | а           |                 |                     | а                  |
| OMIROU ATHINA   | +30 2103677700                  | 210-3677777     |                  |                  |                 |             |                 |                     |                    |
| JROBANK EQUITIES INVESTMENT FIRM S.A                          |                                 |                 | а                |                  | а               | а           | а               |                     | а                  |
| ILELLINON 10 & XENOFONTOS 13 ATHINA                           | +30 2103720000                  | 210-3720001     |                  |                  |                 |             |                 |                     |                    |
| IROBANK ERGASIAS S.A.   |                                 |                 |                  |                  |                 |             |                 | а                   |                    |
| OTHONOS STR. ATHINA   | (210)-3337969                   | (210)-3245916   |                  |                  |                 |             |                 |                     |                    |
|   | (210)-3337000                   | (210)-3233866   |                  |                  |                 |             |                 |                     |                    |
| OTHONOS ATHINA  | +30 2103337000                  | 210-3245916     |                  |                  |                 |             |                 |                     |                    |
| JROCORP INVESTMENT SERVICES S.A.                              |                                 |                 | а                |                  |                 | а           |                 |                     | а                  |
| , FILIKIS ETERIAS SQ, ATHINA                                  | +30 2107263500                  | 2107263666      |                  |                  |                 |             |                 |                     |                    |
| JROTRUST INVESTMENT FIRM SA                                   | . 20 21022/2102                 | . 20 210 222224 | а                |                  |                 |             |                 |                     |                    |
| 3, SEVASTOUPOLEOS ATHINA                                      | +30 2103363100                  | +30 210-3238334 | -                |                  |                 | _           |                 |                     |                    |
| JROXX SECURITIES S.A.   | (210) 6070400                   | (210) 6070401   | а                |                  | а               | а           | а               |                     | а                  |
| PALAIOLOGOU CHALANDRI<br>PALEOLOGOU CHALANDRI                 | (210)-6879400<br>+30 2106879400 | (210)-6879401   |                  |                  |                 |             |                 |                     |                    |
| A. PERVANAS SECURITIES-INVESTMENT SERVICES CO S.A.            | +30 ∠ 1000 / 9400               | 210-6879401     | а                |                  |                 |             |                 |                     |                    |
| P, SOFOKLEOUS ATHINA  | +30 2103727200                  | 210-3210-291    | -                |                  |                 |             |                 |                     |                    |
| OBAL CAPITAL SECURITIES AND FINANCIAL SERVICES LTD            |                                 | 2.2 02.0 2/1    | а                | а                |                 |             |                 |                     |                    |
| , AVE. ARCHIEPISKOPOU MAKARIOU NICOSIA                        | +357 22710710                   | 357 22339332    |                  |                  |                 |             |                 |                     |                    |
| ELLENIC BANK (INVESTMENTS) LTD                                |                                 |                 |                  | а                |                 |             |                 |                     |                    |
| VE.KYRIAKOU MATSI 31 - PO BOX 24747 NICOSIA                   | +357 22500100                   | 357 22500110    |                  |                  |                 |             |                 |                     |                    |
| ELLENIC-AMERICAN SECURITIES S.A.                              |                                 |                 | а                |                  | а               | а           |                 |                     | а                  |
| , ANDREA PAPANDREOU ATHINA                                    | +30 2103311100                  | +30 210-3215968 |                  |                  |                 |             |                 |                     |                    |
| SBC FRANCE  |                                 |                 |                  |                  |                 |             |                 | а                   |                    |
|   |                                 |                 |                  |                  |                 |             |                 |                     |                    |
| 9-111, AVE. MESOGION ATHINA                                   | +30 2106960000                  | 210-6929336     |                  |                  |                 |             |                 |                     |                    |

## Athex & ATHEXClear Members List

| Member Name  |                  |                 |                  | Stock Market     |                 | Derivat     | ives Market     | ATHEX               | (Clear Meml        |
|--|------------------|-----------------|------------------|------------------|-----------------|-------------|-----------------|---------------------|--------------------|
| Address  | Phone            | Fax             | Market<br>Member | Remote<br>Member | Market<br>Maker | Proprietary | Market<br>Maker | General<br>Clearing | Direct<br>Clearing |
| NVESTMENT BANK OF GREECE S.A.                          |                  |                 | а                |                  | а               | а           | а               | а                   |                    |
| 32 , EGIALIAS & PARADISOU MAROUSI                      | +30 2108173111   | +30 210-6896325 |                  |                  |                 |             |                 |                     |                    |
| J. CHR. MAVRIKIS SECURITIES S.A.                       |                  |                 | а                |                  |                 |             |                 |                     |                    |
| 5, SOFOKLEOUS ATHINA                                   | +30 2103216730   | 210-3217767     |                  |                  |                 |             |                 |                     |                    |
| KAPPA SECURITIES S.A.                                  |                  |                 | а                |                  |                 | а           |                 |                     |                    |
| 15, VALAORITOU ATHINA                                  | +30 2103678600   | +30 210-3641002 |                  |                  |                 |             |                 |                     |                    |
| CARAMANOF SECURITIES AND INVESTMENT SERVICES S.A.      |                  |                 | а                |                  |                 | а           |                 |                     |                    |
| 2, SQ. AGION THEODORON ATHINA                          | +30 2103212947   | +30 210-3217088 |                  |                  |                 |             |                 |                     |                    |
| AIKI FINANCIAL SERVICES LTD                            |                  |                 |                  | а                |                 |             |                 |                     |                    |
| 26, AVE. VYRONOS NICOSIA                               | 357 22367367     | 357 22718567    |                  |                  |                 |             |                 |                     |                    |
| LEON DEPOLAS SECURITIES S.A.                           |                  |                 | а                |                  | а               | а           |                 |                     |                    |
| I, CHRISTOU LADA ATHINA                                | +30 2103213276   | +30 210-3211618 | -                |                  | -               |             |                 |                     |                    |
|  | +30 2103213270   | +30 210-3211010 |                  |                  |                 |             |                 |                     |                    |
| MEGA EQUITY SECURITIES & FINANCIAL SERVICES PUBLIC LTD | . 257 22711711   | 257 22711011    | а                | а                |                 | а           |                 |                     |                    |
| 12-44, AVE. GRIVA DIGENI NICOSIA                       | +357 22711711    | 357 22711811    | _                |                  |                 | _           |                 |                     |                    |
| MERIT SECURITIES S.A                                   | 20.24.422222     | 210 (071000     | а                |                  | а               | а           |                 |                     | а                  |
| 5, SOFOKLEOUS ATHINA                                   | +30 2141008800   | 210-6971830     |                  |                  |                 |             |                 |                     |                    |
| I. CHRYSSOCHOIDIS STOCK BROKERAGE I.S.S.A.             |                  |                 | а                |                  |                 | а           |                 |                     | а                  |
| -9, SOFOKLEOUS ATHINA                                  | +30 2103213913   | +30 210-3216115 |                  |                  |                 |             |                 |                     |                    |
| IATIONAL BANK OF GREECE S.A.                           |                  |                 | а                |                  | а               | а           |                 | а                   |                    |
| 8, AKADIMIAS STR. ATHINA                               | (210)-3328817    | (210)-3328678   |                  |                  |                 |             |                 |                     |                    |
| 36, AIOLOU STR. ATHINA                                 | (210)-3341000    | (210)-3228187   |                  |                  |                 |             |                 |                     |                    |
| IATIONAL SECURITIES S.A                                |                  |                 | а                |                  | а               | а           | а               |                     |                    |
| 6, KIFISIAS AVE , BUILDING A ATHINA                    | +30 2107720000   | +30 210-7720002 |                  |                  |                 |             |                 |                     |                    |
| NUNTIUS BROKERAGE AND INVESTMENT SERVICES S.A          |                  |                 | а                |                  |                 |             |                 |                     |                    |
| , DRAGATSANIOU ATHINA                                  | +30 2103350599   | +30210-3254846  |                  |                  |                 |             |                 |                     |                    |
| ONE PLUS CAPITAL LIMITED                               |                  |                 | а                | а                |                 |             |                 |                     |                    |
| 75 PRODROMOU AVENUE, ONEWORLD PARKVIEW HOUSE, 3RD F    | LOOF35M22873760  |                 |                  |                  |                 |             |                 |                     |                    |
| PANTELAKIS SECURITIES S.A.                             |                  |                 | а                |                  | a               | а           | а               |                     |                    |
| 7, ETHNIKIS ANTISTASIS B CHALANDRI                     | +30 2106965000   | 210-6929550     |                  |                  |                 |             |                 |                     |                    |
| PEGASUS SECURITIES S.A                                 |                  |                 | а                |                  |                 | а           |                 |                     |                    |
| 7 , VALAORITOU & AMERIKIS ATHINA                       | +30 2103670700   | +30 210-3670760 |                  |                  |                 |             |                 |                     |                    |
| PIRAEUS BANK S.A.                                      |                  |                 | а                |                  |                 | а           |                 | а                   |                    |
| , AMERIKIS STR ATHINA                                  | (210)-3335918    | (210)-3254207   |                  |                  |                 |             |                 |                     |                    |
| , AMERIKIS STR. ATHINA                                 | (210)-3335000    | (210)-3335079   |                  |                  |                 |             |                 |                     |                    |
| , AMERIKIS ATHINA                                      | +30 2103335000   | 210-3335079     |                  |                  |                 |             |                 |                     |                    |
|  | 730 2 103333000  | 210-3333077     | а                |                  | а               | а           | а               |                     | а                  |
| PIRAEUS SECURITIES S.A.  0, STADIOU ATHINA             | +30 2103354100   | 210-3354170     | а                |                  | a               | а           |                 |                     | а                  |
|  | 130 2 103334 100 | 210-3334170     | _                |                  |                 | -           |                 |                     |                    |
| PRELIUM INVESTMENT SERVICES S.A.                       | 20 2102477044    | 20 210 4024402  | а                |                  |                 | а           |                 |                     |                    |
| 142, KIFISIAS ATHINA                                   | +30 2103677044   | +30 210-6926403 | -                | _                |                 |             |                 |                     |                    |
| PROCHOICE SECURITIES LTD                               | 257.24.44455     | 257.24 ((24))   | а                | а                |                 |             |                 |                     |                    |
| 57, SPYROY KYPRIANOY NICOSIA                           | +357-24-661192   | +357-24-662464  |                  |                  |                 |             |                 |                     |                    |
| SHARELINK SECURITIES-FINANCIAL SERVICES LTD            |                  |                 | а                | а                |                 | а           |                 |                     |                    |
| , THEOTOKI MEGARO ELLINA NICOSIA                       | +357 22554200    | +357 22750852   |                  |                  |                 |             |                 |                     |                    |
| SOCIETE GENERALE S.A.                                  |                  |                 | а                | а                |                 | а           |                 |                     |                    |
| 17 COURS VALMY 92987 PUTEAUX - LA DEFENSE PARIS        | +33 157290504    | +33142138697    |                  |                  |                 |             |                 |                     |                    |
| OLIDUS SECURITIES S.A                                  |                  |                 | а                |                  |                 | а           |                 |                     | а                  |
| 4, LOUIZIS RIANCOUR ATHINA                             | +30 2106900600   | 210-6985421     |                  |                  |                 |             |                 |                     |                    |
| T. EM. LAVRENTAKIS SECURITIES S.A.                     |                  |                 | а                |                  |                 | а           |                 |                     |                    |
| -9, SOFOKLEOUS ATHINA                                  | +30 2103213336   | +30 210-3246572 |                  |                  |                 |             |                 |                     |                    |
| THE CYPRUS INVESTMENT & SECURITIES CORPORATION LTD     |                  |                 | а                | а                |                 |             |                 |                     |                    |
| 154, LIMASSOL AVENUE, STROVOLOS NICOSIA                | +357 22121700    | 357 22338800    |                  |                  |                 |             |                 |                     |                    |
| JBS LIMITED  |                  |                 | а                | а                |                 |             |                 |                     |                    |
| , FINSBURY AVENUE LONDON                               | +44 2075687135   |                 |                  |                  |                 |             |                 |                     |                    |

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# List of Stocks under Market Making operations

| Securities                             | Stock Category            |
|--|---------------------------|
| Market Maker                           | Start Market Making       |
| FOLLI FOLLIE (CR)                      | Suspension Status         |
| NATIONAL SECURITIES S.A                | 17/02/2014                |
| PIRAEUS SECURITIES S.A.                | 04/05/2015                |
| ADMIE (IPTO) HOLDING S.A. (CR)         | Main Market               |
| PIRAEUS SECURITIES S.A.                | 29/06/2017                |
| ALPHA BANK (CR)                        | Main Market               |
| ALPHA FINANCE INVESTMENT SERVICES S.A. | 29/02/2016                |
| EUROBANK EQUITIES INVESTMENT FIRM S.A  | 24/10/2012                |
| LEON DEPOLAS SECURITIES S.A.           | 04/01/2016                |
| MERIT SECURITIES S.A                   | 03/09/2013                |
| NATIONAL SECURITIES S.A                | 15/01/2013                |
| PIRAEUS SECURITIES S.A.                | 28/05/2013                |
| LUMIL (CR)                             | Main Market               |
| BETA SECURITIES S.A.                   | 18/07/2013                |
| TTICA BANK S.A. (CR)                   | Main Market               |
| BETA SECURITIES S.A.                   | 02/06/2014                |
| EUROXX SECURITIES S.A.                 | 22/01/2016                |
| PIRAEUS SECURITIES S.A.                | 20/09/2017                |
|  | Main Market               |
| TTICA HOLDINGS (CR)                    | Main market<br>28/12/2017 |
| HELLENIC-AMERICAN SECURITIES S.A.      |                           |
| UTOHELLAS SA (CR)                      | Main Market<br>02/07/2018 |
| EUROXX SECURITIES S.A.                 |                           |
| IYTE COMPUTER SA (CR)                  | Main Market               |
| MERIT SECURITIES S.A                   | 04/08/2013                |
| CC HBC AG (CR)                         | Main Market               |
| EUROBANK EQUITIES INVESTMENT FIRM S.A  | 23/10/2013                |
| NATIONAL SECURITIES S.A                | 29/04/2013                |
| PIRAEUS SECURITIES S.A.                | 04/05/2015                |
| ENERGY HOLDINGS (CB)                   | Main Market               |
| ALPHA FINANCE INVESTMENT SERVICES S.A. | 02/01/2017                |
| EUROBANK EQUITIES INVESTMENT FIRM S.A  | 02/01/2017                |
| CNL CAPITAL (CR)                       | Main Market               |
| MERIT SECURITIES S.A                   | 01/10/2018                |
| KTER SA (CR)                           | Main Market               |
| EUROBANK EQUITIES INVESTMENT FIRM S.A  | 16/10/2017                |
| LEON DEPOLAS SECURITIES S.A.           | 21/05/2018                |
| LASTRON (CR)                           | Main Market               |
| LEON DEPOLAS SECURITIES S.A.           | 20/02/2017                |
|  |                           |
| LLAKTOR (CR)                           | Main Market               |
| EUROBANK EQUITIES INVESTMENT FIRM S.A  | 01/06/2013                |
| EUROXX SECURITIES S.A.                 | 24/09/2018                |
| NATIONAL SECURITIES S.A                | 25/06/2013                |
| PIRAEUS SECURITIES S.A.                | 22/10/2018                |
| LTON SA (CR)                           | Main Market               |
| BETA SECURITIES S.A.                   | 03/09/2013                |
| LVALHALCOR (CB)                        | Main Market               |
| ALPHA FINANCE INVESTMENT SERVICES S.A. | 07/05/2018                |
| EUROBANK EQUITIES INVESTMENT FIRM S.A  | 07/05/2018                |
| UROBANK ERGASIAS (CR)                  | Main Market               |
| ALPHA FINANCE INVESTMENT SERVICES S.A. | 08/01/2013                |
| EUROBANK EQUITIES INVESTMENT FIRM S.A  | 01/06/2013                |
| HELLENIC-AMERICAN SECURITIES S.A.      | 25/07/2014                |
| MERIT SECURITIES S.A.                  | 06/11/2017                |
| NATIONAL SECURITIES S.A                | 01/01/2017                |
| PIRAEUS SECURITIES S.A.                | 28/09/2013                |
| PIKAEUS SECURITIES S.A.  OURLIS (CR)   |                           |
| · ·                                    | Main Market               |
| EUROBANK EQUITIES INVESTMENT FIRM S.A  | 01/12/2016                |
| EUROXX SECURITIES S.A.                 | 01/12/2016                |
| PIRAEUS SECURITIES S.A.                | 06/03/2017                |
| EK TERNA (CR)                          | Main Market               |
| HELLENIC-AMERICAN SECURITIES S.A.      | 07/09/2015                |
| R. SARANTIS S.A. (CR)                  | Main Market               |
| ALPHA FINANCE INVESTMENT SERVICES S.A. | 19/06/2018                |
| BETA SECURITIES S.A.                   | 14/05/2013                |
| EUROBANK EQUITIES INVESTMENT FIRM S.A  | 24/10/2016                |
| GRIVALIA PROPERTIES (CR)               | Main Market               |
| · X- /                                 | 20/09/2017                |

