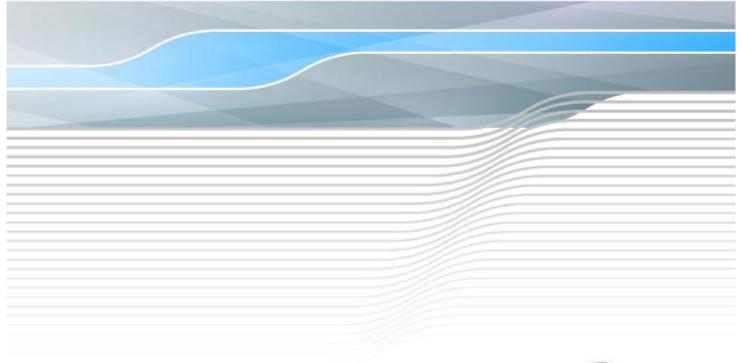
Hellenic Exchanges – Athens Stock Exchange S.A.

Ημερήσιο Δελτίο Συναλλακτικής Δραστηριότητας Daily Official List of Trading Activity

Tuesday, 20 August, 2019 Year: 140 Trading Day No: 156





Daily Official List

Year: 140 Trading Day No: 156
Tuesday, 20 August, 2019

Disclaimer:

Hellenic Exchanges-Athens Stock Exchange S.A endeavours to ensure that the data and other material ("Information") presented on the Daily Official List are accurate and complete, but it is not liable for any errors or omissions of data or /and for the accuracy, credibility, updating and completeness of the aforesaid information nor it has any liability arising directly or indirectly from the use of the above Information.

The Company is not liable for the accuracy of the data included in listed companies' announcements. Only the sender of such an announcement is fully and solely liable for any infringement of third party's rights from the content of such announcement, All contents of the Daily Official List are provided only for information purposes and do not constitute investment advice or solicitation to invest in securities or other products listed for trading on the Exchange.

You acknowledge and agree that the Company is the owner of any property rights related to any Information appearing on the Daily Official List including intellectual property rights copyright, trademarks, etc.

The above data are a property of the Hellenic Exchanges-Athens Exchange and are copyright protected. Users are forbidden to reproduce, modify, copy, sale, transmit or redistribute, by all reproduction means and methods, part or the whole of the above data, without reference to their source.

The commercial exploitation of these data is, also, forbidden by third parties. Hellenic Exchanges-Athens Exchange does not carry any responsibility, direct or indirect, derived from usage or accidental alteration of the above data when used by third parties.

Hellenic Exchanges – Athens Stock Exchange S.A.

110 Athinon Ave.,10442 Athens, Tel: (210) 33.66.800, Fax: (210) 32.13.938 www.athexgroup.gr

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

Daily Official List

Year: 140 Trading Day No: 156

Tuesday, 20 August, 2019

Table of Contents

Section 1: Statistical Figures of Securities, Derivatives and Lending

Summary of Markets

Athex Indices

Analytic Figures for Athex Market's Boards and Categories

Trading Details by Athex Sectors and Financial Instruments (ETFs)

Top 10 best & worst performing Shares

Derivatives Summary

Section 2: Analytic Figures of Shares Transactions

Analytic Figures of Shares Transactions

Shares' Notes

Section 3: Figures of Securities Transactions

Securities Blocks Details

Shares Rights Details

Stock Borrowing

Securities Forced Sales

Forced Sales Registered Shares

Exchange Traded Funds (ETFs) Characteristics

Section 5: Bonds traded in Fixed Income Assets Market

Convertible Corporate Bonds - Regulated Market

Non Convertible Corporate Bonds - Regulated Market

Government Bonds

Treasury Bills & Zero Coupon Government Bonds

Government Bonds Traded with the Open Outcry Method

State Banks Bonds

Section 6: Additional Infos

Athex & ATHEXClear Members List

List of Stocks under Market Making operations

Section 7: Derivatives Market Analytic Figures

Index Futures

Stock Futures

Index Options

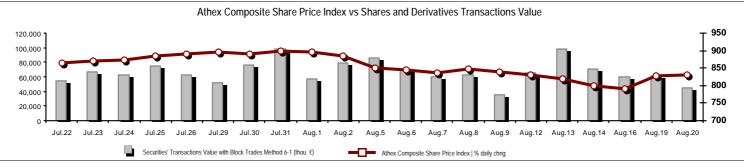
Stock Options

Stock Lending Analytic Figures

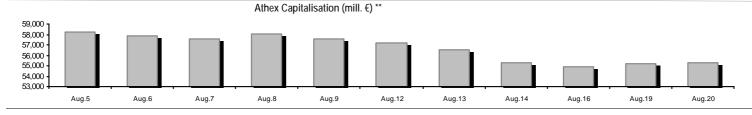
Appendix A: Sectors codification for listed companies