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# List of Stocks under Market Making operations

| Securities  | Stock Category            |
|---|---------------------------|
| Market Maker  | Start Market Making       |
| HELLENIC EXCHANGES-A.S.E. (CR)                                    | Main Market               |
| HELLENIC-AMERICAN SECURITIES S.A.                                 | 01/09/2014                |
| NATIONAL SECURITIES S.A   | 25/06/2013                |
| PIRAEUS SECURITIES S.A.   | 04/05/2015                |
| HELLENIC PETROLEUM (CR)   | Main Market               |
| HELLENIC-AMERICAN SECURITIES S.A. PIRAEUS SECURITIES S.A.         | 14/09/2015<br>20/03/2017  |
| HYGEIA SA (CR)  | 20/03/2017<br>Main Market |
| HELLENIC-AMERICAN SECURITIES S.A.                                 | 18/04/2016                |
| INTRACOM CONSTR. (CR)   | Main Market               |
| MERIT SECURITIES S.A  | 05/06/2018                |
| INTRACOM HOLDINGS (CR)  | Main Market               |
| ALPHA FINANCE INVESTMENT SERVICES S.A.                            | 03/08/2018                |
| LEON DEPOLAS SECURITIES S.A.                                      | 08/10/2018                |
| INTRALOT (CR)   | Main Market               |
| ALPHA FINANCE INVESTMENT SERVICES S.A.                            | 03/07/2017                |
| EUROBANK EQUITIES INVESTMENT FIRM S.A                             | 18/12/2017                |
| HELLENIC-AMERICAN SECURITIES S.A.                                 | 30/05/2018                |
| PANTELAKIS SECURITIES S.A.  DIDAELIS SECURITIES S.A.              | 07/05/2018<br>29/09/2012  |
| PIRAEUS SECURITIES S.A.  J & P - AVAX SA (CR)                     | 28/09/2013<br>Main Market |
| EUROBANK EQUITIES INVESTMENT FIRM S.A                             | 14/12/2015                |
| JUMBO SA (CR)   | Main Market               |
| MERIT SECURITIES S.A  | 06/11/2017                |
| PIRAEUS SECURITIES S.A.   | 06/03/2017                |
| KLOUKINAS - LAPPAS SA (CR)  | Main Market               |
| BETA SECURITIES S.A.  | 22/09/2014                |
| KRI-KRI S.A. (CR)   | Main Market               |
| EUROBANK EQUITIES INVESTMENT FIRM S.A                             | 07/05/2018                |
| LEON DEPOLAS SECURITIES S.A.                                      | 16/01/2017                |
| LAMDA DEVELOPMENT SA (CR)   | Main Market               |
| EUROBANK EQUITIES INVESTMENT FIRM S.A  PANTELAKIS SECURITIES S.A. | 08/12/2014<br>06/11/2017  |
| PIRAEUS SECURITIES S.A.   | 29/06/2017                |
| LAMPSA HOTEL SA (CR)  | Main Market               |
| LEON DEPOLAS SECURITIES S.A.                                      | 16/01/2017                |
| MARFIN INVESTMENT GROUP (CR)                                      | Main Market               |
| HELLENIC-AMERICAN SECURITIES S.A.                                 | 25/07/2014                |
| LEON DEPOLAS SECURITIES S.A.                                      | 20/02/2017                |
| PIRAEUS SECURITIES S.A.   | 02/02/2013                |
| MLS MULTIMEDIA SA (CR)  | Main Market               |
| HELLENIC-AMERICAN SECURITIES S.A.                                 | 07/12/2015                |
| MOTOR OIL (CR)  | Main Market               |
| HELLENIC-AMERICAN SECURITIES S.A. NATIONAL SECURITIES S.A         | 01/09/2014<br>17/02/2014  |
| PIRAEUS SECURITIES S.A.   | 04/05/2015                |
| MYTILINEOS HOLDINGS (CR)  | Main Market               |
| EUROBANK EQUITIES INVESTMENT FIRM S.A                             | 20/09/2017                |
| NATIONAL SECURITIES S.A   | 25/06/2013                |
| PIRAEUS SECURITIES S.A.   | 04/05/2015                |
| NATIONAL BANK (CR)  | Main Market               |
| ALPHA FINANCE INVESTMENT SERVICES S.A.                            | 08/01/2013                |
| EUROBANK EQUITIES INVESTMENT FIRM S.A                             | 24/10/2012                |
| HELLENIC-AMERICAN SECURITIES S.A.                                 | 25/07/2014                |
| LEON DEPOLAS SECURITIES S.A.                                      | 20/04/2015                |
| MERIT SECURITIES S.A  | 03/09/2013                |
| NATIONAL SECURITIES S.A PIRAEUS SECURITIES S.A.                   | 28/02/2013<br>08/09/2013  |
| PIRAEUS SECURITIES S.A.  OPAP (CR)                                | บช/บ9/2013<br>Main Market |
| ALPHA FINANCE INVESTMENT SERVICES S.A.                            | 08/01/2013                |
| EUROBANK EQUITIES INVESTMENT FIRM S.A                             | 24/10/2012                |
| HELLENIC-AMERICAN SECURITIES S.A.                                 | 25/07/2014                |
| MERIT SECURITIES S.A  | 20/03/2017                |
| NATIONAL SECURITIES S.A   | 15/01/2013                |
| PIRAEUS SECURITIES S.A.   | 04/05/2015                |

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# List of Stocks under Market Making operations

| Securities  | Stock Category            |
|---|---------------------------|
| Market Maker  | Start Market Making       |
| DTE (CR)  | Main Market               |
| ALPHA FINANCE INVESTMENT SERVICES S.A.                      | 08/01/2013                |
| EUROBANK EQUITIES INVESTMENT FIRM S.A                       | 24/10/2012                |
| HELLENIC-AMERICAN SECURITIES S.A.                           | 25/07/2014                |
| MERIT SECURITIES S.A  | 20/03/2017                |
| NATIONAL SECURITIES S.A                                     | 01/12/2012                |
| PIRAEUS SECURITIES S.A.                                     | 08/09/2013                |
| PAPOUTSANIS (CR)  | Main Market               |
| BETA SECURITIES S.A.  | 25/11/2013                |
| PETROPOULOS PETROS (CR)                                     | Main Market               |
| BETA SECURITIES S.A.  | 28/05/2013                |
| PIRAEUS BANK (CR)   | Main Market               |
| EUROBANK EQUITIES INVESTMENT FIRM S.A                       | 23/10/2012                |
| EUROXX SECURITIES S.A.                                      | 15/02/2016                |
| MERIT SECURITIES S.A  | 16/09/2013                |
| NATIONAL SECURITIES S.A                                     | 02/06/2013                |
| PIRAEUS SECURITIES S.A.                                     | 16/02/2013                |
| PLAISIO COMPUTERS SA (CR)                                   | Main Market               |
| BETA SECURITIES S.A.  | 05/05/2014                |
| EUROBANK EQUITIES INVESTMENT FIRM S.A                       | 02/03/2015                |
| PPC (CR)  | Main Market               |
| ALPHA FINANCE INVESTMENT SERVICES S.A.                      | 08/01/2013                |
| ALPHA FINANCE INVESTMENT SERVICES S.A.                      | 23/07/2018                |
| EUROBANK EQUITIES INVESTMENT FIRM S.A                       | 23/10/2012                |
| HELLENIC-AMERICAN SECURITIES S.A.                           | 28/12/2017                |
| MERIT SECURITIES S.A  | 06/11/2017                |
| NATIONAL SECURITIES S.A                                     | 26/03/2013                |
| PIRAEUS SECURITIES S.A.                                     | 28/09/2013                |
| DUALITY & RELIABILITY SA (CR)                               | Main Market               |
| BETA SECURITIES S.A.  | 20/08/2014                |
| DUEST HOLDINGS (CR)   | Main Market               |
| BETA SECURITIES S.A.  | 26/03/2018                |
| S.KANAKIS SA (CR)   | Main Market               |
| BETA SECURITIES S.A.  | 01/10/2013                |
| THRACE PLASTICS SA (CR)                                     | Main Market               |
| ALPHA FINANCE INVESTMENT SERVICES S.A.                      | 26/03/2018                |
| EUROBANK EQUITIES INVESTMENT FIRM S.A                       | 26/03/2018                |
|   | Main Market               |
| TTAN CEMENT (CR)  NATIONAL SECURITIES S.A                   | 17/02/2014                |
| PIRAEUS SECURITIES S.A.                                     | 04/05/2015                |
|   | 04/05/2015<br>Main Market |
| /IOHALCO SA/NV (CB)  ALPHA FINANCE INVESTMENT SERVICES S.A. | Main Market<br>17/02/2014 |
|   |                           |
| EUROBANK EQUITIES INVESTMENT FIRM S.A                       | 01/01/2017                |
| MERIT SECURITIES S.A  | 17/03/2014                |

Daily Official List Year: 139 Trading Day No: 233

Section 7: Index Futures

Tuesday, 4 December, 2018

|           | Und  | erlyin  | g Asset       |          |                |            |           |           |            |               |          |          | Derivatives Mar | rket         |    |          |          |        |        |  |
|-----------|------|---------|---------------|----------|----------------|------------|-----------|-----------|------------|---------------|----------|----------|-----------------|--------------|----|----------|----------|--------|--------|--|
| Price max | Pric | e min C | Closing price | e change | Delivery Month | Open price | Price max | Price min | Last price | Closing price | Last Bid | Last Ask | F               | ixing price* | Li | e high   | Life low | Trades | Volume | Open Interest  (Trade Unit: 1 Index Point x 2€. Cash Settlement) |
| FTSE/Ath  | hex  | Large   | Сар           |          |                |            |           |           |            |               |          |          |                 |              |    |          |          |        |        | (Trade Unit: 1 Index Point x 2€, Cash Settlement)                |
| 1,749.56  | 1,7  | 21.02   | 1,727.76      | -0.40%   | December 2018  | 1,729.00   | 1,741.00  | 1,717.00  | 1,726.00   | 1,726.00      |          |          |                 | 1,718.50     |    | 1,741.00 |          | 251    | 1,052  | 3,806  |
|           |      |         |               |          | January 2019   | 1,740.00   | 1,740.00  | 1,720.25  | 1,723.25   | 1,723.25      |          |          |                 | 1,718.50     |    | 1,740.00 |          | 16     | 63     | 169  |
|           |      |         |               |          | February 2019  |            |           |           |            | 1,741.75      |          |          |                 |              |    |          |          |        |        |  |
|           |      |         |               |          | March 2019     |            |           |           |            | 1,744.50      |          |          |                 |              |    |          |          |        |        |  |
|           |      |         |               |          | June 2019      |            |           |           |            | 1,754.00      |          |          |                 |              |    |          |          |        |        |  |
|           |      |         |               |          | September 2019 |            |           |           |            | 1,762.75      |          |          |                 |              |    |          |          |        |        | <b></b>  |

Derivatives notes

Fixing prices and final open positions can be retrieved from the following path http://www.helex.gr/el/web/guest/statistics-end-of-day-derivatives

Section 7: Stock Futures Tuesday, 4 December, 2018

|  |       |    |        |       |                | t        | atives Ma | Deriv    |          |           |               |              |            |               |                |          | <b>A</b> sset | Inderlyin   |           |
|--|-------|----|--------|-------|----------------|----------|-----------|----------|----------|-----------|---------------|--------------|------------|---------------|----------------|----------|---------------|-------------|-----------|
| Open Interest                              | olume | Vo | Trades | e low | Life high Life | g price* | 1         | Last Ask | Last Bid | ing price | st price Clos | rice min Las | rice max P | Open price Pr | Delivery Month | e change | losing price  | Price min ( | Price max |
| (Contract Size: 100 Securities, Physical D |       |    |        |       |                |          |           |          |          |           |               |              |            |               |                | A. (CR)  | DING S.       | TO) HOL     | DMIE (I   |
| 9,306                                      | 61    |    | 14     |       | 1.74           |          |           |          |          | 1.66      | 1.66          | 1.63         | 1.66       | 1.65          | December 2018  | 1.23%    | 1.642         | 1.618       | 1.648     |
| 20   | 20    |    | 6      |       | 1.67           |          |           |          |          | 1.66      | 1.66          | 1.65         | 1.67       | 1.65          | March 2019     |          |               |             |           |
|  |       |    |        |       |                |          |           |          |          | 1.64      |               |              |            |               | June 2019      |          |               |             |           |
|  |       |    |        |       |                |          |           |          |          | 1.65      |               |              |            |               | September 2019 |          |               |             |           |
| (Contract Size: 100 Securities, Physical D |       |    |        |       |                |          |           |          |          |           |               |              |            |               |                |          |               | ANK (CR)    | LPHA E    |
| 20,385                                     | 4,514 |    | 285    |       | 1.70           |          |           |          |          | 1.34      | 1.34          | 1.33         | 1.40       | 1.38          | December 2018  | -2.19%   | 1.34          | 1.325       | 1.398     |
| 486  | 105   |    | 17     |       | 1.44           |          |           |          |          | 1.36      | 1.36          | 1.33         | 1.42       | 1.42          | March 2019     |          |               |             |           |
|  |       |    |        |       |                |          |           |          |          | 1.39      |               |              |            |               | June 2019      |          |               |             |           |
|  |       |    |        |       |                |          |           |          |          | 1.39      |               |              |            |               | September 2019 |          |               |             |           |
| (Contract Size: 100 Securities, Physical D |       |    |        |       |                |          |           |          |          |           |               |              |            |               |                |          | (CR)          | ANK S.A     | TTICA     |
| 339  |       |    |        |       | 0.176          |          | (         |          |          | 0.125     |               |              |            |               | December 2018  | -1.28%   | 0.1234        | 0.122       | 0.1278    |
|  |       |    |        |       |                |          |           |          |          | 0.126     |               |              |            |               | March 2019     |          |               |             |           |
|  |       |    |        |       |                |          |           |          |          | 0.126     |               |              |            |               | June 2019      |          |               |             |           |
|  |       |    |        |       |                |          |           |          |          | 0.127     |               |              |            |               | September 2019 |          |               |             |           |
| (Contract Size: 100 Securities, Physical D |       |    |        |       |                |          |           |          |          |           |               |              |            |               |                |          |               | G (CR)      | СНВС      |
| 223  | 39    |    | 11     |       | 29.55          |          | :         |          |          | 27.44     | 27.44         | 27.40        | 27.86      | 27.86         | December 2018  | 0.59%    | 27.38         | 27.22       | 27.9      |
| 1  |       |    |        |       | 27.08          |          | :         |          |          | 27.37     |               |              |            |               | March 2019     |          |               |             |           |
|  |       |    |        |       |                |          |           |          |          | 27.52     |               |              |            |               | June 2019      |          |               |             |           |
|  |       |    |        |       |                |          |           |          |          | 27.66     |               |              |            |               | September 2019 |          |               |             |           |
| (Contract Size: 100 Securities, Physical D |       |    |        |       |                |          |           |          |          |           |               |              |            |               |                | )        | GS (CB)       | ' HOLDIN    | ENERG     |
| 4,082                                      | 199   |    | 34     |       | 1.29           |          |           |          |          | 1.23      | 1.23          | 1.20         | 1.23       | 1.22          | December 2018  | -0.82%   | 1.21          | 1.19        | 1.25      |
| 513  | 19    |    | 4      |       | 1.28           |          |           |          |          | 1.20      | 1.20          | 1.20         | 1.25       | 1.25          | March 2019     |          |               |             |           |
|  |       |    |        |       |                |          |           |          |          | 1.23      |               |              |            |               | June 2019      |          |               |             |           |
|  |       |    |        |       |                |          |           |          |          | 1.24      |               |              |            |               | September 2019 |          |               |             |           |
| (Contract Size: 100 Securities, Physical D |       |    |        |       |                |          |           |          |          |           |               |              |            |               |                |          |               | R (CR)      | LLAKT     |
| 5,259                                      | 518   |    | 127    |       | 1.79           |          |           |          |          | 1.34      | 1.34          | 1.29         | 1.34       | 1.29          | December 2018  | 0.91%    | 1.336         | 1.292       | 1.336     |
| 88   | 43    |    | 9      |       | 1.33           |          |           |          |          | 1.33      | 1.33          | 1.26         | 1.33       | 1.26          | March 2019     |          |               |             |           |
|  |       |    |        |       |                |          |           |          |          | 1.34      |               |              |            |               | June 2019      |          |               |             |           |
|  |       |    |        |       |                |          |           |          |          | 1.35      |               |              |            |               | September 2019 |          |               |             |           |
| (Contract Size: 100 Securities, Physical D |       |    |        |       |                |          |           |          |          |           |               |              |            |               |                | R)       | SIAS (C       | IK ERGA     | UROBA     |
| 53,153                                     | 9,202 |    | 417    |       | 0.716          |          | (         |          |          | 0.563     | 0.563         | 0.556        | 0.605      | 0.605         | December 2018  | -6.00%   | 0.564         | 0.561       | 0.6       |
| 9,763                                      | 2,011 |    | 69     |       | 0.596          |          | (         |          |          | 0.563     | 0.563         | 0.555        | 0.592      | 0.591         | March 2019     |          |               |             |           |
|  |       |    |        |       |                |          |           |          |          | 0.607     |               |              |            |               | June 2019      |          |               |             |           |
| <u></u>                                    |       |    |        |       |                |          |           |          |          | 0.610     |               |              |            |               | September 2019 |          |               |             |           |