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

Summary of Markets



| Athex Capitalisation (mill. €) **: | 55,248.26 | | Derivatives Total Open Interest | 400,631 | |
|---|--------------------|---------|--|------------|---------|
| Daily change: mill. € % | 51.47 | 0.09% | in Index Futures % daily chng | 15,665 | 0.00% |
| Yearly Avg Capitalisation: mill. € % chng prev year Avg | 52,861.17 | 1.40% | in Stock Futures % daily ching | 381,180 | 0.00% |
| Athex Composite Share Price Index % daily chng | 829.74 | 0.17% | in Index Options % daily chng | 1,607 | 0.00% |
| Athex Composite Share Price Index Capitalisation (mill. \in) Daily change (mill. \in) | 50,489.75 39.93 | | in Stock Options % daily chng | 2,179 | 0.00% |
| Securities' Transactions Value with Block Trades Method 6-1 (| 45,470.42 | | Derivatives Contracts Volume: | 24,029 | |
| Daily change: % | -16,512.68 | -26.64% | Daily change: pieces % | -3,919 | -14.02% |
| YtD Avg Trans. Value: thou. \in % chng prev year Avg | 66,928.70 | 21.86% | YtD Avg Derivatives Contracts % chng prev year Avg | 43,832 | -21.74% |
| Blocks Transactions Value of Method 6-1 (thou. €) | 6,900.00 | | Derivatives Trades Number: | 2,192 | |
| Blocks Transactions Value of Method 6-2 & 6-3 (thou. €) | 29.10 | | Daily change: number % | -1,255 | -36.41% |
| Bonds Transactions Value (thou.€) | 1,206.92 | | YtD Avg Trades number % chng prev year Avg | 3,033 | 11.87% |
| Securities' Transactions Volume with Block Trades Method 6-1 (| th 18,941. | 93 | Lending Total Open Interest | 748,017 | |
| Daily change: thou. pieces % | -10,072.86 | -34.72% | Daily change: pieces % | -15,600 | -2.04% |
| YtD Avg Volume: % chng prev year Avg | 35,176.30 | -5.32% | Lending Volume (Multilateral/Bilateral) | 1,000 | |
| Blocks Transactions Volume of Method 6-1 (thou. Pieces) | 1,000.00 | | Daily change: pieces % | -1,522,732 | |
| Blocks Transactions Volume of Method 6-2 & 6-3 (thou. Pieces Bonds Transactions Volume | 1.50 1,178,020 | | Multilateral Lending | 500 | |
| DOIRES TRAISACTIONS VOIUME | 1,170,020 | | Bilateral Lending | 500 | |
| | | | | | |
| Securities' Trades Number with Block Trades Method 6-1 | 20,298 | | Lending Trades Number: | 4 | -85.19% |
| Daily change: number % | -11,729 | -36.62% | Daily change: % | -23 | |
| YtD Avg Trades number % chng prev year Avg | 27,512 | 35.33% | Multilateral Lending Trades Number | 3 | |
| Number of Blocks Method 6-1 | 2 | | Bilateral Lending Trades Number | 1 | |
| Number of Blocks Method 6-2 & 6-3 | 1 | | bilateral Lenuing Trades Number | , | |
| Number of Bonds Transactions | 29 | | | | |