Derivatives notes

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Hellenic Exchanges – Athens Stock Exchange S.A. Market Operation & Development Division - Statistics & Information Services

| Under             | rlying As   | set            |                |              |            |              |               |           |          | Derivat  | ives Market   |               |       |        |        |  |
|-------------------|-------------|----------------|----------------|--------------|------------|--------------|---------------|-----------|----------|----------|---------------|---------------|-------|--------|--------|--|
| Price max Price n | min Closino | g price change | Delivery Month | Open price F | rice max I | Price min La | st price Clos | ing price | Last Bid | Last Ask | Fixing price* | Life high Lif | e low | Trades | Volume | Open Interest                                    |
| EYDAP S.A. (C     | CR)         |                |                |              |            |              |               |           |          |          |               |               |       |        |        | (Contract Size: 100 Securities, Physical Deliver |
| 5.25 5            | 5.0         | 09 -1.93%      | December 2018  | 5.24         | 5.24       | 5.06         | 5.06          | 5.06      |          |          | 5.21          | 5.53          |       | 7      | 21     | 666  |
|                   |             |                | March 2019     |              |            |              |               | 5.22      |          |          |               |               |       |        |        |  |
|                   |             |                | June 2019      |              |            |              |               | 5.25      |          |          |               |               |       |        |        |  |
|                   |             |                | September 2019 |              |            |              |               | 5.27      |          |          |               |               |       | -      |        | <del></del>                                      |
| FOURLIS (CR)      |             |                |                |              |            |              |               |           |          |          |               |               |       |        |        | (Contract Size: 100 Securities, Physical Deliver |
| 4.865 4.68        | 3 4.        | 75 1.06%       | December 2018  | 4.70         | 4.83       | 4.70         | 4.74          | 4.74      |          |          | 4.71          | 5.77          |       | 16     | 19     | 169  |
|                   |             |                | March 2019     |              |            |              |               | 4.73      |          |          | 4.70          | 4.24          |       |        |        |  |
|                   |             |                | June 2019      |              |            |              |               | 4.75      |          |          | 4.75          | 4.55          |       |        |        | 1  |
|                   |             |                | September 2019 |              |            |              |               | 4.78      |          |          |               |               |       |        |        |  |
| GEK TERNA (C      | CR)         |                |                |              |            |              |               |           |          |          |               |               |       |        |        | (Contract Size: 100 Securities, Physical Deliver |
| 4.73 4.58         | 3 4.6       | 75 -0.11%      | December 2018  | 4.70         | 4.73       | 4.62         | 4.66          | 4.66      |          |          | 4.70          | 5.30          |       | 29     | 93     | 4,967  |
|                   |             |                | March 2019     |              |            |              |               | 4.71      |          |          | 4.72          | 4.55          |       |        |        | 22   |
|                   |             |                | June 2019      |              |            |              |               | 4.73      |          |          |               |               |       |        |        |  |
|                   |             |                | September 2019 |              |            |              |               | 4.76      |          |          |               |               |       |        |        |  |
| GRIVALIA PRO      | OPERTIE     | S (CR)         |                |              |            |              |               |           |          |          |               |               |       |        |        | (Contract Size: 100 Securities, Physical Deliver |
| 9.38 8.96         | 5 9.        | 1 -2.36%       | December 2018  | 9.32         | 9.32       | 9.00         | 9.08          | 9.08      |          |          | 9.13          | 9.39          |       | 8      | 34     | 202  |
|                   |             |                | March 2019     | 9.11         | 9.11       | 9.11         | 9.11          | 9.11      |          |          | 9.19          | 9.30          |       | 1      | 1      | 1  |
|                   |             |                | June 2019      |              |            |              |               | 9.42      |          |          |               |               |       |        |        |  |
|                   |             |                | September 2019 |              |            |              |               | 9.47      |          |          |               |               |       |        |        | <u></u>  |
| HELLENIC EXC      | CHANGE      | S-A.S.E. (CF   | ?)             |              |            |              |               |           |          |          |               |               |       |        |        | (Contract Size: 100 Securities, Physical Deliver |
| 4.13 4.005        | 5 4.        | 1 1.36%        | December 2018  | 4.05         | 4.13       | 4.05         | 4.12          | 4.12      |          |          | 4.07          | 4.52          |       | 41     | 109    | 672  |
|                   |             |                | March 2019     |              |            |              |               | 4.07      |          |          | 3.95          | 3.75          |       |        |        | 4  |
|                   |             |                | June 2019      |              |            |              |               | 4.09      |          |          |               |               |       |        |        |  |
|                   |             |                | September 2019 |              |            |              |               | 4.11      |          |          |               |               |       | -      |        |  |
| HELLENIC PET      | TROLEU      | M (CR)         |                |              |            |              |               |           |          |          |               |               |       |        |        | (Contract Size: 100 Securities, Physical Deliver |
| 7.77 7.54         | 1 7.        | 74 1.58%       | December 2018  | 7.50         | 7.54       | 7.38         | 7.49          | 7.49      |          |          | 7.49          | 7.87          |       | 42     | 145    | 2,618  |
|                   |             |                | March 2019     | 7.50         | 7.50       | 7.44         | 7.44          | 7.44      |          |          | 7.53          | 7.50          |       | 2      | 5      | 6  |
|                   |             |                | June 2019      |              |            |              |               | 7.70      |          |          |               |               |       |        |        |  |
|                   |             |                | September 2019 |              |            |              |               | 7.74      |          |          |               |               |       |        |        |  |
| INTRACOM HO       | OLDINGS     | (CR)           |                |              |            |              |               |           |          |          |               |               |       |        |        | (Contract Size: 57 Securities, Physical Deliver  |
| 0.716 0.69        | 9 0.6       | 59 0.73%       | December 2018  | 0.694        | 0.709      | 0.690        | 0.690         | 0.690     |          |          | 0.778         | 1.17          |       | 11     | 295    | 4,420  |
|                   |             |                | March 2019     | 0.713        | 0.714      | 0.695        | 0.695         | 0.695     |          |          | 0.790         | 0.760         |       | 10     | 128    | 267  |
|                   |             |                | June 2019      |              |            |              |               | 0.693     |          |          |               |               |       |        |        |  |
|                   |             |                | September 2019 |              |            |              |               | 0.696     |          |          |               |               |       |        |        |  |

#### Derivatives notes

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Hellenic Exchanges – Athens Stock Exchange S.A. Market Operation & Development Division - Statistics & Information Services

Tuesday, 4 December, 2018

|   |        |       |      |          |             | s Market      | Derivati |          |           |               |              |            |              |                |          | <b>J</b> Asset | Inderlyin   |           |
|---|--------|-------|------|----------|-------------|---------------|----------|----------|-----------|---------------|--------------|------------|--------------|----------------|----------|----------------|-------------|-----------|
| Open Interest                               | Volume | rades | Trad | Life low | Life high I | Fixing price* | _ast Ask | Last Bid | ing price | st price Clos | Price min La | rice max F | Open price P | Delivery Month | change   | losing price   | Price min C | Price max |
| (Contract Size: 100 Securities, Physical De |        |       |      |          |             |               |          |          |           |               |              |            |              |                |          |                | Γ (CR)      | INTRALC   |
| 3,712                                       | 271    | 24    |      |          | 0.740       | 0.530         |          |          | 0.529     | 0.529         | 0.529        | 0.539      | 0.530        | December 2018  | 1.53%    | 0.531          | 0.524       | 0.54      |
| 39  |        |       |      |          | 0.522       | 0.522         |          |          | 0.526     |               |              |            |              | March 2019     |          |                |             |           |
|   |        |       |      |          |             |               |          |          | 0.529     |               |              |            |              | June 2019      |          |                |             |           |
| <b>-</b>                                    |        |       |      |          |             |               |          |          | 0.531     |               |              |            |              | September 2019 |          |                |             |           |
| (Contract Size: 100 Securities, Physical De |        |       |      |          |             |               |          |          |           |               |              |            |              |                |          |                | A (CR)      | JUMBO S   |
| 1,005                                       | 18     | 6     |      |          | 13.65       | 13.81         |          |          | 13.65     | 13.65         | 13.44        | 13.65      | 13.44        | December 2018  | 0.29%    | 13.86          | 13.56       | 13.86     |
|   |        |       |      |          |             |               |          |          | 13.90     |               |              |            |              | March 2019     |          |                |             |           |
|   |        |       |      |          |             |               |          |          | 13.97     |               |              |            |              | June 2019      |          |                |             |           |
|   |        |       |      |          |             |               |          |          | 14.04     |               |              |            |              | September 2019 |          |                |             |           |
| (Contract Size: 100 Securities, Physical De |        |       |      |          |             |               |          |          |           |               |              |            |              |                | A (CR)   | MENT SA        | EVELOPI     | LAMDA I   |
| 1,814                                       | 78     | 24    |      |          | 6.95        | 5.91          |          |          | 5.90      | 5.90          | 5.90         | 6.03       | 5.98         | December 2018  | -0.68%   | 5.88           | 5.88        | 6.03      |
| 33  | 15     | 2     |      |          | 6.01        | 5.95          |          |          | 5.95      | 5.95          | 5.95         | 5.95       | 5.95         | March 2019     |          |                |             |           |
|   |        |       |      |          |             |               |          |          | 5.99      |               |              |            |              | June 2019      |          |                |             |           |
|   |        |       |      |          |             |               |          |          | 6.02      |               |              |            |              | September 2019 |          |                |             |           |
| (Contract Size: 100 Securities, Physical De |        |       |      |          |             |               |          |          |           |               |              |            |              |                | OUP (CR) | NT GRO         | NVESTMI     | MARFIN    |
| 49,447                                      | 2,189  | 73    |      |          | 0.101       | 0.076         |          |          | 0.077     | 0.077         | 0.076        | 0.080      | 0.077        | December 2018  | 0.80%    | 0.0755         | 0.0749      | 0.08      |
| 2,027                                       | 2      | 1     |      |          | 0.092       | 0.077         |          |          | 0.077     | 0.077         | 0.077        | 0.077      | 0.077        | March 2019     |          |                |             |           |
|   |        |       |      |          |             |               |          |          | 0.076     |               |              |            |              | June 2019      |          |                |             |           |
| <u></u>                                     |        |       |      |          |             |               |          |          | 0.076     |               |              |            |              | September 2019 |          |                |             |           |
| (Contract Size: 100 Securities, Physical De |        |       |      |          |             |               |          |          |           |               |              |            |              |                |          |                | IL (CR)     | MOTOR     |
| 210   | 23     | 16    |      |          | 23.35       | 21.11         |          |          | 20.70     | 20.70         | 20.22        | 20.70      | 20.22        | December 2018  | 3.18%    | 21.1           | 20.3        | 21.1      |
| 7   | 1      | 1     |      |          | 22.05       | 21.17         |          |          | 20.40     | 20.40         | 20.40        | 20.40      | 20.40        | March 2019     |          |                |             |           |
|   |        |       |      |          |             |               |          |          | 20.68     |               |              |            |              | June 2019      |          |                |             |           |
|   |        |       |      |          |             |               |          |          | 20.78     |               |              |            |              | September 2019 |          |                |             |           |
| (Contract Size: 100 Securities, Physical De |        |       |      |          |             |               |          |          |           |               |              |            |              |                | R)       | INGS (C        | OS HOLE     | MYTILIN   |
| 7,590                                       | 506    | 152   | 1    |          | 9.05        | 8.00          |          |          | 8.00      | 8.00          | 7.96         | 8.18       | 8.17         | December 2018  | -3.40%   | 7.95           | 7.92        | 8.2       |
| 112   | 19     | 10    |      |          | 8.75        | 8.02          |          |          | 8.03      | 8.03          | 8.03         | 8.17       | 8.11         | March 2019     |          |                |             |           |
| 30  |        |       |      |          | 7.24        | 7.67          |          |          | 8.32      |               |              |            |              | June 2019      |          |                |             |           |
|   |        |       |      |          |             |               |          |          | 8.36      |               |              |            |              | September 2019 |          |                |             |           |
| (Contract Size: 10 Securities, Physical De  |        |       |      |          |             |               |          |          |           |               |              |            |              |                |          | CR)            | L BANK (    | NATION    |
| 244,406                                     | 40,638 | 389   | 3    |          | 2.30        | 1.16          |          |          | 1.15      | 1.15          | 1.14         | 1.22       | 1.20         | December 2018  | -2.71%   | 1.148          | 1.148       | 1.212     |
| 3,388                                       | 832    | 48    |      |          | 1.23        | 1.16          |          |          | 1.15      | 1.15          | 1.15         | 1.21       | 1.20         | March 2019     |          |                |             |           |
|   |        |       |      |          |             |               |          |          | 1.19      |               |              |            |              | June 2019      |          |                |             |           |
|   |        |       |      |          |             |               |          |          | 1.20      |               |              |            |              | September 2019 |          |                |             |           |

Derivatives notes

Fixing prices and final open positions can be retrieved from the following path <a href="http://www.helex.gr/el/web/guest/statistics-end-of-day-derivatives">http://www.helex.gr/el/web/guest/statistics-end-of-day-derivatives</a>

Hellenic Exchanges – Athens Stock Exchange S.A.

Section 7, 3/5

Section 7: Stock Futures Tuesday, 4 December, 2018

|   |       |   |        |       |                   |      | ves Market    | Derivat  |          |            |               |              |            |               |                |          | g Asset       | Jnderlyin |           |
|---|-------|---|--------|-------|-------------------|------|---------------|----------|----------|------------|---------------|--------------|------------|---------------|----------------|----------|---------------|-----------|-----------|
| Open Interest                                 | olume | ٧ | Trades | e low | Life high Life lo | Life | Fixing price* | Last Ask | Last Bid | sing price | st price Clos | Price min La | rice max F | Open price Pr | Delivery Month | e change | Closing price | Price min | Price max |
| (Contract Size: 100 Securities, Physical Deli |       |   |        |       |                   |      |               |          |          |            |               |              |            |               |                |          |               | R)        | OPAP (C   |
| 2,188   | 337   |   | 78     |       | 9.67              |      | 8.74          |          |          | 8.70       | 8.70          | 7.97         | 8.80       | 8.00          | December 2018  | 0.69%    | 8.71          | 8.605     | 8.8       |
| 432   | 26    |   | 2      |       | 9.16              |      | 8.77          |          |          | 8.75       | 8.75          | 8.75         | 8.77       | 8.77          | March 2019     |          |               |           |           |
|   |       |   |        |       |                   |      |               |          |          | 8.75       |               |              |            |               | June 2019      |          |               |           |           |
| - <u>-</u>                                    |       |   |        |       |                   |      |               |          |          | 8.79       |               |              |            |               | September 2019 |          |               |           |           |
| (Contract Size: 100 Securities, Physical Deli |       |   |        |       |                   |      |               |          |          |            |               |              |            |               |                |          |               |           | OTE (CR   |
| 2,195   | 473   |   | 92     |       | 11.06             |      | 10.71         |          |          | 10.86      | 10.86         | 10.67        | 10.90      | 10.84         | December 2018  | -0.27%   | 10.88         | 10.64     | 10.89     |
| 3   | 2     |   | 1      |       | 10.85             |      | 10.77         |          |          | 10.85      | 10.85         | 10.85        | 10.85      | 10.85         | March 2019     |          |               |           |           |
|   |       |   |        |       |                   |      |               |          |          | 11.03      |               |              |            |               | June 2019      |          |               |           |           |
|   |       |   |        |       |                   |      |               |          |          | 11.09      |               |              |            |               | September 2019 |          |               |           |           |
| (Contract Size: 100 Securities, Physical Deli |       |   |        |       |                   |      |               |          |          |            |               |              |            |               |                |          |               | A. (CR)   | P.P.A. S  |
| 267   | 7     |   | 2      |       | 16.84             |      | 16.08         |          |          | 16.17      | 16.17         | 16.16        | 16.17      | 16.16         | December 2018  | -0.74%   | 15.98         | 15.9      | 16.28     |
| 290   |       |   |        |       | 16.48             |      | 16.15         |          |          | 16.19      |               |              |            |               | March 2019     |          |               |           |           |
|   |       |   |        |       |                   |      |               |          |          | 16.28      |               |              |            |               | June 2019      |          |               |           |           |
|   |       |   |        |       |                   |      |               |          |          | 16.36      |               |              |            |               | September 2019 |          |               |           |           |
| (Contract Size: 100 Securities, Physical Deli |       |   |        |       |                   |      |               |          |          |            |               |              |            |               |                |          | R)            | BANK (0   | PIRAEU    |
| 18,508  | 5,350 |   | 424    |       | 2.47              |      | 0.946         |          |          | 0.952      | 0.952         | 0.940        | 1.04       | 0.985         | December 2018  | -2.06%   | 0.95          | 0.937     | 1.033     |
| 690   | 570   |   | 28     |       | 1.25              |      | 0.945         |          |          | 0.945      | 0.945         | 0.945        | 1.03       | 1.00          | March 2019     |          |               |           |           |
|   |       |   |        |       |                   |      |               |          |          | 0.981      |               |              |            |               | June 2019      |          |               |           |           |
|   |       |   |        |       |                   |      |               |          |          | 0.986      |               |              |            |               | September 2019 |          |               |           |           |
| (Contract Size: 100 Securities, Physical Deli |       |   |        |       |                   |      |               |          |          |            |               |              |            |               |                |          |               |           | PPC (CR   |
| 8,883   | 1,244 |   | 192    |       | 1.75              |      | 1.43          |          |          | 1.40       | 1.40          | 1.38         | 1.45       | 1.38          | December 2018  | 2.16%    | 1.418         | 1.378     | 1.444     |
| 70  | 3     |   | 1      |       | 1.48              |      | 1.48          |          |          | 1.48       | 1.48          | 1.48         | 1.48       | 1.48          | March 2019     |          |               |           |           |
|   |       |   |        |       |                   |      |               |          |          | 1.40       |               |              |            |               | June 2019      |          |               |           |           |
|   |       |   |        |       |                   |      |               |          |          | 1.41       |               |              |            |               | September 2019 |          |               |           |           |
| (Contract Size: 100 Securities, Physical Deli |       |   |        |       |                   |      |               |          |          |            |               |              |            |               |                |          | CR)           | NERGY (   | TERNA I   |
| 6,334   | 165   |   | 45     |       | 6.52              |      | 6.17          |          |          | 6.12       | 6.12          | 6.12         | 6.21       | 6.21          | December 2018  | -0.65%   | 6.15          | 6.13      | 6.22      |
| - 144   | 84    |   | 15     |       | 6.26              |      | 6.18          |          |          | 6.18       | 6.18          | 6.18         | 6.24       | 6.24          | March 2019     |          |               |           |           |
|   |       |   |        |       |                   |      |               |          |          | 6.26       |               |              |            |               | June 2019      |          |               |           |           |
|   |       |   |        |       |                   |      |               |          |          | 6.29       |               |              |            |               | September 2019 |          |               |           |           |
| (Contract Size: 100 Securities, Physical Deli |       |   |        |       |                   |      |               |          |          |            |               |              |            |               |                |          | R)            | EMENT (C  | TITAN C   |
| 220   | 13    |   | 4      |       | 22.26             |      | 19.83         |          |          | 19.91      | 19.91         | 19.69        | 19.95      | 19.69         | December 2018  | -0.30%   | 19.8          | 19.58     | 20        |
| 12  |       |   |        |       | 19.80             |      | 19.80         |          |          | 19.97      |               |              |            |               | March 2019     |          |               |           |           |
|   |       |   |        |       |                   |      |               |          |          | 20.08      |               |              |            |               | June 2019      |          |               |           |           |
|   |       |   |        |       |                   |      |               |          |          | 20.18      |               |              |            |               | September 2019 |          |               |           |           |

Derivatives notes

Fixing prices and final open positions can be retrieved from the following path <a href="http://www.helex.gr/el/web/guest/statistics-end-of-day-derivatives">http://www.helex.gr/el/web/guest/statistics-end-of-day-derivatives</a>

Hellenic Exchanges – Athens Stock Exchange S.A.