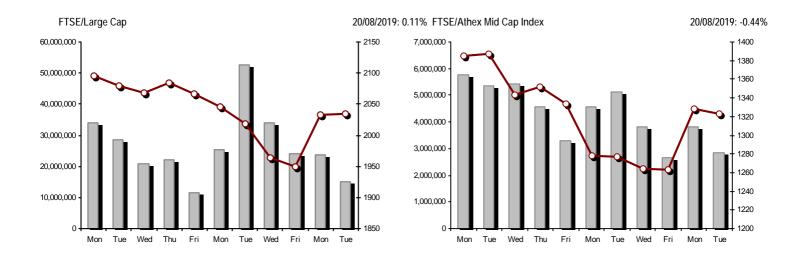


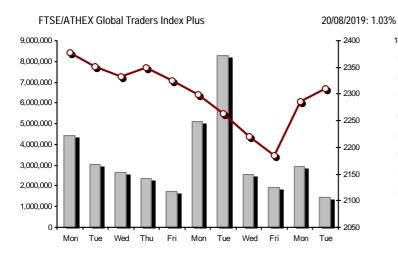
| Athex Indices | | | | | | | | | |
|--|-------------|------------|---------|--------|-----------|-----------|-----------|-----------|-----------------|
| Index name | 20/08/2019 | 19/08/2019 | pts. | % | Min | Max | Year min | Year max | Year change |
| Athex Composite Share Price Index | 829.74 # | 828.30 | 1.44 | 0.17% | 822.75 | 833.17 | 600.12 | 901.57 | 35.29% # |
| FTSE/Athex Large Cap | 2,034.70 # | 2,032.49 | 2.21 | 0.11% | 2,016.55 | 2,041.71 | 1,580.73 | 2,270.46 | 26.50% # |
| FTSE/Athex Mid Cap Index | 1,322.63 € | 1,328.50 | -5.87 | -0.44% | 1,314.32 | 1,339.18 | 945.49 | 1,467.88 | 35.64% # |
| FTSE/ATHEX-CSE Banking Index | 505.37 Œ | 507.38 | -2.01 | -0.40% | 497.88 | 515.47 | 275.15 | 641.15 | 51.88% # |
| FTSE/ATHEX Global Traders Index Plus | 2,309.65 # | 2,286.07 | 23.58 | 1.03% | 2,277.80 | 2,309.65 | 1,947.04 | 2,479.89 | 15.80% # |
| FTSE/ATHEX Global Traders Index | 2,373.14 # | 2,346.28 | 26.86 | 1.14% | 2,337.90 | 2,373.14 | 1,866.67 | 2,517.12 | 25.07% # |
| FTSE/ATHEX Mid & Small Cap Factor-Weighted Ind | 2,719.76 # | 2,708.56 | 11.20 | 0.41% | 2,699.15 | 2,719.76 | 2,173.67 | 2,824.96 | 22.78% # |
| ATHEX Mid & SmallCap Price Index | 5,708.65 # | 5,637.33 | 71.32 | 1.27% | 5,637.33 | 5,718.93 | 3,914.71 | 5,975.95 | 44.08% # |
| FTSE/Athex Market Index | 506.32 # | 505.85 | 0.47 | 0.09% | 501.88 | 508.15 | 392.32 | 563.60 | 26.84% # |
| FTSE Med Index | 4,531.00 # | 4,396.27 | 134.73 | 3.06% | | | 3,966.78 | 4,754.28 | 14.28% # |
| Athex Composite Index Total Return Index | 1,351.29 # | 1,348.95 | 2.34 | 0.17% | 1,339.90 | 1,356.88 | 952.47 | 1,466.98 | 38.82% # |
| FTSE/Athex Large Cap Total Return | 3,004.17 # | 3,000.90 | 3.27 | 0.11% | | | 2,321.35 | 3,347.07 | 28.38% # |
| FTSE/ATHEX Large Cap Net Total Return | 922.13 # | 921.13 | 1.00 | 0.11% | 913.90 | 925.31 | 692.89 | 1,027.12 | 30.79% # |
| FTSE/Athex Mid Cap Total Return | 1,607.73 Œ | 1,614.86 | -7.13 | -0.44% | | | 1,180.35 | 1,784.30 | 33.59% # |
| FTSE/ATHEX-CSE Banking Total Return Index | 441.71 Œ | 443.47 | -1.76 | -0.40% | | | 265.40 | 554.19 | 40.91% # |
| Hellenic Mid & Small Cap Index | 1,200.97 # | 1,194.06 | 6.91 | 0.58% | 1,189.78 | 1,201.88 | 884.70 | 1,269.98 | 32.46% # |
| FTSE/Athex Banks | 667.72 Œ | 670.38 | -2.66 | -0.40% | 657.82 | 681.06 | 363.54 | 847.12 | 51.88% # |
| FTSE/Athex Financial Services | 1,063.07 Œ | 1,071.34 | -8.27 | -0.77% | 1,058.26 | 1,079.59 | 744.92 | 1,191.69 | 36.25% # |
| FTSE/Athex Industrial Goods & Services | 2,668.17 # | 2,646.98 | 21.19 | 0.80% | 2,644.60 | 2,678.19 | 1,884.26 | 2,967.88 | 39.73% # |
| FTSE/Athex Retail | 72.93 Œ | 74.89 | -1.96 | -2.62% | 72.93 | 74.89 | 58.44 | 80.54 | 21.73% # |
| FTSE/ATHEX Real Estate | 5,454.87 Œ | 5,457.98 | -3.11 | -0.06% | 5,430.69 | 5,521.12 | 2,928.70 | 6,158.58 | 80.62% # |
| FTSE/Athex Personal & Household Goods | 8,777.78 # | 8,610.21 | 167.57 | 1.95% | 8,540.76 | 8,794.31 | 6,649.54 | 9,943.56 | 27.61% # |
| FTSE/Athex Food & Beverage | 11,108.95 Œ | 11,167.47 | -58.52 | -0.52% | 11,045.41 | 11,168.66 | 10,000.70 | 13,120.06 | 9.87% # |
| FTSE/Athex Basic Resources | 6,772.22 Œ | 7,001.10 | -228.88 | -3.27% | 6,716.37 | 7,197.91 | 3,146.82 | 11,171.70 | 106.42% # |
| FTSE/Athex Construction & Materials | 3,006.33 Œ | 3,039.26 | -32.93 | -1.08% | 3,003.28 | 3,048.50 | 2,437.75 | 3,183.37 | 16.42% # |
| FTSE/Athex Oil & Gas | 5,316.74 # | 5,249.23 | 67.51 | 1.29% | 5,196.73 | 5,326.09 | 4,612.01 | 5,758.60 | 9.40% # |
| FTSE/Athex Chemicals | 9,229.14 Œ | 9,308.87 | -79.73 | -0.86% | 9,153.18 | 9,382.94 | 7,722.79 | 11,217.47 | 12.88% # |
| FTSE/Athex Travel & Leisure | 1,639.73 Œ | 1,647.47 | -7.74 | -0.47% | 1,624.39 | 1,654.28 | 1,309.57 | 1,754.14 | 23.93% # |
| FTSE/Athex Technology | 983.05 Œ | 984.36 | -1.31 | -0.13% | 973.23 | 993.54 | 692.80 | 1,087.14 | 38.61% # |
| FTSE/Athex Telecommunications | 3,327.86 # | 3,308.59 | 19.27 | 0.58% | 3,292.07 | 3,338.87 | 2,614.94 | 3,605.87 | 27.00% # |
| FTSE/Athex Utilities | 2,716.91 # | 2,672.64 | 44.27 | 1.66% | 2,672.64 | 2,717.40 | 1,729.19 | 2,870.02 | 54.46% # |
| FTSE/Athex Health Care | 484.20 # | 480.76 | 3.44 | 0.72% | 477.32 | 484.20 | 460.82 | 508.96 | -4.35% d |
| Athex All Share Index | 200.42 # | 200.24 | 0.19 | 0.09% | 200.42 | 200.42 | 157.01 | 215.26 | 26.83% # |
| Hellenic Corporate Bond Index | 120.55 # | 120.51 | 0.04 | 0.03% | | | 116.31 | 120.56 | 3.62% # |
| Hellenic Corporate Bond Price Index | 97.11 # | 97.11 | 0.00 | 0.00% | | | 95.04 | 97.16 | 1.38% # |

Note 1: FTSE/Med 100, Hellenic Corporate Bond Price Index and Hellenic Corporate Bond Index closing prices refer to the previous trading day of 16/08/2019.

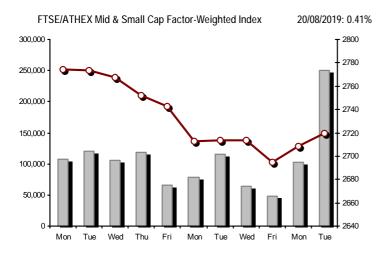
Note 2: The Hellenic Mid & Small Cap Index is a Customized index calculated by the Athens Exchange.

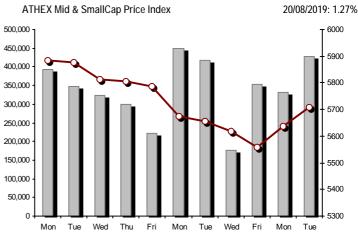
Athex Indices











Indices volume of transactions

Indices closing prices

Analytic Figures for Athex Market's Boards and Categories

| | Total Traded Securities | Main Market | Surveillance | Exchange Traded Funds (ETFs) | |
|---------------------------------------|----------------------------|--------------|--------------|---------------------------------|--|
| Totals | 115 | 101 | 13 | 1 | |
| Gain / Lose / Same: | 51 / 43 / 21 | 50 / 38 / 13 | 1/5/7 | 0/0/1 | |
| Athex Capitalisation (mill. €) ** | 55,248.26 | 54,941.91 | 306.35 | | |
| Daily Average Trans/ons Value(thou.€) | 66,928.70 | 66,922.77 | 43.34 | 41.02 | |
| Transactions Value | 45,499.52 | 45,474.13 | 22.28 | 3.11 | |
| Main Board: | 38,570.42 | 38,545.03 | 22.28 | 3.11 | |
| Blocks Board 6_2_3: | 6,929.10 | 6,929.10 | 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 | 35,176,300 | 34,863,337 | 347,336 | 1,879 | |
| Transactions Volume | 18,943,431 | 18,802,438 | 140,844 | 149 | |
| Main Board: | 17,941,931 | 17,800,938 | 140,844 | 149 | |
| Blocks Board 6_2_3: | 1,001,500 | 1,001,500 | 0 | 0 | |
| Forced Sales Board: | 0 | 0 | 0 | 0 | |
| Special Terms Board: | 0 | 0 | 0 | 0 | |
| Daily Average Number of Trades | 27,512 | 27,365 | 145 | 3 | |
| Number of Trades | 20,299 | 20,182 | 115 | 2 | |
| Main Board: | 20,296 | 20,179 | 115 | 2 | |
| Blocks Board 6_2_3: | 3 | 3 | 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 Trades | Transactions Volume | Transactions Value | % of Total Trans. Value |
|-------|---|--------------------------------------|--------------------|---------------------|------------------------|-----------------------|----------------------------|
| 3010 | - | Banks | 3/3/0 | 7,286 | 11,763,905 | 14,614,943.44 | 32.12% |
| 5510 | - | Basic Resources | 2/6/0 | 526 | 205,131 | 237,927.75 | 0.52% |
| 5010 | - | Construction & Materials | 4 / 4 / 3 | 1,399 | 441,959 | 1,143,032.55 | 2.51% |
| 4020 | - | Consumer Products & Services | 3/2/3 | 1,022 | 300,893 | 1,912,494.00 | 4.20% |
| 6010 | - | Energy | 2/1/0 | 835 | 105,274 | 1,611,760.19 | 3.54% |
| 12000 | - | Financial Instruments | 0/0/1 | 2 | 149 | 3,114.10 | 0.01% |
| 3020 | - | Financial Services | 1/2/0 | 413 | 1,560,349 | 307,359.09 | 0.68% |
| 4510 | - | Food Beverage & Tobacco | 4/5/1 | 254 | 126,712 | 535,513.98 | 1.18% |
| 2010 | - | Health Care | 2/0/2 | 49 | 19,190 | 22,810.85 | 0.05% |
| 5020 | - | Industrial Goods & Service | 11/8/2 | 1,509 | 744,541 | 3,250,609.43 | 7.14% |
| 3030 | - | Insurance | 0/1/0 | 19 | 3,295 | 14,954.05 | 0.03% |
| 4030 | - | Media | 0/0/0 | | | | |
| 4520 | - | Personal Care, Drug & Grocery Stores | 3/0/0 | 197 | 38,943 | 137,330.92 | 0.30% |
| 3510 | - | Real Estate | 4/2/1 | 314 | 80,560 | 438,430.17 | 0.96% |
| 4040 | - | Retail | 4/1/3 | 224 | 89,510 | 162,013.34 | 0.36% |
| 1010 | - | Technology | 2/2/1 | 347 | 117,745 | 210,984.63 | 0.46% |
| 1510 | - | Telecommunications | 1/2/2 | 2,410 | 725,048 | 7,575,480.84 | 16.65% |
| 4050 | - | Travel & Leisure | 2/3/1 | 1,548 | 710,001 | 3,363,616.81 | 7.39% |
| 6510 | - | Utilities | 3/1/1 | 1,945 | 1,910,226 | 9,957,147.10 | 21.88% |