Section 7, 4/5

Daily Official List Year: 139 Trading Day No: 233 Section 7: Stock Futures

Tuesday, 4 December, 2018

|           | Underlyir | ng Asse     | t          |                |               |           |             |               |            |          | Derivativ | ves Market    |           | 116.1    |        |        |  |
|-----------|-----------|-------------|------------|----------------|---------------|-----------|-------------|---------------|------------|----------|-----------|---------------|-----------|----------|--------|--------|--|
| Price max | Price min | Closing pri | ice change | Delivery Month | Open price Pr | ice max P | rice min La | st price Clos | sing price | Last Bid | Last Ask  | Fixing price* | Life high | Life low | Trades | Volume | Open Interest                                      |
| VIOHALO   | CO SA/NV  | / (CB)      |            |                |               |           |             |               |            |          |           |               |           |          |        |        | (Contract Size: 100 Securities, Physical Delivery) |
| 2.855     | 2.78      | 2.78        | -0.71%     | December 2018  | 2.83          | 2.86      | 2.77        | 2.77          | 2.77       |          |           | 2.78          | 3.        | 7        | 48     | 259    | 5,210  |
|           |           |             |            | March 2019     | 2.80          | 2.80      | 2.80        | 2.80          | 2.80       |          |           | 2.80          | 2.5       | 10       | 1      | 2      | 2  |
|           |           |             |            | June 2019      |               |           |             |               | 2.83       |          |           |               |           |          |        |        |  |
|           |           |             |            | September 2019 |               |           |             |               | 2.85       |          |           |               |           |          |        | -      | <del></del>  |

Derivatives notes

Fixing prices and final open positions can be retrieved from the following path <a href="http://www.helex.gr/el/web/guest/statistics-end-of-day-derivatives">http://www.helex.gr/el/web/guest/statistics-end-of-day-derivatives</a>

Tuesday, 4 December, 2018

FTSE/Athex Large Cap

(Trade Unit: 1 Index Point x 2€ - Excercise Style: European, Cash Settlement)

|              |         |      |           | Decem  | ber 2018         |        |               |       |       |           | Januar | y 2019           |        |               | Other Months |       |        |           | Deceml | per 2018      |        |               |       |      |           | Januar | 2019          |        |               | Other Months |            |
|--------------|---------|------|-----------|--------|------------------|--------|---------------|-------|-------|-----------|--------|------------------|--------|---------------|--------------|-------|--------|-----------|--------|---------------|--------|---------------|-------|------|-----------|--------|---------------|--------|---------------|--------------|------------|
| cerise       | Open    |      | Price mir | n Last | Closing price    | Volume | Open Interest | Open  | Price | Price min | Last   | Closing price    | Volume | Open Interest |              | Open  |        | Price min | Last   | Closing price | Volume | Open Interest | Open  |      | Price min | Last   | Closing price | Volume | Open Interest | -            | Exce       |
| ce           | price   | max  | 0.00      |        |                  | Volume |               | price | IIIdx |           | price  |                  |        |               | Volune       | price | max    | 0.00      | price  |               | Volume |               | price | max  | 0.00      | F      |               | Volume |               | ·            | Pric       |
| ,425         | 0.00    |      | 0.00      | -      | 306.00           | -      | -             | 0.00  | 0.00  | 0.00      |        | 305.00           |        |               |              | 0.00  | 0.00   | 0.00      | -      | 0.03          | -      | -             | 0.00  | 0.00 | 0.00      | -      | 0.01          |        |               |              | 1,4<br>1,4 |
| ,450<br>,475 | 0.00    | 0.00 | 0.00      | •      | 281.00<br>256.00 | •      | -             | 0.00  | 0.00  | 0.00      | -      | 280.00<br>255.00 | -      | •             |              | 0.00  | 0.00   | 0.00      | -      | 0.10          | -      | •             | 0.00  | 0.00 | 0.00      | •      | 0.03          | -      | •             |              | 1,         |
| ,475         | 0.00    | 0.00 | 0.00      | -      | 232.00           | -      | -             | 0.00  | 0.00  | 0.00      | -      | 230.00           |        |               |              | 0.00  | 0.00   | 0.00      |        | 0.32          |        | 1             | 0.00  | 0.00 | 0.00      | -      | 0.09          |        | -             |              | 1,         |
| ,525         | 0.00    | 0.00 | 0.00      |        | 207.00           |        | 20            | 0.00  | 0.00  | 0.00      | •      | 206.00           |        |               |              | 0.00  | 0.00   | 0.00      |        | 0.01          | -      | 17            | 0.00  | 0.00 | 0.00      | •      | 0.50          | •      | 26            |              | 1          |
| 550          | 0.00    | 0.00 | 0.00      | -      | 182.00           | -      | 21            | 0.00  | 0.00  | 0.00      | -      | 181.00           | -      |               |              | 0.00  | 0.00   | 0.00      |        | 0.02          | -      | 50            | 0.00  | 0.00 | 0.00      |        | 1.10          |        | 41            |              | 1          |
| 575          | 0.00    |      | 0.00      |        | 157.00           |        | 38            | 0.00  | 0.00  | 0.00      |        | 157.00           |        | 20            |              | 0.00  | 0.00   | 0.00      |        | 0.10          |        | 89            | 0.00  | 0.00 | 0.00      |        | 2.10          |        | 82            |              | 1          |
| 600          |         |      | 132.00    | 132 00 |                  | 12     | 50            |       | 0.00  | 0.00      | -      | 134.00           | -      | 66            |              |       | 132.00 |           | -      | 0.37          | -      | 84            | 0.00  | 0.00 | 0.00      |        | 4.00          |        | 20            |              | 1          |
| 525          | 0.00    |      | 0.00      | -      | 108.00           | -      | 70            | 0.00  | 0.00  | 0.00      |        | 112.00           |        | 88            |              | 0.00  | 0.00   | 0.00      |        | 1.10          |        | 134           | 0.00  | 0.00 | 0.00      |        | 6.90          |        | 21            |              | 1          |
| 550          | 0.00    | 0.00 | 0.00      | -      | 84.50            | -      | 136           | 0.00  | 0.00  | 0.00      | -      | 92.00            | -      | 143           |              | 0.00  | 0.00   | 0.00      | -      | 2.80          | -      | 190           | 0.00  | 0.00 | 0.00      |        | 11.50         |        | 105           |              | 1          |
| 75           |         |      | 58.00     |        | 58.00            | 2      | 60            | 0.00  | 0.00  | 0.00      |        | 73.50            |        | 1             |              | 0.00  | 58.00  | 0.00      |        | 6.40          |        | 231           |       |      |           | 15.50  | 15.50         | 80     | 137           |              |            |
| 700          |         |      | 45.00     |        | 45.00            | 75     | 45            | 0.00  | 0.00  | 0.00      |        | 57.00            |        | 1             |              | 13.00 | 48.00  |           | 13.00  | 13.00         | 20     | 117           |       |      | 23.50     |        | 24.00         | 80     | 106           |              |            |
| 725          |         |      | 21.00     |        | 21.00            | 7      | 80            | 0.00  | 0.00  | 0.00      |        | 43.00            |        | 15            |              | 26.00 | 25.00  |           | 21.25  | 21.25         | 75     | 59            | 0.00  | 0.00 | 0.00      | -      | 37.25         | -      | -             |              |            |
| 750          |         |      | 13.00     |        | 13.00            | 4      | 20            |       | 0.00  | 0.00      |        | 31.50            |        | 20            |              | 0.00  | 13.00  | 0.00      | -      | 36.00         | -      | -             | 0.00  | 0.00 | 0.00      |        | 50.50         |        |               |              |            |
| 75           | 0.00    |      | 0.00      | -      | 9.90             |        |               |       | 0.00  | 0.00      |        | 22.25            |        | -             |              | 0.00  | 0.00   | 0.00      |        | 53.00         |        |               | 0.00  | 0.00 | 0.00      |        | 66.50         |        |               |              |            |
| 00           | 0.00    |      | 0.00      |        | 5.10             | -      | -             |       | 11.00 | 11.00     | 11.00  | 11.00            | 20     | 20            |              | 0.00  | 0.00   | 0.00      | -      | 73.00         | -      |               | 0.00  | 0.00 | 0.00      |        | 84.50         |        |               |              |            |
| 325          | 0.00    |      | 0.00      |        | 2.40             |        |               | 0.00  | 0.00  | 0.00      | -      | 10.25            | -      | -             |              | 0.00  | 0.00   | 0.00      |        | 95.50         |        |               | 0.00  | 0.00 | 0.00      |        | 104.00        |        | -             |              |            |
| 350          | 0.00    |      | 0.00      |        | 1.00             |        |               | 0.00  | 0.00  | 0.00      |        | 6.50             |        | -             |              | 0.00  | 0.00   | 0.00      |        | 119.00        |        | -             | 0.00  | 0.00 | 0.00      |        | 125.00        |        | -             |              |            |
| 375          | 0.00    |      | 0.00      |        | 0.39             |        |               |       |       |           |        |                  |        |               |              | 0.00  | 0.00   | 0.00      |        | 143.00        |        |               |       |      |           |        | -             |        | -             |              |            |
| 000          | 0.00    |      | 0.00      |        | 0.14             | -      | -             |       |       |           |        |                  |        |               |              | 0.00  | 0.00   | 0.00      |        | 168.00        | -      | -             |       |      |           |        |               |        |               |              |            |
| 925          |         | 0.00 | 0.00      |        | 0.04             |        |               |       |       |           |        |                  |        |               |              | 0.00  | 0.00   | 0.00      |        | 193.00        |        |               |       |      |           |        |               |        |               |              |            |
| 950          | 0.00    |      | 0.00      |        | 0.01             | -      | -             |       | -     |           |        |                  |        |               |              | 0.00  | 0.00   | 0.00      |        | 218.00        | -      | -             | -     |      |           |        |               |        |               |              |            |
| 975          | 0.00    |      | 0.00      |        | 0.01             |        | -             |       |       |           |        |                  |        |               |              | 0.00  | 0.00   | 0.00      |        | 243.00        |        |               |       |      |           |        |               |        |               |              |            |
| 000          | 0.00    | 0.00 | 0.00      | -      | 0.01             | -      | -             | -     | -     | -         | -      | -                |        | -             |              | 0.00  | 0.00   | 0.00      | -      | 268.00        | -      | -             | -     | -    | -         |        | -             |        | -             |              |            |
| )50          | 0.00    | 0.00 | 0.00      |        | 0.01             |        | -             |       |       |           |        | -                |        | -             |              | 0.00  | 0.00   | 0.00      |        | 318.00        |        | -             |       |      |           |        | -             |        | -             |              |            |
| 100          | 0.00    | 0.00 | 0.00      |        | 0.01             |        | -             |       |       |           |        | -                |        | -             |              | 0.00  | 0.00   | 0.00      |        | 368.00        |        | -             |       |      |           |        | -             |        | -             |              | :          |
| 150          | 0.00    | 0.00 | 0.00      |        | 0.01             |        |               |       |       |           |        | -                |        | -             |              | 0.00  | 0.00   | 0.00      |        | 418.00        |        | -             |       |      |           |        | -             |        | -             |              |            |
| 200          | 0.00    | 0.00 | 0.00      |        | 0.01             |        | -             |       |       |           |        | -                |        | -             |              | 0.00  | 0.00   | 0.00      |        | 468.00        |        | -             |       |      |           |        | -             |        | -             |              |            |
| 250          | 0.00    | 0.00 | 0.00      |        | 0.01             | -      |               |       |       |           |        | -                |        | -             |              | 0.00  | 0.00   | 0.00      |        | 518.00        |        | -             |       |      |           |        | -             |        | -             |              |            |
| 00           | 0.00    | 0.00 | 0.00      | -      | 0.01             | -      | -             | -     | -     |           | -      | -                | -      | -             |              | 0.00  | 0.00   | 0.00      | -      | 568.00        | -      | -             |       | -    | -         |        |               |        |               |              |            |
| 50           | 0.00    | 0.00 | 0.00      | -      | 0.01             | -      |               |       |       |           |        |                  |        | -             |              | 0.00  | 0.00   | 0.00      |        | 618.00        | -      | -             |       |      |           |        |               |        |               |              |            |
| 100          | 0.00    | 0.00 | 0.00      | -      | 0.01             | -      | -             | -     | -     | -         | -      |                  | -      |               |              | 0.00  | 0.00   | 0.00      | -      | 668.00        | -      | -             | -     | -    | -         | -      |               |        |               |              | :          |
| 450          | 0.00    | 0.00 | 0.00      | -      | 0.01             | -      | -             | -     | -     |           |        |                  | -      | -             |              | 0.00  | 0.00   | 0.00      | -      | 718.00        | -      | -             |       |      |           |        |               |        |               |              |            |
| 500          | 0.00    | 0.00 | 0.00      | -      | 0.02             | -      | -             | -     | -     | -         | -      |                  | -      |               |              | 0.00  | 0.00   | 0.00      | -      | 767.00        | -      | -             | -     | -    | -         | -      |               |        |               |              |            |
|              | Totals: |      |           |        |                  | 100    | 540           |       |       |           |        |                  | 20     | 374           | 0 0          |       |        |           |        |               | 95     | 972           |       |      |           |        |               | 160    | 538           | 0 0          | -          |

Section 7: Stock Options

Number of Trades:

Year: 139 Trading Day No: 233 Tuesday, 4 December, 2018

ALPHA BANK (CR)

|                   |               |              |           |               |                 |        | С             | all Optio     | ns           |           |                      |               |             |           |               |               |              |           |               |               |        |               |               | Put Op       | tions     |               |               |        |               |          |              |                   |
|-------------------|---------------|--------------|-----------|---------------|-----------------|--------|---------------|---------------|--------------|-----------|----------------------|---------------|-------------|-----------|---------------|---------------|--------------|-----------|---------------|---------------|--------|---------------|---------------|--------------|-----------|---------------|---------------|--------|---------------|----------|--------------|-------------------|
|                   |               |              |           | Decemb        | per 2018        |        |               |               |              |           | January 2019         |               |             | Othe      | r Months      |               |              |           | Decem         | ber 2018      |        |               |               |              |           | Januar        | ry 2019       |        |               | Other I  | Months       | -                 |
| Excerise<br>Price | Open<br>price | Price<br>max | Price min | Last<br>price | Closing price \ | /olume | Open Interest | Open<br>price | Price<br>max | Price min | Last Closin<br>price | price<br>Volu | Open Intere | st Volume | Open Interest | Open<br>price | Price<br>max | Price min | Last<br>price | Closing price | Volume | Open Interest | Open<br>price | Price<br>max | Price min | Last<br>price | Closing price | Volume | Open Interest | Volume O | pen Interest | Excerise<br>Price |
| 0.800             | 0.000         | 0.000        | 0.000     |               | 0.571           | -      | -             | 0.000         | 0.000        | 0.000     | 0.5                  | 72 -          | -           |           |               | 0.000         | 0.000        | 0.000     |               | 0.001         | -      | -             | 0.000         | 0.000        | 0.000     |               | 0.001         | -      | -             |          |              | 0.008             |
| 0.850             | 0.000         | 0.000        | 0.000     |               | 0.521           | -      |               | 0.000         | 0.000        | 0.000     | 0.5                  | 22 -          | -           |           |               | 0.000         | 0.000        | 0.000     |               | 0.002         | -      |               | 0.000         | 0.000        | 0.000     |               | 0.001         |        |               |          |              | 0.009             |
| 0.900             | 0.000         | 0.000        | 0.000     |               | 0.471           | -      | -             | 0.000         | 0.000        | 0.000     | 0.4                  | 73 -          | -           |           |               | 0.000         | 0.000        | 0.000     |               | 0.001         | -      | -             | 0.000         | 0.000        | 0.000     |               | 0.001         |        | -             |          |              | 0.009             |
| 0.950             | 0.000         | 0.000        | 0.000     |               | 0.421           | -      | -             | 0.000         | 0.000        | 0.000     | 0.4                  | 24 -          | -           |           |               | 0.000         | 0.000        | 0.000     |               | 0.002         | -      | -             | 0.000         | 0.000        | 0.000     |               | 0.001         | -      | -             |          |              | 0.010             |
| 1.000             | 0.000         | 0.000        | 0.000     |               | 0.371           | -      | 10            | 0.000         | 0.000        | 0.000     | 0.3                  | 75 -          | -           |           |               | 0.000         | 0.000        | 0.000     |               | 0.004         | -      | -             | 0.000         | 0.000        | 0.000     |               | 0.003         |        | -             |          |              | 0.010             |
| 1.100             | 0.000         | 0.000        | 0.000     |               | 0.275           | -      | 10            | 0.000         | 0.000        | 0.000     | 0.2                  | 83 -          | 50          |           |               | 0.000         | 0.000        | 0.000     |               | 0.003         | -      | -             | 0.000         | 0.000        | 0.000     |               | 0.011         |        | -             |          |              | 0.011             |
| 1.200             | 0.000         | 0.000        | 0.000     |               | 0.186           | -      | 20            | 0.000         | 0.000        | 0.000     | 0.2                  | 02 -          | 30          |           |               | 0.000         | 0.000        | 0.000     |               | 0.015         | -      | -             | 0.000         | 0.000        | 0.000     |               | 0.029         |        | -             |          |              | 0.012             |
| 1.300             | 0.000         | 0.000        | 0.000     |               | 0.113           | -      | 30            | 0.000         | 0.000        | 0.000     | 0.1                  | 34 -          | -           |           |               | 0.000         | 0.000        | 0.000     |               | 0.042         | -      | -             | 0.000         | 0.000        | 0.000     |               | 0.061         | -      | -             |          |              | 0.013             |
| 1.400             | 0.000         | 0.000        | 0.000     |               | 0.061           | -      |               | 0.000         | 0.000        | 0.000     | 0.0                  | 85 -          | -           |           |               | 0.000         | 0.000        | 0.000     |               | 0.090         | -      |               | 0.000         | 0.000        | 0.000     |               | 0.111         | -      | -             |          |              | 0.014             |
| 1.500             | 0.000         | 0.000        | 0.000     |               | 0.029           | -      |               | 0.000         | 0.000        | 0.000     | 0.0                  | 50 -          | -           |           |               | 0.000         | 0.000        | 0.000     |               | 0.158         | -      |               | 0.000         | 0.000        | 0.000     |               | 0.176         | -      |               |          |              | 0.015             |
| 1.600             | 0.000         | 0.000        | 0.000     |               | 0.012           | -      | -             | 0.000         | 0.000        | 0.000     | 0.0                  | 27 -          | -           |           |               | 0.000         | 0.000        | 0.000     |               | 0.241         | -      | -             | 0.000         | 0.000        | 0.000     |               | 0.254         |        | -             |          |              | 0.016             |
| 1.700             | 0.000         | 0.000        | 0.000     |               | 0.005           | -      | -             | 0.000         | 0.000        | 0.000     | 0.0                  | 15 -          | -           |           |               | 0.000         | 0.000        | 0.000     |               | 0.334         | -      | -             | 0.000         | 0.000        | 0.000     |               | 0.342         | -      | -             |          |              | 0.017             |
| 1.800             | 0.000         | 0.000        | 0.000     |               | 0.002           | -      | -             | 0.000         | 0.000        | 0.000     | 0.0                  | 07 -          | -           |           |               | 0.000         | 0.000        | 0.000     |               | 0.431         | -      | -             | 0.000         | 0.000        | 0.000     |               | 0.435         |        | -             |          |              | 0.018             |
| 1.900             | 0.000         | 0.000        | 0.000     |               | 0.001           | -      | -             | 0.000         | 0.000        | 0.000     | 0.0                  | 04 -          | -           |           |               | 0.000         | 0.000        | 0.000     |               | 0.530         | -      | -             | 0.000         | 0.000        | 0.000     |               | 0.531         | -      | -             |          |              | 0.019             |
| 2.000             | 0.000         | 0.000        | 0.000     |               | 0.001           | -      | -             |               |              |           |                      | -             | -           |           |               | 0.000         | 0.000        | 0.000     |               | 0.630         | -      | -             |               |              |           |               |               | -      | -             |          |              | 0.020             |
| 2.200             | 0.000         | 0.000        | 0.000     |               | 0.001           | -      | -             |               |              |           |                      | -             | -           |           |               | 0.000         | 0.000        | 0.000     |               | 0.830         | -      | -             |               |              |           |               |               | -      | -             |          |              | 0.022             |
| 2.400             | 0.000         | 0.000        | 0.000     |               | 0.001           | -      | -             |               |              |           |                      | -             | -           |           |               | 0.000         | 0.000        | 0.000     |               | 1.03          | -      | -             |               |              |           |               |               |        | -             |          |              | 0.024             |
| 2.600             | 0.000         | 0.000        | 0.000     |               | 0.001           | -      | -             |               |              |           |                      | -             | -           |           |               | 0.000         | 0.000        | 0.000     |               | 1.23          | -      | -             |               |              |           |               |               | -      | -             |          |              | 0.026             |
| 2.800             | 0.000         | 0.000        | 0.000     |               | 0.001           | -      |               |               |              |           |                      |               | -           |           |               | 0.000         | 0.000        | 0.000     |               | 1.43          | -      |               |               |              |           |               |               | -      | -             |          |              | 0.028             |
| 3.000             | 0.000         | 0.000        | 0.000     |               | 0.001           | -      | -             |               |              |           |                      | -             | -           |           |               | 0.000         | 0.000        | 0.000     |               | 1.63          | -      | -             |               |              |           |               |               | -      | -             |          |              | 0.030             |
| 3.200             | 0.000         | 0.000        | 0.000     |               | 0.001           | -      | -             |               |              |           |                      | -             |             |           |               | 0.000         | 0.000        | 0.000     |               | 1.83          | -      | -             |               |              |           |               |               | -      | -             |          |              | 0.032             |
|                   | Totals:       |              |           |               |                 | 0      | 70            |               |              |           |                      | 0             | ) 80        | 0         | 0             |               |              |           |               |               | 0      | 0             |               |              |           |               |               | 0      | 0             | 0        | 0            |                   |

Tuesday, 4 December, 2018

NATIONAL BANK (CR)

| Call Options | Put Options |
|--------------|-------------|
|--------------|-------------|

| -                 |               |              |           | Decemb        | er 2018       |        |               |               |              |           | Januar        | y 2019          |                 | Other Months              |               |              |           | Decemb        | er 2018       |        |               |               |                | J        | January 2019             |               |               | Other Months         |                   |
|-------------------|---------------|--------------|-----------|---------------|---------------|--------|---------------|---------------|--------------|-----------|---------------|-----------------|-----------------|---------------------------|---------------|--------------|-----------|---------------|---------------|--------|---------------|---------------|----------------|----------|--------------------------|---------------|---------------|----------------------|-------------------|
| Excerise<br>Price | Open<br>price | Price<br>max | Price min | Last<br>price | Closing price | Volume | Open Interest | Open<br>price | Price<br>max | Price min | Last<br>price | Closing price V | /olume Open Int | rest Volume Open Interest | Open<br>price | Price<br>max | Price min | Last<br>price | Closing price | Volume | Open Interest | Open<br>price | Price F<br>max | rice min | Last Closing pr<br>price | ice<br>Volume | Open Interest | Volume Open Interest | Excerise<br>Price |
| 0.050             | 0.000         | 0.000        | 0.000     |               | 1.13          | -      | -             |               |              |           |               |                 |                 |                           | 0.000         | 0.000        | 0.000     |               | 0.010         | -      | -             |               |                |          |                          |               | -             |                      | 0.001             |
| 0.100             | 0.000         | 0.000        | 0.000     |               | 1.08          | -      | -             |               |              |           |               |                 |                 |                           | 0.000         | 0.000        | 0.000     |               | 0.005         | -      | -             |               |                |          |                          | -             | -             |                      | 0.001             |
| 0.150             | 0.000         | 0.000        | 0.000     |               | 1.03          | -      |               |               |              |           |               |                 |                 |                           | 0.000         | 0.000        | 0.000     |               | 0.057         | -      | -             |               |                |          |                          | -             |               |                      | 0.002             |
| 0.200             | 0.000         | 0.000        | 0.000     |               | 0.980         | -      | -             |               |              |           |               |                 |                 |                           | 0.000         | 0.000        | 0.000     |               | 0.206         | -      | -             |               |                |          |                          | -             | -             |                      | 0.002             |
| 0.250             | 0.000         | 0.000        | 0.000     |               | 0.930         | -      | -             |               |              |           |               |                 |                 |                           | 0.000         | 0.000        | 0.000     |               | 0.457         | -      | -             |               |                |          |                          | -             | -             |                      | 0.003             |
| 0.300             | 0.000         | 0.000        | 0.000     |               | 0.880         | -      | -             |               |              |           |               |                 |                 |                           | 0.000         | 0.000        | 0.000     |               | 0.797         | -      | -             |               |                |          |                          | -             | -             |                      | 0.003             |
| 0.350             | 0.000         | 0.000        | 0.000     |               | 0.830         |        | -             |               |              |           |               |                 |                 |                           | 0.000         | 0.000        | 0.000     |               | 1.19          |        | -             |               |                |          |                          |               | -             |                      | 0.004             |
| 0.400             | 0.000         | 0.000        | 0.000     |               | 0.780         | -      | -             |               |              |           |               |                 |                 |                           | 0.000         | 0.000        | 0.000     |               | 1.63          | -      | -             |               |                |          |                          | -             | -             |                      | 0.004             |
| 0.450             | 0.000         | 0.000        | 0.000     |               | 0.730         | -      |               |               |              |           |               |                 |                 |                           | 0.000         | 0.000        | 0.000     |               | 2.09          | -      | -             |               |                |          |                          | -             |               |                      | 0.005             |
| 0.500             | 0.000         | 0.000        | 0.000     |               | 0.680         | -      | -             |               |              |           |               |                 |                 |                           | 0.000         | 0.000        | 0.000     |               | 2.57          | -      | -             |               |                |          |                          | -             | -             |                      | 0.005             |
| 0.550             | 0.000         | 0.000        | 0.000     |               | 0.631         | -      | -             |               |              |           |               |                 |                 |                           | 0.000         | 0.000        | 0.000     |               | 3.06          | -      | -             |               |                |          |                          | -             | -             |                      | 0.006             |
| 0.600             | 0.000         | 0.000        | 0.000     |               | 0.581         | -      | -             |               |              |           |               |                 |                 |                           | 0.000         | 0.000        | 0.000     |               | 3.55          | -      | -             |               |                |          |                          | -             | -             |                      | 0.006             |
| 0.700             | 0.000         | 0.000        | 0.000     |               | 0.481         | -      | -             | 0.000         | 0.000        | 0.000     |               | 0.482           |                 |                           | 0.000         | 0.000        | 0.000     |               | 0.001         | -      | -             | 0.000         | 0.000          | 0.000    | 0.001                    | -             | -             |                      | 0.007             |
| 0.750             | 0.000         | 0.000        | 0.000     |               | 0.431         | -      | -             | 0.000         | 0.000        | 0.000     |               | 0.432           |                 |                           | 0.000         | 0.000        | 0.000     |               | 0.001         | -      | -             | 0.000         | 0.000          | 0.000    | 0.003                    | -             | -             |                      | 0.008             |
| 0.800             | 0.000         | 0.000        | 0.000     |               | 0.381         | -      | -             | 0.000         | 0.000        | 0.000     |               | 0.383           |                 |                           | 0.000         | 0.000        | 0.000     |               | 0.004         | -      | -             | 0.000         | 0.000          | 0.000    | 0.001                    | -             | -             |                      | 0.008             |
| 0.850             |               | 0.000        |           |               | 0.331         | -      | -             |               | 0.000        |           |               | 0.334           |                 |                           | 0.000         |              | 0.000     |               | 0.009         | -      | -             |               | 0.000          |          | 0.002                    | -             | -             |                      | 0.009             |
| 0.900             |               |              | 0.000     |               | 0.282         | •      | •             |               | 0.000        |           |               | 0.207           |                 |                           | 0.000         | 0.000        |           |               | 0.001         | -      | -             |               | 0.000          |          | 0.005                    | •             | •             |                      | 0.009             |
| 0.950             | 0.000         | 0.000        | 0.000     |               | 0.235         | -      | 10            | 0.000         | 0.000        | 0.000     |               | 0.242           |                 |                           | 0.000         | 0.000        | 0.000     |               | 0.004         | -      | -             | 0.000         | 0.000          | 0.000    | 0.009                    | -             | -             |                      | 0.010             |
| 1.000             |               |              | 0.000     |               | 0.190         | •      | •             |               | 0.000        |           |               | 0.200           | - 100           |                           | 0.000         |              | 0.000     |               | 0.009         | -      | •             | 0.000         | 0.000          | 0.000    | 0.017                    | •             | •             |                      | 0.010             |
| 1.100             |               | 0.000        |           |               | 0.112         | -      | 100           |               | 0.000        |           |               | 0.128           | - 220           |                           | 0.000         |              | 0.000     |               | 0.031         | -      | -             |               | 0.000          |          | 0.045                    | -             | -             |                      | 0.011             |
| 1.200             |               | 0.000        |           |               | 0.057         | -      | 20            |               | 0.000        |           |               | 0.075           | - 30            |                           |               | 0.000        |           |               | 0.076         | -      | -             |               | 0.000          |          | 0.092                    | -             | -             |                      | 0.012             |
| 1.300             |               |              | 0.000     |               | 0.025         | -      | 10            |               | 0.000        |           |               | 0.040           |                 |                           |               | 0.000        |           |               | 0.144         | -      | -             |               | 0.000          |          | 0.157                    | -             | -             |                      | 0.013             |
| 1.400             |               | 0.000        |           |               | 0.010         | •      | -             |               | 0.000        |           |               | 0.020           |                 |                           |               | 0.000        |           |               | 0.229         | -      | -             |               | 0.000          |          | 0.237                    | •             | •             |                      | 0.014             |
| 1.500             |               | 0.000        |           |               | 0.003         |        | 10            |               | 0.000        |           |               | 0.009           |                 |                           | 0.000         |              |           |               | 0.322         | -      | -             |               | 0.000          |          | 0.327                    |               | -             |                      | 0.015             |
| 1.600             |               | 0.000        |           |               | 0.001         | -      | 60            |               | 0.000        |           |               | 0.004           |                 |                           | 0.000         |              | 0.000     |               | 0.420         | •      | -             |               | 0.000          |          | 0.422                    | -             |               |                      | 0.016             |
| 1.700             |               |              | 0.000     |               | 0.003         | -      |               |               | 0.000        |           |               | 0.002           |                 |                           | 0.000         |              | 0.000     |               | 0.520         | -      | -             |               | 0.000          |          | 0.520                    | -             | -             |                      | 0.017             |
| 1.800             |               |              | 0.000     |               | 0.001         | -      | -             |               | 0.000        |           |               | 0.001           |                 |                           |               | 0.000        |           |               | 0.620         | -      | -             |               | 0.000          |          | 0.620                    | •             | -             |                      | 0.018             |
| 1.900             |               |              | 0.000     |               | 0.001         | -      | 60            |               | 0.000        |           |               | 0.001           |                 |                           | 0.000         |              |           |               | 0.720         | -      | -             |               | 0.000          |          | 0.720                    |               | -             |                      | 0.019             |
| 2.000             |               | 0.000        |           |               | 0.001         | -      | -             | 0.000         | 0.000        | 0.000     |               | 0.003           |                 |                           | 0.000         |              | 0.000     |               | 0.820         | -      | -             | 0.000         | 0.000          | 0.000    | 0.820                    | •             | •             |                      | 0.020             |
| 2.200             |               | 0.000        |           |               | 0.004         |        |               |               |              |           |               |                 |                 |                           |               | 0.000        |           |               | 1.02          | -      | -             |               |                |          |                          |               | •             |                      | 0.022             |
| 2.400             |               |              | 0.000     |               | 0.001         | -      | •             |               |              |           |               |                 |                 |                           |               | 0.000        |           |               | 1.22          | -      | •             |               |                |          |                          | •             | •             |                      | 0.024             |
| 2.600             |               |              | 0.000     |               | 0.001         | -      | -             |               |              |           |               |                 |                 |                           | 0.000         |              | 0.000     |               | 1.42          | •      | -             |               |                |          |                          |               | -             |                      | 0.026             |
| 2.800             |               | 0.000        |           |               | 0.001         | -      | •             |               |              |           |               |                 |                 |                           | 0.000         |              | 0.000     |               | 1.62          | -      | -             |               |                |          |                          | •             | •             |                      | 0.028             |
| 3.000             |               | 0.000        |           |               | 0.001         |        |               |               |              |           |               |                 |                 |                           | 0.000         | 0.000        |           |               | 1.82<br>2.02  | -      |               |               |                |          |                          |               |               |                      | 0.030<br>0.032    |
| 3.200<br>3.400    |               |              |           |               |               | -      | •             |               |              |           |               |                 |                 |                           |               |              |           |               |               | •      |               |               |                |          |                          | -             | •             |                      | 0.032             |
| 3.400             | 0.000         | 0.000        | 0.000     |               | 0.001         | -      | -             |               |              |           |               |                 |                 |                           | 0.000         | 0.000        | 0.000     |               | 2.22          | -      | -             |               |                |          |                          | -             | -             |                      | 0.034             |