Top 10 best & worst performing Shares

| | | Mai | in N | Market | | | |
|-------------------------------------|-----------------|--------|------|--------------------------------------|---------------|--------|---|
| With positive Price change | Closing price | change | | With negative Price change | Closing price | change | |
| VARVERIS - MODA BAGNO SA (CR) | 0.48 | 15.94% | # | ALUMIL (CR) | 1.17 | -5.26% | Œ |
| KORDELLOS BROS SA (CR) | 0.565 | 10.78% | # | TITAN CEMENT (CB) | 19 | -2.56% | Œ |
| MOTODYNAMICS S.A. (CR) | 1.2 | 5.26% | # | EKTER SA (CR) | 1.69 | -2.31% | Œ |
| BYTE COMPUTER SA (CR) | 1.16 | 4.50% | # | EUROPEAN RELIANCE INSUR. (CR) | 4.47 | -2.19% | Œ |
| TERNA ENERGY (CR) | 7.3 | 4.29% | # | EUROBANK ERGASIAS (CR) | 0.681 | -1.94% | Œ |
| ELTRAK SA (CR) | 3.3 | 3.13% | # | TECHNICAL OLYMPIC SA (CR) | 2.16 | -1.82% | Œ |
| TRASTOR REAL EST. INV. CO.(CR) | 0.945 | 2.72% | # | MARFIN INVESTMENT GROUP (CR) | 0.1324 | -1.78% | Œ |
| JUMBO SA (CR) | 16.37 | 2.44% | # | ATTICA BANK S.A. (CR) | 0.413 | -1.67% | Œ |
| MOTOR OIL (CR) | 21.7 | 2.36% | # | PIRAEUS BANK (CR) | 2.482 | -1.59% | Œ |
| PPC (CR) | 2.59 | 2.05% | # | IKTINOS HELLAS SA (CR) | 1.062 | -1.48% | Œ |
| With the highest Transactions Value | Value (thou. €) | change | | With the highest Transactions Volume | Volume | change | |
| TERNA ENERGY (CR) | 7,833.93 | 4.29% | # | EUROBANK ERGASIAS (CR) | 5,754,211 | -1.94% | Œ |
| OTE (CR) | 7,479.11 | 0.58% | # | ALPHA BANK (CR) | 2,530,669 | 0.69% | # |
| EUROBANK ERGASIAS (CR) | 3,958.17 | -1.94% | Œ | NATIONAL BANK (CR) | 1,730,422 | 0.79% | # |
| NATIONAL BANK (CR) | 3,768.81 | 0.79% | # | MARFIN INVESTMENT GROUP (CR) | 1,538,296 | -1.78% | Œ |
| ALPHA BANK (CR) | 3,675.89 | 0.69% | # | PIRAEUS BANK (CR) | 1,178,120 | -1.59% | Œ |
| OPAP (CR) | 3,021.66 | -0.52% | Œ | TERNA ENERGY (CR) | 1,130,908 | 4.29% | # |
| PIRAEUS BANK (CR) | 2,956.92 | -1.59% | Œ | PPC (CR) | 672,511 | 2.05% | # |
| JUMBO SA (CR) | 1,768.90 | 2.44% | # | OTE (CR) | 621,586 | 0.58% | # |
| PPC (CR) | 1,751.85 | 2.05% | # | ATTICA BANK S.A. (CR) | 569,065 | -1.67% | Œ |
| MYTILINEOS HOLDINGS (CR) | 1,379.29 | 0.85% | # | INTRALOT (CR) | 351,128 | 0.00% | 7 |

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

| Derivatives | Summary |
|-------------|----------------|
|-------------|----------------|

| | Number of Trades | Volume | Open Interest |
|--------------------------------|------------------|--------|---------------|
| Index Futures | 246 | 1,450 | 15,665 |
| FTSE/Athex Large Cap | 246 | 1,450 | 15,665 |
| Stock Futures | 1,919 | 22,281 | 381,180 |
| ADMIE (IPTO) HOLDING S.A. (CR) | 53 | 428 | 6,842 |
| ALPHA BANK (CR) | 266 | 4,145 | 63,271 |
| ATTICA BANK S.A. (CR) | 11 | 86 | 7,863 |
| CC HBC AG (CR) | 9 | 11 | 279 |
| CENERGY HOLDINGS (CB) | 16 | 52 | 9,429 |
| ELLAKTOR (CR) | 59 | 476 | 9,304 |
| EUROBANK ERGASIAS (CR) | 156 | 3,198 | 49,307 |
| EYDAP S.A. (CR) | 1 | 1 | 364 |
| FOURLIS (CR) | 15 | 18 | 411 |
| GEK TERNA (CR) | 28 | 117 | 8,568 |
| HELLENIC EXCHANGES-A.S.E. (CR) | 9 | 35 | 2,874 |
| HELLENIC PETROLEUM (CR) | 6 | 11 | 2,070 |
| INTRACOM HOLDINGS (CR) | 16 | 192 | 4,572 |
| INTRALOT (CR) | 38 | 639 | 5,412 |
| JUMBO SA (CR) | 47 | 178 | 806 |
| LAMDA DEVELOPMENT SA (CR) | 24 | 83 | 2,311 |
| MARFIN INVESTMENT GROUP (CR) | 30 | 768 | 83,764 |
| MOTOR OIL (CR) | 4 | 6 | 449 |
| MYTILINEOS HOLDINGS (CR) | 63 | 235 | 11,442 |
| NATIONAL BANK (CR) | 391 | 6,846 | 52,760 |
| OPAP (CR) | 17 | 73 | 4,323 |
| OTE (CR) | 37 | 203 | 3,488 |
| P.P.A. S.A. (CR) | 7 | 387 | 732 |
| PIRAEUS BANK (CR) | 292 | 2,588 | 23,724 |
| PPC (CR) | 200 | 1,104 | 15,025 |
| TERNA ENERGY (CR) | 90 | 262 | 5,533 |
| VIOHALCO SA/NV (CB) | 34 | 139 | 6,257 |
| Index Options | 25 | 267 | 1,607 |
| FTSE/Athex Large Cap | 25 | 267 | 1,607 |
| Stock Options | 2 | 31 | 2,179 |
| ALPHA BANK (CR) | 0 | 0 | 151 |
| NATIONAL BANK (CR) | 0 | 0 | 377 |
| OPAP (CR) | 1 | 1 | 0 |
| OTE (CR) | 0 | 0 | 0 |
| PIRAEUS BANK (CR) | 0 | 0 | 186 |
| PPC (CR) | 1 | 30 | 1,465 |
| Total Derivatives Traded | 2,192 | 24,029 | 400,631 |

| , | | |
|--|--------|------------------------|
| Section 2: Analytic Figures of Shares Transa | ctions | Tuesday, 20 August, 20 |