Daily Official List Year: 139 Trading Day No: 233

Section 7: Stock Options

Tuesday, 4 December, 2018

| NATIONAL BANK (CR) |              |              |               | (Contract Size: 100 Securities, Excer | rcise Style: American, Physical Delivery) |
|--------------------|--------------|--------------|---------------|---------------------------------------|---|
|                    | Call Options |              |               | Put Options                           |   |
| December 2018      | January 2019 | Other Months | December 2018 | January 2019                          | Other Months                              |

|                   |                    |                |          |         |               |        |               | p             | -              |           |            |               |          |              |          |            |                 |        |           |                   |           |               |               |               |                |          |               |            |               |               |        |               |                   |
|-------------------|--------------------|----------------|----------|---------|---------------|--------|---------------|---------------|----------------|-----------|------------|---------------|----------|--------------|----------|------------|-----------------|--------|-----------|-------------------|-----------|---------------|---------------|---------------|----------------|----------|---------------|------------|---------------|---------------|--------|---------------|-------------------|
|                   |                    |                |          | Decembe | r 2018        |        |               |               |                |           | January    | 2019          |          |              | Oth      | er Months  |                 |        |           | Dece              | mber 2018 |               |               |               |                |          | Januar        | y 2019     |               |               | Oth    | er Months     |                   |
| Excerise<br>Price | Open Pr<br>price n | rice Pr<br>max | rice min | Last (  | Closing price | Volume | Open Interest | Open<br>price | Price I<br>max | Price min | Last price | Closing price | e Volume | Open Interes | t Volume | Open Inter | est Ope<br>pric | n Prio | e Price m | nin Last<br>price | Closing p | rice<br>Volum | Open Interest | Open<br>price | Price F<br>max | rice min | Last<br>price | Closing pr | rice<br>Volum | Open Interest | Volume | Open Interest | Excerise<br>Price |
|                   | Totals:            |                |          |         |               | 0      | 270           |               |                |           |            |               | 0        | 350          | 0        | 40         |                 |        |           |                   |           | 0             | 0             |               |                |          |               |            | 0             | 0             | 0      | 0             |                   |
|                   | Number of Tra      | ades:          |          |         |               |        | 0             |               |                |           |            |               |          | 0            |          | 0          |                 |        |           |                   |           |               | 0.00          |               |                |          |               |            |               | 0             |        | 0             |                   |

Tuesday, 4 December, 2018

OPAP (CR)

|            |               |              |           |               |               |        | C             | Call Optio    | ons          |           |                    |                |               |        |               |               |              |       |                 |                 |        |               |               | Put 0        | ptions    |                    |                 |      |               |                    |                |
|------------|---------------|--------------|-----------|---------------|---------------|--------|---------------|---------------|--------------|-----------|--------------------|----------------|---------------|--------|---------------|---------------|--------------|-------|-----------------|-----------------|--------|---------------|---------------|--------------|-----------|--------------------|-----------------|------|---------------|--------------------|----------------|
|            |               |              |           | Decem         | ber 2018      |        |               |               |              |           | January 2019       |                |               | Other  | Months        |               |              |       | Decembe         | er 2018         |        |               |               |              |           | January 201        | 9               |      |               | Other Months       |                |
| erise<br>e | Open<br>price | Price<br>max | Price min | Last<br>price | Closing price | Volume | Open Interest | Open<br>price | Price<br>max | Price min | Last Closing price | rice<br>Volume | Open Interest | Volume | Open Interest | Open<br>price | Price<br>max |       | Last C<br>price | Closing price \ | /olume | Open Interest | Open<br>price | Price<br>max | Price min | Last Clos<br>price | ng price<br>Vol | lume | Open Interest | Volume Open Intere | st Exce<br>Pri |
| .600       | 0.000         | 0.000        | 0.000     |               | 3.06          |        | -             | 0.000         | 0.000        | 0.000     | 3.06               |                | -             |        |               | 0.000         | 0.000        | 0.000 |                 | 0.001           | -      | -             | 0.000         | 0.000        | 0.000     | 0                  | 001             | -    | -             |                    | 0.             |
| .000       | 0.000         | 0.000        | 0.000     |               | 2.66          | -      | -             | 0.000         | 0.000        | 0.000     | 2.67               |                | -             |        |               | 0.000         | 0.000        | 0.000 |                 | 0.001           |        |               | 0.000         | 0.000        | 0.000     | 0                  | 001             |      | -             |                    | 0.             |
| .400       | 0.000         | 0.000        | 0.000     |               | 2.26          | -      | -             | 0.000         | 0.000        | 0.000     | 2.27               |                | -             |        |               | 0.000         | 0.000        | 0.000 |                 | 0.002           |        |               | 0.000         | 0.000        | 0.000     | 0                  | 001             |      | -             |                    | 0.             |
| .800       | 0.000         | 0.000        | 0.000     |               | 1.86          | -      | -             | 0.000         | 0.000        | 0.000     | 1.87               |                | -             |        |               | 0.000         | 0.000        | 0.000 |                 | 0.001           |        |               | 0.000         | 0.000        | 0.000     | 0                  | 001             |      | -             |                    | 0.             |
| 200        | 0.000         | 0.000        | 0.000     |               | 1.46          | -      | -             | 0.000         | 0.000        | 0.000     | 1.47               |                | -             |        |               | 0.000         | 0.000        | 0.000 |                 | 0.002           |        |               | 0.000         | 0.000        | 0.000     | 0                  | 005             |      | -             |                    | 0.             |
| 600        | 0.000         | 0.000        | 0.000     |               | 1.06          | -      | -             | 0.000         | 0.000        | 0.000     | 1.09               |                | -             |        |               | 0.000         | 0.000        | 0.000 |                 | 0.001           | -      | -             | 0.000         | 0.000        | 0.000     | 0                  | 023             | -    | -             |                    | 0              |
| 000        | 0.000         | 0.000        | 0.000     |               | 0.674         | -      | -             | 0.000         | 0.000        | 0.000     | 0.747              |                | -             |        |               | 0.000         | 0.000        | 0.000 |                 | 0.016           |        |               | 0.000         | 0.000        | 0.000     | 0                  | 077             |      | -             |                    | 0              |
| 100        | 0.000         | 0.000        | 0.000     |               | 0.346         | -      | -             | 0.000         | 0.000        | 0.000     | 0.463              | -              | -             |        |               | 0.000         | 0.000        | 0.000 |                 | 0.088           |        |               | 0.000         | 0.000        | 0.000     | 0                  | 192             |      | -             |                    | 0              |
| 300        | 0.000         | 0.000        | 0.000     |               | 0.131         | -      | -             | 0.000         | 0.000        | 0.000     | 0.25               | -              | -             |        |               | 0.000         | 0.000        | 0.000 |                 | 0.273           | -      |               | 0.000         | 0.000        | 0.000     | 0                  | 387             | -    | -             |                    | 0              |
| 200        | 0.000         | 0.000        | 0.000     |               | 0.035         | -      | -             | 0.000         | 0.000        | 0.000     | 0.12               |                | -             |        |               | 0.000         | 0.000        | 0.000 |                 | 0.578           | -      | -             | 0.000         | 0.000        | 0.000     | 0                  | 657             | -    | -             |                    | C              |
| 600        | 0.000         | 0.000        | 0.000     |               | 0.006         | -      | -             | 0.000         | 0.000        | 0.000     | 0.054              | -              | -             |        |               | 0.000         | 0.000        | 0.000 |                 | 0.952           |        |               | 0.000         | 0.000        | 0.000     | 0                  | 987             |      | -             |                    | (              |
| 000        | 0.000         | 0.000        | 0.000     |               | 0.001         | -      | -             | 0.000         | 0.000        | 0.000     | 0.02               | -              | -             |        |               | 0.000         | 0.000        | 0.000 |                 | 1.35            | -      | -             | 0.000         | 0.000        | 0.000     |                    | .36             | -    | -             |                    | (              |
| 000        | 0.000         | 0.000        | 0.000     |               | 0.001         | -      | -             | 0.000         | 0.000        | 0.000     | 0.00               | -              | -             |        |               | 0.000         | 0.000        | 0.000 |                 | 2.35            | -      |               | 0.000         | 0.000        | 0.000     | 2                  | .35             | -    | -             |                    | (              |
| 000        | 0.000         | 0.000        | 0.000     |               | 0.001         | -      | -             | 0.000         | 0.000        | 0.000     | 0.00               | -              | -             |        |               | 0.000         | 0.000        | 0.000 |                 | 3.35            | -      | -             | 0.000         | 0.000        | 0.000     | :                  | .35             | -    | -             |                    | C              |
| 000        | 0.000         | 0.000        | 0.000     |               | 0.001         | -      | -             |               |              |           |                    |                | -             |        |               | 0.000         | 0.000        | 0.000 |                 | 4.35            | -      |               |               |              |           |                    |                 | -    | -             |                    | C              |
| 000        | 0.000         | 0.000        | 0.000     |               | 0.001         |        | -             |               |              |           |                    |                | -             |        |               | 0.000         | 0.000        | 0.000 |                 | 5.35            | -      | -             |               |              |           |                    |                 | -    | -             |                    | (              |
| 000        | 0.000         | 0.000        | 0.000     |               | 0.001         |        | -             |               |              |           |                    | -              | -             |        |               | 0.000         | 0.000        | 0.000 |                 | 6.35            |        |               |               |              |           |                    |                 | -    | -             |                    | (              |
| 000        | 0.000         | 0.000        | 0.000     |               | 0.001         |        | -             |               |              |           |                    | -              | -             |        |               | 0.000         | 0.000        | 0.000 |                 | 7.35            | -      | -             |               |              |           |                    |                 | -    | -             |                    | 0              |
|            | Totals:       |              |           |               |               | 0      | 0             |               |              |           |                    | 0              | 0             | 0      | 0             |               |              |       |                 |                 | 0      | 0             | -             |              |           |                    |                 | 0    | 0             | 0 0                |                |

Year: 139 Trading Day No: 233 Section 7: Stock Options Tuesday, 4 December, 2018

OTE (CR)

|                   |               |              |           |               |               |        |               | Call Option   | ns           |           |                  |               |        |               |        |               |               |              |           |               |               |        |               |               | Put 0        | ptions    |               |               |        |               |            |             |                   |
|-------------------|---------------|--------------|-----------|---------------|---------------|--------|---------------|---------------|--------------|-----------|------------------|---------------|--------|---------------|--------|---------------|---------------|--------------|-----------|---------------|---------------|--------|---------------|---------------|--------------|-----------|---------------|---------------|--------|---------------|------------|-------------|-------------------|
|                   |               |              |           | Decem         | ber 2018      |        |               |               |              |           | January 2        | 2019          |        |               | Other  | Months        |               |              |           | Deceml        | ber 2018      |        |               |               |              |           | January       | 2019          |        |               | Other M    | onths       |                   |
| Excerise<br>Price | Open<br>price | Price<br>max | Price min | Last<br>price | Closing price | Volume | Open Interest | Open<br>price | Price<br>max | Price min | Last Cl<br>price | Closing price | Volume | Open Interest | Volume | Open Interest | Open<br>price | Price<br>max | Price min | Last<br>price | Closing price | Volume | Open Interest | Open<br>price | Price<br>max | Price min | Last<br>price | Closing price | Volume | Open Interest | Volume Ope | en Interest | Excerise<br>Price |
| 7.600             | 0.000         | 0.000        | 0.000     |               | 3.32          | -      | -             | 0.000         | 0.000        | 0.000     |                  | 3.33          | -      | -             |        |               | 0.000         | 0.000        | 0.000     |               | 0.001         |        | -             | 0.000         | 0.000        | 0.000     |               | 0.001         | -      | -             |            |             | 0.076             |
| 8.000             | 0.000         | 0.000        | 0.000     |               | 2.92          | -      | -             | 0.000         | 0.000        | 0.000     |                  | 2.93          |        | -             |        |               | 0.000         | 0.000        | 0.000     |               | 0.001         | -      |               | 0.000         | 0.000        | 0.000     |               | 0.001         |        | -             |            |             | 0.080             |
| 8.400             | 0.000         | 0.000        | 0.000     |               | 2.52          | -      | -             | 0.000         | 0.000        | 0.000     |                  | 2.53          | -      | -             |        |               | 0.000         | 0.000        | 0.000     |               | 0.001         | -      | -             | 0.000         | 0.000        | 0.000     |               | 0.001         | -      | -             |            |             | 0.084             |
| 8.800             | 0.000         | 0.000        | 0.000     |               | 2.12          | -      | -             | 0.000         | 0.000        | 0.000     |                  | 2.14          |        | -             |        |               | 0.000         | 0.000        | 0.000     |               | 0.003         | -      |               | 0.000         | 0.000        | 0.000     |               | 0.003         |        | -             |            |             | 0.088             |
| 9.200             | 0.000         | 0.000        | 0.000     |               | 1.72          | -      | -             | 0.000         | 0.000        | 0.000     |                  | 1.74          | -      | -             |        |               | 0.000         | 0.000        | 0.000     |               | 0.004         | -      | -             | 0.000         | 0.000        | 0.000     |               | 0.011         | -      | -             |            |             | 0.092             |
| 9.600             | 0.000         | 0.000        | 0.000     |               | 1.32          | -      | -             | 0.000         | 0.000        | 0.000     |                  | 1.37          |        | -             |        |               | 0.000         | 0.000        | 0.000     |               | 0.002         | -      | -             | 0.000         | 0.000        | 0.000     |               | 0.035         |        | -             |            |             | 0.096             |
| 10.000            | 0.000         | 0.000        | 0.000     |               | 0.935         | -      | -             | 0.000         | 0.000        | 0.000     |                  | 1.02          | -      | -             |        |               | 0.000         | 0.000        | 0.000     |               | 0.015         | -      | -             | 0.000         | 0.000        | 0.000     |               | 0.088         | -      | -             |            |             | 0.100             |
| 11.000            | 0.000         | 0.000        | 0.000     |               | 0.210         | -      | -             | 0.000         | 0.000        | 0.000     |                  | 0.378         |        | -             |        |               | 0.000         | 0.000        | 0.000     |               | 0.290         | -      |               | 0.000         | 0.000        | 0.000     |               | 0.442         |        | -             |            |             | 0.110             |
| 12.000            | 0.000         | 0.000        | 0.000     |               | 0.012         | -      | -             | 0.000         | 0.000        | 0.000     |                  | 0.090         | -      | -             |        |               | 0.000         | 0.000        | 0.000     |               | 1.10          | -      | -             | 0.000         | 0.000        | 0.000     |               | 1.16          | -      | -             |            |             | 0.120             |
| 13.000            | 0.000         | 0.000        | 0.000     |               | 0.001         | -      | -             | 0.000         | 0.000        | 0.000     |                  | 0.014         | -      | -             |        |               | 0.000         | 0.000        | 0.000     |               | 2.09          | -      |               | 0.000         | 0.000        | 0.000     |               | 2.09          | -      | -             |            |             | 0.130             |
| 14.000            | 0.000         | 0.000        | 0.000     |               | 0.001         | -      | -             | 0.000         | 0.000        | 0.000     |                  | 0.001         | -      | -             |        |               | 0.000         | 0.000        | 0.000     |               | 3.09          | -      | -             | 0.000         | 0.000        | 0.000     |               | 3.09          | -      | -             |            |             | 0.140             |
| 15.000            | 0.000         | 0.000        | 0.000     |               | 0.001         | -      | -             | 0.000         | 0.000        | 0.000     |                  | 0.001         |        | -             |        |               | 0.000         | 0.000        | 0.000     |               | 4.09          | -      |               | 0.000         | 0.000        | 0.000     |               | 4.09          | -      | -             |            |             | 0.150             |
| 16.000            | 0.000         | 0.000        | 0.000     |               | 0.001         | -      | -             | 0.000         | 0.000        | 0.000     |                  | 0.001         | -      | -             |        |               | 0.000         | 0.000        | 0.000     |               | 5.09          | -      | -             | 0.000         | 0.000        | 0.000     |               | 5.09          | -      | -             |            |             | 0.160             |
| 17.000            | 0.000         | 0.000        | 0.000     |               | 0.001         | -      | -             |               |              |           |                  |               |        | -             |        |               | 0.000         | 0.000        | 0.000     |               | 6.09          | -      |               |               |              |           |               |               | -      | -             |            |             | 0.170             |
| 18.000            | 0.000         | 0.000        | 0.000     |               | 0.001         | -      | -             |               |              |           |                  |               | -      | -             |        |               | 0.000         | 0.000        | 0.000     |               | 7.09          | -      | -             |               |              |           |               |               | -      | -             |            |             | 0.180             |
|                   | Totals:       |              |           |               |               | 0      | 0             | -             |              |           |                  |               | 0      | 0             | 0      | 0             |               |              |           |               |               | 0      | 0             |               |              |           |               |               | 0      | 0             | 0          | 0           |                   |
|                   | Number o      | of Trades    | :         |               |               |        | 0             |               |              |           |                  |               |        | 0             |        | 0             |               |              |           |               |               |        | 0.00          |               |              |           |               |               |        | 0             | 0          |             |                   |

Tuesday, 4 December, 2018

PIRAEUS BANK (CR)

| PIRAEL            | S BAN         | K (CR)       | )                    |               |        | C             | Call Optio    | ns           |           |                    |        |               |                      |               |              |           |                 |               |        |               |               | Put O        | ptions    | (Contract Siz      | e: 100 Secu      | rities, Excercis | e Style: American, Physi | cal Delivery)     |
|-------------------|---------------|--------------|----------------------|---------------|--------|---------------|---------------|--------------|-----------|--------------------|--------|---------------|----------------------|---------------|--------------|-----------|-----------------|---------------|--------|---------------|---------------|--------------|-----------|--------------------|------------------|------------------|--------------------------|-------------------|
| -                 |               |              | Decem                | nber 2018     |        |               |               |              |           | January 2019       |        |               | Other Months         |               |              |           | Decem           | ber 2018      |        |               |               | '            |           | January 2019       |                  |                  | Other Months             |                   |
| Excerise<br>Price | Open<br>price | Price<br>max | Price min Last price | Closing price | Volume | Open Interest | Open<br>price | Price<br>max | Price min | Last Closing price | Volume | Open Interest | Volume Open Interest | Open<br>price | Price<br>max | Price min | n Last<br>price | Closing price | Volume | Open Interest | Open<br>price | Price<br>max | Price min | Last Closing price | J price<br>Volum | Open Interes     | t Volume Open Interest   | Excerise<br>Price |
| 0.600             | 0.000         | 0.000        | 0.000                | 0.371         | -      | -             | 0.000         | 0.000        | 0.000     | 0.372              | -      | -             | - <del></del>        | 0.000         | 0.000        | 0.000     |                 | 0.001         | -      | -             | 0.000         | 0.000        | 0.000     | 0.0                | 01 -             | -                |                          | 0.006             |
| 0.650             | 0.000         | 0.000        | 0.000                | 0.321         |        | -             | 0.000         | 0.000        | 0.000     | 0.323              | -      | -             |                      | 0.000         | 0.000        | 0.000     |                 | 0.001         |        | -             | 0.000         | 0.000        | 0.000     | 0.0                | 01 -             | -                |                          | 0.007             |
| 0.700             | 0.000         | 0.000        | 0.000                | 0.271         | -      | -             | 0.000         | 0.000        | 0.000     | 0.275              | -      | -             |                      | 0.000         | 0.000        | 0.000     |                 | 0.004         | -      | -             | 0.000         | 0.000        | 0.000     | 0.0                | 03 -             | -                |                          | 0.007             |
| 0.750             | 0.000         | 0.000        | 0.000                | 0.222         | -      | -             | 0.000         | 0.000        | 0.000     | 0.229              | -      | -             |                      | 0.000         | 0.000        | 0.000     |                 | 0.002         | -      | -             | 0.000         | 0.000        | 0.000     | 0.0                | 07 -             | -                |                          | 0.008             |
| 0.800             | 0.000         | 0.000        | 0.000                | 0.176         | -      | -             | 0.000         | 0.000        | 0.000     | 0.186              | -      | 10            |                      | 0.000         | 0.000        | 0.000     |                 | 0.005         | -      | -             | 0.000         | 0.000        | 0.000     | 0.0                | 14 -             | -                |                          | 0.008             |
| 0.850             | 0.000         | 0.000        | 0.000                | 0.133         | -      | -             | 0.000         | 0.000        | 0.000     | 0.147              | -      | -             |                      | 0.000         | 0.000        | 0.000     |                 | 0.012         | -      | -             | 0.000         | 0.000        | 0.000     | 0.0                | 25 -             | -                |                          | 0.009             |
| 0.900             | 0.000         | 0.000        | 0.000                | 0.096         | -      | -             | 0.000         | 0.000        | 0.000     | 0.114              | -      | -             |                      | 0.000         | 0.000        | 0.000     |                 | 0.025         | -      | -             | 0.000         | 0.000        | 0.000     | 0.0                | 42 -             | -                |                          | 0.009             |
| 0.950             | 0.000         | 0.000        | 0.000                | 0.066         | -      | -             | 0.000         | 0.000        | 0.000     | 0.086              | -      | -             |                      | 0.000         | 0.000        | 0.000     |                 | 0.045         | -      | -             | 0.000         | 0.000        | 0.000     | 0.0                | - 63             | -                |                          | 0.010             |
| 1.000             | 0.000         | 0.000        | 0.000                | 0.043         | -      | 50            | 0.000         | 0.000        | 0.000     | 0.063              | -      | 80            |                      | 0.000         | 0.000        | 0.000     |                 | 0.072         | -      | -             | 0.000         | 0.000        | 0.000     | 0.0                | <i>n</i> -       | -                |                          | 0.010             |
| 1.100             | 0.000         | 0.000        | 0.000                | 0.015         | -      | 180           | 0.000         | 0.000        | 0.000     | 0.032              | -      | 30            |                      | 0.000         | 0.000        | 0.000     |                 | 0.145         | -      | -             | 0.000         | 0.000        | 0.000     | 0.1                | 59 -             | -                |                          | 0.011             |
| 1.200             | 0.000         | 0.000        | 0.000                | 0.005         | -      | 46            | 0.000         | 0.000        | 0.000     | 0.014              | -      | -             |                      | 0.000         | 0.000        | 0.000     |                 | 0.234         | -      | 4             | 0.000         | 0.000        | 0.000     | 0.2                | 42 -             | -                |                          | 0.012             |
| 1.300             | 0.000         | 0.000        | 0.000                | 0.001         | -      | -             | 0.000         | 0.000        | 0.000     | 0.006              | -      | -             |                      | 0.000         | 0.000        | 0.000     |                 | 0.331         | -      | -             | 0.000         | 0.000        | 0.000     | 0.3                | 34 -             | -                |                          | 0.013             |
| 1.400             | 0.000         | 0.000        | 0.000                | 0.001         | -      | -             | 0.000         | 0.000        | 0.000     | 0.003              | -      | -             |                      | 0.000         | 0.000        | 0.000     |                 | 0.430         | -      | -             | 0.000         | 0.000        | 0.000     | 0.4                | <i>s</i> 1 -     | -                |                          | 0.014             |
| 1.500             | 0.000         | 0.000        | 0.000                | 0.001         | -      | -             | 0.000         | 0.000        | 0.000     | 0.001              | -      | -             |                      | 0.000         | 0.000        | 0.000     |                 | 0.530         | -      |               | 0.000         | 0.000        | 0.000     | 0.5                | 30 -             | -                |                          | 0.015             |
| 1.600             | 0.000         | 0.000        | 0.000                | 0.001         | -      | 60            | 0.000         | 0.000        | 0.000     | 0.001              | -      | -             |                      | 0.000         | 0.000        | 0.000     |                 | 0.630         | -      | -             | 0.000         | 0.000        | 0.000     | 0.6                | 30 -             | -                |                          | 0.016             |
| 1.700             | 0.000         | 0.000        | 0.000                | 0.001         | -      | -             | 0.000         | 0.000        | 0.000     | 0.001              | -      | -             |                      | 0.000         | 0.000        | 0.000     |                 | 0.730         | -      |               | 0.000         | 0.000        | 0.000     | 0.7                | 30 -             | -                |                          | 0.017             |
| 1.800             | 0.000         | 0.000        | 0.000                | 0.001         | -      | -             | 0.000         | 0.000        | 0.000     | 0.001              | -      | -             |                      | 0.000         | 0.000        | 0.000     |                 | 0.830         | -      | -             | 0.000         | 0.000        | 0.000     | 0.8                | ٠ - 00           | -                |                          | 0.018             |
| 1.900             | 0.000         | 0.000        | 0.000                | 0.001         | -      | -             |               |              |           |                    | -      | -             |                      | 0.000         | 0.000        | 0.000     |                 | 0.930         | -      |               |               |              |           |                    | -                | -                |                          | 0.019             |
| 2.000             | 0.000         | 0.000        | 0.000                | 0.002         | -      | -             |               |              |           |                    | -      | -             |                      | 0.000         | 0.000        | 0.000     |                 | 1.03          | -      | -             |               |              |           |                    | -                | -                |                          | 0.020             |
| 2.200             | 0.000         | 0.000        | 0.000                | 0.001         | -      | 20            |               |              |           |                    | -      | -             |                      | 0.000         | 0.000        | 0.000     |                 | 1.23          | -      | -             |               |              |           |                    | -                | -                |                          | 0.022             |
| 2.400             | 0.000         | 0.000        | 0.000                | 0.001         | -      | -             |               |              |           |                    | -      | -             |                      | 0.000         | 0.000        | 0.000     |                 | 1.43          | -      | -             |               |              |           |                    | -                | -                |                          | 0.024             |
| 2.600             | 0.000         | 0.000        | 0.000                | 0.003         | -      | -             |               |              |           |                    | -      | -             |                      | 0.000         | 0.000        | 0.000     |                 | 1.63          | -      | -             |               |              |           |                    | -                | -                |                          | 0.026             |
| 2.800             | 0.000         | 0.000        | 0.000                | 0.001         | -      | -             |               |              |           |                    | -      | -             |                      | 0.000         | 0.000        | 0.000     |                 | 1.83          | -      | -             |               |              |           |                    | -                | -                |                          | 0.028             |
| 3.000             | 0.000         | 0.000        | 0.000                | 0.004         | -      | -             |               |              |           |                    | -      | -             |                      | 0.000         | 0.000        | 0.000     |                 | 2.03          | -      | -             |               |              |           |                    | -                | -                |                          | 0.030             |
| 3.200             | 0.000         | 0.000        | 0.000                | 0.002         | -      | -             |               |              |           |                    | -      | -             |                      | 0.000         | 0.000        | 0.000     |                 | 2.23          | -      | -             |               |              |           |                    | -                | -                |                          | 0.032             |
| 3.400             | 0.000         | 0.000        | 0.000                | 0.001         | -      | -             |               |              |           |                    | -      | -             |                      | 0.000         | 0.000        | 0.000     |                 | 2.43          | -      | -             |               |              |           |                    | -                | -                |                          | 0.034             |
| 3.600             | 0.000         | 0.000        | 0.000                | 0.001         | -      | -             |               |              |           |                    | -      | -             |                      | 0.000         | 0.000        | 0.000     |                 | 2.63          | -      | -             |               |              |           |                    | -                | -                |                          | 0.036             |
| 3.800             | 0.000         | 0.000        | 0.000                | 0.001         | -      | -             |               |              |           |                    | -      | -             |                      | 0.000         | 0.000        | 0.000     |                 | 2.83          | -      | -             |               |              |           |                    | -                | -                |                          | 0.038             |
| 4.000             | 0.000         | 0.000        | 0.000                | 0.001         | -      | -             |               |              |           |                    | -      | -             |                      | 0.000         | 0.000        | 0.000     |                 | 3.03          | -      | -             |               |              |           |                    | -                | -                |                          | 0.040             |
| 4.400             | 0.000         | 0.000        | 0.000                | 0.001         | -      | -             |               |              |           |                    | -      | -             |                      | 0.000         | 0.000        | 0.000     |                 | 3.43          | -      | -             |               |              |           |                    | -                | -                |                          | 0.044             |
| 4.800             | 0.000         | 0.000        | 0.000                | 0.001         | -      | -             |               |              |           |                    | -      | -             |                      | 0.000         | 0.000        | 0.000     |                 | 3.83          | -      | -             |               |              |           |                    | -                | -                |                          | 0.048             |
| 5.200             | 0.000         | 0.000        | 0.000                | 0.001         | -      | -             |               |              |           |                    | -      | -             |                      | 0.000         | 0.000        | 0.000     |                 | 4.23          | -      | -             |               |              |           |                    | -                | •                |                          | 0.052             |
| 5.600             | 0.000         | 0.000        | 0.000                | 0.001         | -      | -             |               |              |           |                    | -      | -             |                      | 0.000         | 0.000        | 0.000     |                 | 4.63          | -      | -             |               |              |           |                    | -                | -                |                          | 0.056             |
|                   | Totals:       |              |                      |               | 0      | 356           |               |              |           |                    | 0      | 120           | 0 40                 |               |              |           |                 |               | 0      | 4             |               |              |           |                    | 0                | 0                | 0 0                      |                   |
|                   | Number o      | of Trades:   | :                    |               |        | 0             |               |              |           |                    |        | 0             | 0                    |               |              |           |                 |               |        | 0.00          |               |              |           |                    |                  | 0                | 0                        | _                 |

Year: 139 Trading Day No: 233
Tuesday, 4 December, 2018

(Contract Size: 100 Securities, Excercise Style: American, Physical Delivery)

PPC (CR)