| Number of Outstanding Securities Nomina Value | | Dividends 6 2017 | | Date of Last B Dividend [2] | t Coupon Right | Note | Shares | Closing price | % change | | s closing e/date | Open price | | rice Last max price | | Last Bid [7] | Last Ask [7] | P/E after | Year | Volume | Trades | Transactions Value[8] | Company N Value (thou. | | | ear igh | Sector[4] |
|--|--------|---------------------|-------|--------------------------------|-------------------|------|--------------------------------|---------------|----------------|-------|---------------------|---------------|--------|------------------------|-----|------------------|--------------|--------------|------|-----------|--------|--------------------------|---------------------------|----------|--------|------------|---------------|
| Main Market - | High | ո Liqui | idity | | | | | | | | | | | | | | | | | | | | | | | | |
| 1,543,699,381 0.300 | | | | 07/04/2008 | 18/04/201 | 17 | ALPHA BANK (CR) | 1.46 | 0.69 # | 1.45 | 19/08/2019 | 1.459 | 1.421 | 1.479 1.46 | 1. | 453 1242@1.46 | 17450@1.46 | | | 2,530,669 | 1,901 | 3,675,886.6 | 3 2,253,801.10 | 0.841 | 1.86 | 30 | 0101010 |
| 461,254,013 0.300 | | | | 04/06/2008 | 30/04/20 | 18 | ATTICA BANK S.A. (CR) | 0.413 | -1.67 Œ | 0.42 | 19/08/2019 | 0.4235 | 0.4050 | 4245 0.413 | 0. | 413 175@0.413 | 3997@0.416 | | | 569,065 | 323 | 235,207.3 | 1 190,497.91 | 1 0.0992 | 0.62 | 30 | 0101010 |
| 190,162,681 | | | | | 07/12/20 | 16 | CENERGY HOLDINGS (CB) | 1.376 | -0.72 Œ | 1.386 | 19/08/2019 | 1.394 | 1.37 | 1.394 1.376 | 1. | .384 49@1.37 | 385@1.38 | | | 72,567 | 159 | 100,452.5 | 5 261,663.85 | 5 1.182 | 1.61 | 50 | 0202010 |
| 372,535,329 6.70 | 0.4 | 14 0.54 | 2 | .57 04/07/2019 | 29/04/20 | 13 | CC HBC AG (CR) | 29.77 | -0.54 Œ | 29.93 | 19/08/2019 | 29.93 | 29.6 | 29.93 29.77 | 29 | 9.71 30@29.62 | 100@29.78 | | | 15,785 | 67 | 468,964.8 | 411,090,376.74 | 4 26.81 | 35.2 | 45 | 5101020 |
| 51,807,314 0.810 | | | | 21/06/2010 | 23/07/201 | 19 | FOURLIS (CR) | 5.35 | 0.94 # | 5.3 | 19/08/2019 | 5.29 | 5.19 | 5.37 5.35 | 5. | .344 20@5.25 | 181@5.35 | | | 19,485 | 89 | 104,121.5 | 277,169.13 | 3 3.775 | 5.86 | 40 | 0401010 |
| 76,000,000 1.00 | | | | 03/07/2007 | 17/09/201 | 18 | INTRACOM HOLDINGS (CR) | 0.946 | -0.32 Œ | 0.949 | 19/08/2019 | 0.942 | 0.936 | 0.957 0.946 | 0. | .947 1000@0.936 | 1950@0.944 | | | 99,579 | 160 | 94,338.3 | 71,896.00 | 0.61 | 1.202 | 15 | 5101010 |
| 136,059,759 0.880 | 0.3 | 36 0.36 | 0 | .39 08/05/2019 | 05/03/20 | 14 | JUMBO SA (CR) | 16.37 | 2.44 # | 15.98 | 19/08/2019 | 15.98 | 15.8 | 16.48 16.37 | 16. | .098 25@16.33 | 2166@16.38 | | | 109,880 | 793 | 1,768,899.9 | 5 2,227,298.2 | 5 12.22 | 18.88 | 40 | 0203045 |
| 79,721,775 0.300 | | | | 30/05/2007 | 23/06/201 | 14 | LAMDA DEVELOPMENT SA (CR) | 8.8 | -0.23 Œ | 8.82 | 19/08/2019 | 8.86 | 8.77 | 8.93 8.8 | 8. | .856 1010@8.80 | 410@8.84 | | | 42,729 | 180 | 378,393.6 | 5 701,551.62 | 2 5.62 | 10.1 | 35 | 5101010 |
| 939,510,748 0.300 | | | | 26/04/2007 | 29/08/201 | 14 | MARFIN INVESTMENT GROUP (CR | 0.1324 | -1.78 Œ | 0.135 | 19/08/2019 | 0.1344 | 0.1320 | 1364 0.1324 | 0. | .134 3625@0.133 | 23052@0.134 | | | 1,538,296 | 284 | 206,062.8 | 3 124,391.22 | 2 0.067 | 0.1592 | 30 | 0202000 |