|                   |               |              |           |               |               |        |               | all Optio     | 1113         |           |                 |              |        |               |                      |               |              |           |               |               |        |               |               | Put 0        | puons     |               |               |        |               |                      |                  |
|-------------------|---------------|--------------|-----------|---------------|---------------|--------|---------------|---------------|--------------|-----------|-----------------|--------------|--------|---------------|----------------------|---------------|--------------|-----------|---------------|---------------|--------|---------------|---------------|--------------|-----------|---------------|---------------|--------|---------------|----------------------|------------------|
|                   |               |              |           | Decem         | ber 2018      |        |               |               |              |           | January :       | 2019         |        |               | Other Months         |               |              |           | Decemb        | per 2018      |        |               |               |              |           | January       | 2019          |        |               | Other Months         |                  |
| Excerise<br>Price | Open<br>price | Price<br>max | Price min | Last<br>price | Closing price | Volume | Open Interest | Open<br>price | Price<br>max | Price min | Last C<br>price | losing price | Volume | Open Interest | Volume Open Interest | Open<br>price | Price<br>max | Price min | Last<br>price | Closing price | Volume | Open Interest | Open<br>price | Price<br>max | Price min | Last<br>price | Closing price | Volume | Open Interest | Volume Open Interest | Exceris<br>Price |
| 0.850             | 0.000         | 0.000        | 0.000     |               | 0.541         |        | -             | 0.000         | 0.000        | 0.000     |                 | 0.542        |        |               |                      | 0.000         | 0.000        | 0.000     |               | 0.001         | -      | -             | 0.000         | 0.000        | 0.000     |               | 0.001         | -      | -             |                      | 0.00             |
| 0.900             | 0.000         | 0.000        | 0.000     |               | 0.491         | -      |               | 0.000         | 0.000        | 0.000     |                 | 0.492        |        |               |                      | 0.000         | 0.000        | 0.000     |               | 0.001         | -      | -             | 0.000         | 0.000        | 0.000     |               | 0.002         | -      | -             |                      | 0.00             |
| 0.950             | 0.000         | 0.000        | 0.000     |               | 0.441         | -      | -             | 0.000         | 0.000        | 0.000     |                 | 0.443        | -      | -             |                      | 0.000         | 0.000        | 0.000     |               | 0.002         | -      | -             | 0.000         | 0.000        | 0.000     |               | 0.001         | -      | -             |                      | 0.0              |
| 1.000             | 0.000         | 0.000        | 0.000     |               | 0.391         | -      | -             | 0.000         | 0.000        | 0.000     |                 | 0.394        | -      | -             |                      | 0.000         | 0.000        | 0.000     |               | 0.001         | -      | -             | 0.000         | 0.000        | 0.000     |               | 0.001         | -      | -             |                      | 0.0              |
| 1.100             | 0.000         | 0.000        | 0.000     |               | 0.292         | -      | -             | 0.000         | 0.000        | 0.000     |                 | 0.298        | -      | -             |                      | 0.000         | 0.000        | 0.000     |               | 0.001         | -      | -             | 0.000         | 0.000        | 0.000     |               | 0.005         | -      | -             |                      | 0.0              |
| 1.200             | 0.232         | 0.232        | 0.232     | 0.232         | 0.232         | 20     | 60            | 0.000         | 0.000        | 0.000     |                 | 0.211        |        |               |                      | 0.000         | 0.000        | 0.000     |               | 0.006         | -      | -             | 0.000         | 0.000        | 0.000     |               | 0.018         | -      | -             |                      | 0.0              |
| 1.300             | 0.000         | 0.000        | 0.000     |               | 0.116         | -      |               | 0.000         | 0.000        | 0.000     |                 | 0.139        | -      | 30            |                      | 0.000         | 0.000        | 0.000     |               | 0.025         | -      |               | 0.000         | 0.000        | 0.000     |               | 0.046         | -      | -             |                      | 0.0              |
| 1.400             | 0.000         | 0.000        | 0.000     |               | 0.058         | -      |               | 0.000         | 0.000        | 0.000     |                 | 0.084        |        |               |                      | 0.000         | 0.000        | 0.000     |               | 0.067         | -      | -             | 0.000         | 0.000        | 0.000     |               | 0.090         | -      | -             |                      | 0.0              |
| 1.500             | 0.000         | 0.000        | 0.000     |               | 0.024         | -      | 20            | 0.000         | 0.000        | 0.000     |                 | 0.047        | -      |               |                      | 0.000         | 0.000        | 0.000     |               | 0.133         | -      |               | 0.000         | 0.000        | 0.000     |               | 0.153         | -      | -             |                      | 0.0              |
| 1.600             | 0.000         | 0.000        | 0.000     |               | 0.008         | -      | -             | 0.000         | 0.000        | 0.000     |                 | 0.024        | -      | -             |                      | 0.000         | 0.000        | 0.000     |               | 0.217         | -      | -             | 0.000         | 0.000        | 0.000     |               | 0.231         | -      | -             |                      | 0.0              |
| 1.700             | 0.000         | 0.000        | 0.000     |               | 0.002         | -      |               | 0.000         | 0.000        | 0.000     |                 | 0.012        | -      |               |                      | 0.000         | 0.000        | 0.000     |               | 0.312         | -      |               | 0.000         | 0.000        | 0.000     |               | 0.319         | -      | -             |                      | 0.0              |
| 1.800             | 0.000         | 0.000        | 0.000     |               | 0.001         | -      |               | 0.000         | 0.000        | 0.000     |                 | 0.005        |        |               |                      | 0.000         | 0.000        | 0.000     |               | 0.410         | -      | -             | 0.000         | 0.000        | 0.000     |               | 0.413         | -      | -             |                      | 0.0              |
| 1.900             | 0.000         | 0.000        | 0.000     |               | 0.001         | -      |               | 0.000         | 0.000        | 0.000     |                 | 0.002        | -      |               |                      | 0.000         | 0.000        | 0.000     |               | 0.510         | -      |               | 0.000         | 0.000        | 0.000     |               | 0.510         | -      | -             |                      | 0.0              |
| 2.000             | 0.000         | 0.000        | 0.000     |               | 0.001         | -      |               |               |              |           |                 |              |        | -             |                      | 0.000         | 0.000        | 0.000     |               | 0.610         | -      | -             |               |              |           |               |               | -      | -             |                      | 0.0              |
| 2.200             | 0.000         | 0.000        | 0.000     |               | 0.001         | -      | -             |               |              |           |                 |              | -      | -             |                      | 0.000         | 0.000        | 0.000     |               | 0.810         | -      | -             |               |              |           |               |               | -      | -             |                      | 0.0              |
| 2.400             | 0.000         | 0.000        | 0.000     |               | 0.001         | -      | -             |               |              |           |                 |              | -      | -             |                      | 0.000         | 0.000        | 0.000     |               | 1.01          | -      | -             |               |              |           |               |               | -      | -             |                      | 0.0              |
| 2.600             | 0.000         | 0.000        | 0.000     |               | 0.001         | -      | -             |               |              |           |                 |              | -      | -             |                      | 0.000         | 0.000        | 0.000     |               | 1.21          | -      | -             |               |              |           |               |               | -      | -             |                      | 0.0              |
| 2.800             | 0.000         | 0.000        | 0.000     |               | 0.001         | -      |               |               |              |           |                 |              |        | -             |                      | 0.000         | 0.000        | 0.000     |               | 1.41          | -      | -             |               |              |           |               |               | -      | -             |                      | 0.0              |
| 3.000             | 0.000         | 0.000        | 0.000     |               | 0.001         | -      | -             |               |              |           |                 |              | -      | -             |                      | 0.000         | 0.000        | 0.000     |               | 1.61          | -      | -             |               |              |           |               |               | -      | -             |                      | 0.0              |
| 3.200             | 0.000         | 0.000        | 0.000     |               | 0.001         | -      |               |               |              |           |                 |              |        |               |                      | 0.000         | 0.000        | 0.000     |               | 1.81          | -      | -             |               |              |           |               |               | -      | -             |                      | 0.0              |
| 3.400             | 0.000         | 0.000        | 0.000     |               | 0.001         | -      | -             |               |              |           |                 |              | -      | -             |                      | 0.000         | 0.000        | 0.000     |               | 2.01          | -      | -             |               |              |           |               |               | -      | -             |                      | 0.0              |
| 3.600             | 0.000         | 0.000        | 0.000     |               | 0.001         | -      | -             |               |              |           |                 |              | -      | -             |                      | 0.000         | 0.000        | 0.000     |               | 2.21          | -      | -             |               |              |           |               |               | -      | -             |                      | 0.0              |
| 3.800             | 0.000         | 0.000        | 0.000     |               | 0.001         | -      | -             |               |              |           |                 |              | -      | -             |                      | 0.000         | 0.000        | 0.000     |               | 2.41          | -      | -             |               |              |           |               |               |        | -             |                      | 0.0              |
| 4.000             | 0.000         | 0.000        | 0.000     |               | 0.001         | -      |               |               |              |           |                 |              | -      | -             |                      | 0.000         | 0.000        | 0.000     |               | 2.61          | -      | -             |               |              |           |               |               |        | -             |                      | 0.0              |
| 4.400             | 0.000         | 0.000        | 0.000     |               | 0.001         |        | -             |               |              |           |                 |              |        |               |                      | 0.000         | 0.000        | 0.000     |               | 3.01          |        |               |               |              |           |               |               | -      | -             |                      | 0.0              |
|                   | Totals:       |              |           |               |               | 20     | 80            |               |              |           |                 |              | 0      | 30            | 0 0                  |               |              |           |               |               | 20     | 0             |               |              |           |               |               | 0      | 0             | 0 0                  | -                |
|                   | Number o      | of Trades:   |           |               |               |        | 1             |               |              |           |                 |              |        | 0             | 0                    |               |              |           |               |               |        | 0.00          |               |              |           |               |               |        | 0             | 0                    |                  |

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Tuesday, 4 December, 2018

|                  |                                |                  | Multilateral Transactions[1] |                     |                     | Bilateral <sup>-</sup> | Fransactions[2]     | Stock Borrowing through OTC (volume)[3] |                     |
|------------------|--------------------------------|------------------|------------------------------|---------------------|---------------------|------------------------|---------------------|---|---------------------|
| Lending Products | Underlying Title               | Open Interest[5] | Volume(Offered)              | Average<br>Weighted | Transactions volume | Average<br>Weighted    | Transactions Volume | Average<br>Weighte                      | Transactions Volume |
| ADMIEBOR         | ADMIE (IPTO) HOLDING S.A. (CR) |                  | 42,022                       | 5.31%               |                     |                        |                     |   | 1,828               |
| AEGNBOR          | AEGEAN AIRLINES (CR)           | 1,445            | 11,937                       | 3.55%               | 250                 | 2.65%                  |                     |   | 11,912              |
| ALPHABOR         | ALPHA BANK (CR)                | 42,001           | 58,245                       | 4.68%               |                     |                        |                     |   | 32,020,037          |
| ALMYBOR          | ALUMIL (CR)                    |                  |                              |                     |                     |                        |                     |   |                     |
| TATTBOR          | ATTICA BANK S.A. (CR)          | 8,819            | 7,304                        | 5.31%               |                     |                        |                     |   | 370                 |
| EEEBOR           | CC HBC AG (CR)                 | 6,160            | 1,830                        | 5.31%               |                     |                        |                     |   | 70,546              |
| CENERBOR         | CENERGY HOLDINGS (CB)          | 2,600            | 46,000                       | 5.31%               |                     |                        |                     |   |                     |
| ELLAKTORBOR      | ELLAKTOR (CR)                  | 1,000            | 83,118                       | 5.31%               |                     |                        |                     |   | 20,289              |
| EUROBBOR         | EUROBANK ERGASIAS (CR)         | 18,936           | 265                          | 9.27%               |                     |                        |                     |   | 56,671,870          |
| EYDAPBOR         | EYDAP S.A. (CR)                |                  | 4,246                        | 5.31%               |                     |                        |                     |   | 82,799              |
| FFGRPBOR         | FOLLI FOLLIE (CR)              |                  |                              |                     |                     |                        |                     |   | 1,363,949           |
| FOYRKBOR         | FOURLIS (CR)                   | 6,658            | 1,115                        | 5.31%               |                     |                        |                     |   | 4,650               |
| GEKTERNABOR      | GEK TERNA (CR)                 |                  | 32,432                       | 5.31%               |                     |                        |                     |   | 1,293               |
| SARBOR           | GR. SARANTIS S.A. (CR)         | 452              | 7                            | 5.36%               |                     |                        |                     |   | 390                 |
| EUPROBOR         | GRIVALIA PROPERTIES (CR)       | 15,000           | 93,173                       | 3.55%               | 6,000               | 2.65%                  |                     |   | 321,398             |
| EXAEBOR          | HELLENIC EXCHANGES-A.S.E. (CR) | 8,500            | 536,240                      | 5.31%               |                     |                        |                     |   | 148,565             |
| ELPEBOR          | HELLENIC PETROLEUM (CR)        | 2,339            | 128,419                      | 5.31%               |                     |                        |                     |   | 65,719              |
| INTRKBOR         | INTRACOM HOLDINGS (CR)         |                  | 58,170                       | 5.31%               |                     |                        |                     |   |                     |
| INLOTBOR         | INTRALOT (CR)                  |                  | 76,921                       | 5.31%               |                     |                        |                     |   | 284,512             |
| BELABOR          | JUMBO SA (CR)                  | 29,651           | 64,988                       | 3.31%               | 251                 | 2.65%                  |                     |   | 146,338             |
| LAMDABOR         | LAMDA DEVELOPMENT SA (CR)      | 744              | 124                          | 3.31%               | 124                 | 3.31%                  |                     |   | 6,509               |
| MIGBOR           | MARFIN INVESTMENT GROUP (CR)   |                  | 293,633                      | 5.31%               |                     |                        |                     |   | 744,474             |
| MOHBOR           | MOTOR OIL (CR)                 | 39,765           | 6,129                        | 3.55%               | 500                 | 2.65%                  |                     |   | 301,298             |
| MYTILBOR         | MYTILINEOS HOLDINGS (CR)       | 3,500            | 155,435                      | 3.31%               | 2,000               | 2.65%                  |                     |   | 18,086              |
| ETEBOR           | NATIONAL BANK (CR)             | 11,000           | 87,558                       | 5.31%               |                     |                        |                     |   | 7,684,410           |
| OPAPBOR          | OPAP (CR)                      | 8,983            | 150,554                      | 3.55%               | 5,000               | 2.65%                  |                     |   | 1,107,199           |
| HTOBOR           | OTE (CR)                       | 80,559           | 46,582                       | 5.16%               | 21,209              | 4.30%                  |                     |   | 544,315             |
| PPABOR           | P.P.A. S.A. (CR)               | 1,854            | 804                          | 5.31%               |                     |                        |                     |   | 2,901               |
| TPEIRBOR         | PIRAEUS BANK (CR)              | 2,000            | 4,071                        | 5.31%               |                     |                        | 150,000             | 10.00%                                  | 20,930,829          |
| PLAISBOR         | PLAISIO COMPUTERS SA (CR)      |                  |                              |                     |                     |                        |                     |   |                     |
| PPCBOR           | PPC (CR)                       | 1,000            | 142,460                      | 5.31%               |                     |                        |                     |   | 6,482,724           |

## Stock Lending Notes

- [1] Multilateral contracts Lending or Borrowing as per Methods 8-1, 8-2 and 8-3-3 (According to ATHEX BoD Resolution No.17)
- [2] Billateral Contracts Lending or Borrowing as per Methods 8-3-1 and 8-3-2 (According to ATHEX BoD Resolution No.20 )
- [3] The information concerning OTC Stock Borrowing Transactions is based on the statements of the Dematerialised Securities System (DSS) operators involved and refers to volumes that have been registered up until the previous working day.
- [4] Average Price (Volume weighted)
- [5] The Data concerning Open Interest before the start of trading session

Hellenic Exchanges – Athens Stock Exchange S.A.

Section 7, 1/2

Daily Official List

Section 7: Stock Lending Analytic Figures

Year: 139 Trading Day No: 233

Tuesday, 4 December, 2018

|                  |                               |                  | Multilateral Transactions[1] |                     |                     |                     | Bilateral           | [ransactions[2]    | Stock Borrowing through OTC (volume)[3] |
|------------------|-------------------------------|------------------|------------------------------|---------------------|---------------------|---------------------|---------------------|--------------------|---|
| Lending Products | Underlying Title              | Open Interest[5] | Volume(Offered)              | Average<br>Weighted | Transactions volume | Average<br>Weighted | Transactions Volume | Average<br>Weighte | Transactions Volume                     |
| QUALBOR          | QUALITY & RELIABILITY SA (CR) |                  |                              |                     |                     |                     |                     |                    |   |
| TENERGYBOR       | TERNA ENERGY (CR)             | 1,931            | 25,175                       | 5.31%               |                     |                     |                     |                    | 125,225                                 |
| TITKBOR          | TITAN CEMENT (CR)             | 10,478           | 147,488                      | 5.31%               | 200                 | 2.65%               |                     |                    | 68,666                                  |
| VIOBOR           | VIOHALCO SA/NV (CB)           | 13,730           | 35,075                       | 5.31%               | 310                 | 2.79%               |                     |                    |   |

## Stock Lending Notes

- [1] Multilateral contracts Lending or Borrowing as per Methods 8-1, 8-2 and 8-3-3 (According to ATHEX BoD Resolution No.17)
- [2] Billateral Contracts Lending or Borrowing as per Methods 8-3-1 and 8-3-2 (According to ATHEX BoD Resolution No.20 )
- [3] The information concerning OTC Stock Borrowing Transactions is based on the statements of the Dematerialised Securities System (DSS) operators involved and refers to volumes that have been registered up until the previous working day.
- [4] Average Price (Volume weighted)
- [5] The Data concerning Open Interest before the start of trading session

Hellenic Exchanges – Athens Stock Exchange S.A.

Section 7, 2/2

Daily Official List Year: 139 Trading Day No: 233 Appendix A: Sectors codification for listed companies Tuesday, 4 December, 2018

## Cactors cadification for listed com

| Sectors | C | odification for listed companies  |      |   |                               |
|---------|---|-----------------------------------|------|---|-------------------------------|
| 533     | - | Exploration & Production          | 537  | - | Integrated Oil & Gas          |
| 1353    | - | Commodity Chemicals               | 1357 | - | Specialty Chemicals           |
| 1753    | - | Aluminum                          | 1755 | - | Nonferrous Metals             |
| 1757    | - | Steel                             | 1775 | - | General Mining                |
| 2353    | - | Building Materials & Fixtures     | 2357 | - | Heavy Construction            |
| 2723    | - | Containers & Packaging            | 2727 | - | Diversified Industrials       |
| 2733    | - | Electrical Components & Equipment | 2753 | - | Commercial Vehicles & Trucks  |
| 2757    | - | Industrial Machinery              | 2773 | - | Marine Transportation         |
| 2777    | - | Transportation Services           | 2791 | - | Business Support Services     |
| 2797    | - | Industrial Suppliers              | 3535 | - | Distillers & Vintners         |
| 3537    | - | Soft Drinks                       | 3573 | - | Farming Fishing & Plantations |
| 3577    | - | Food Products                     | 3722 | - | Durable Household Products    |
| 3726    | - | Furnishings                       | 3728 | - | Home Construction             |
| 3747    | - | Toys                              | 3763 | - | Clothing & Accessories        |
| 3765    | - | Footwear                          | 3767 | - | Personal Products             |
| 3785    | - | Tobacco                           | 4533 | - | Health Care Providers         |
| 4535    | - | Medical Equipment                 | 4577 | - | Pharmaceuticals               |
| 5337    | - | Food Retailers & Wholesalers      | 5371 | - | Apparel Retailers             |
| 5373    | - | Broadline Retailers               | 5375 | - | Home Improvement Retailers    |
| 5379    | - | Specialty Retailers               | 5553 | - | Broadcasting & Entertainment  |
| 5555    | - | Media Agencies                    | 5557 | - | Publishing                    |
| 5751    | - | Airlines                          | 5752 | - | Gambling                      |
| 5753    | - | Hotels                            | 5755 | - | Recreational Services         |
| 5757    | - | Restaurants & Bars                | 5759 | - | Travel & Tourism              |
| 6535    | - | Fixed Line Telecommunications     | 6575 | - | Mobile Telecommunications     |
| 7535    | - | Conventional Electricity          | 7537 | - | Alternative Electricity       |
| 7577    | - | Water                             | 8355 | - | Banks                         |
| 8534    | - | Insurance Brokers                 | 8536 | - | Property & Casualty Insurance |
| 8633    | - | Real Estate Holding & Development | 8637 | - | Real Estate Services          |
| 8671    | - | Industrial & Office REITs         | 8674 | - | Diversified REITs             |
| 8675    | - | Specialty REITs                   | 8775 | - | Specialty Finance             |
| 8777    | - | Investment Services               | 8985 | - | Equity Investment Instruments |

9574 Electronic Office Equipment

Computer Services

12003 - ETF

9533

Internet

9535 -

9572 -