| 78,668,627 | | | | | 23/07/20 | 19 | TITAN CEMENT (CB) | 19 | -2.56 Œ | 19.5 | 19/08/2019 | 19.14 | 19 | 19.44 19 | 19. | .132 100@18.90 | 50@19.26 | | | 9,312 | 148 | 178,158.1 | 1,494,703.9 | 1 18.62 | 20 | 50 | 0101030 |
| 259,189,761 | | | | | 26/02/20 | 16 | VIOHALCO SA/NV (CB) | 3.925 | 0.26 # | 3.915 | 19/08/2019 | 3.94 | 3.86 | 3.98 3.925 | 3. | .925 749@3.92 | 500@3.93 | | | 169,985 | 259 | 667,187.5 | 7 1,017,319.8 | 1 2.45 | 4.495 | 50 | 0203000 |
| 232,000,000 2.12 | | | 0.06 | 601 02/08/2019 | 19/06/20 | 17 | ADMIE (IPTO) HOLDING S.A. (CR) | 2.03 | -0.25 Œ | 2.035 | 19/08/2019 | 2.05 | 2.025 | 2.06 2.03 | 2. | .042 4860@2.03 | 1000@2.05 | 11.14 | 2018 | 79,908 | 202 | 163,138.3 | 0 470,960.00 | 1.46 | 2.29 | 65 | 5101015 |
| 71,417,100 0.650 | 0 | .4 0.55 | , | 0.6 03/06/2019 | 27/06/20 | 14 | AEGEAN AIRLINES (CR) | 8.1 | -0.12 Œ | 8.11 | 19/08/2019 | 8.01 | 8.01 | 8.13 8.1 | 8. | .088 240@8.07 | 32344@8.10 | | | 19,987 | 142 | 161,650.5 | 7 578,478.5 | 1 6.97 | 8.73 | 40 | 0501010 |
| 103,423,291 0.570 | | | | 01/08/2011 | 19/04/201 | 16 | GEK TERNA (CR) | 6.29 | 0.48 # | 6.26 | 19/08/2019 | 6.26 | 6.16 | 6.38 6.29 | 6. | .277 604@6.27 | 1000@6.30 | | | 52,000 | 338 | 326,412.0 | 5 650,532.50 | 0 4.08 | 7 | 50 | 0101010 |
| 232,000,000 2.48 | | | | 20/07/2015 | 12/12/200 | 01 | PPC (CR) | 2.59 | 2.05 # | 2.538 | 19/08/2019 | 2.58 | 2.544 | 2.664 2.59 | 2. | .605 557@2.59 | 10500@2.60 | | | 672,511 | 990 | 1,751,850.4 | 5 600,880.00 | 1.201 | 2.93 | 65 | 5101015 |
| 914,715,153 3.00 | | | | 16/05/2008 | 29/08/201 | 18 | NATIONAL BANK (CR) | 2.178 | 0.79 # | 2.161 | 19/08/2019 | 2.18 | 2.14 | 2.22 2.178 | 2. | .178 5612@2.17 | 6000@2.18 | | | 1,730,422 | 1,756 | 3,768,812.3 | 1 1,992,249.60 | 0.9 | 2.667 | 30 | 0101010 |
| 214,272,003 1.03 | | | | 05/07/2011 | 22/07/20 | 19 | ELLAKTOR (CR) | 2.16 | 0.47 # | 2.15 | 19/08/2019 | 2.15 | 2.13 | 2.185 2.16 | 2. | .157 4020@2.16 | 2601@2.18 | | | 220,933 | 480 | 476,531.4 | 4 462,827.53 | 3 1.1784 | 2.3 | 50 | 0101010 |
| 60,348,000 0.580 | 0.06 | 55 0.0502 | 2 0 | .05 05/06/2019 | 05/08/20 | 19 | HELLENIC EXCHANGES-A.S.E. (CF | R) 4.54 | -0.44 Œ | 4.56 | 19/08/2019 | 4.6 | 4.515 | 4.6 4.54 | 4. | .547 300@4.52 | 2097@4.54 | | | 21,868 | 125 | 99,441.2 | 1 273,979.92 | 2 3.52 | 5.23 | 30 | 0202015 |
| 305,635,185 2.18 | | 0.4 | 0 | .75 01/07/2019 | 01/10/200 | 03 | HELLENIC PETROLEUM (CR) | 9.25 | -0.96 Œ | 9.34 | 19/08/2019 | 9.4 | 9.18 | 9.4 9.25 | 9. | .286 260@9.24 | 2036@9.35 | | | 50,590 | 338 | 469,761.0 | 5 2,827,125.46 | 6 7.23 | 9.55 | 60 | 0101000 |
| 156,961,721 0.300 | | | | 30/05/2013 | 14/11/200 | 07 | INTRALOT (CR) | 0.5 | ¬ | 0.5 | 19/08/2019 | 0.491 | 0.48 | 0.506 0.5 | 0. | .494 5123@0.490 | 23128@0.500 | | | 351,128 | 221 | 173,529.6 | 1 78,480.86 | 6 0.3 | 0.581 | 40 | 0501020 |
| 110,782,980 0.750 | 0 | .9 1.3 | 1 | 1.3 26/06/2019 | 04/11/20 | 13 | MOTOR OIL (CR) | 21.7 | 2.36 # | 21.2 | 19/08/2019 | 21.44 | 21 | 21.7 21.7 | 21. | .403 2040@21.50 | 10@21.72 | | | 53,234 | 489 | 1,139,366.6 | 2 2,403,990.6 | 7 19.12 | 24.4 | 60 | 0101020 |
| 142,891,161 0.970 | | 0.32 | 2 0 | 1.36 26/06/2019 | 07/07/20 | 17 | MYTILINEOS HOLDINGS (CR) | 10.07 | 0.85 # | 9.985 | 19/08/2019 | 10.1 | 9.995 | 10.13 10.07 | 1(| 0.04 100@10.06 | 8898@10.07 | | | 137,373 | 587 | 1,379,289.2 | 4 1,438,913.99 | 9 7.19 | 11.43 | 50 | 0203000 |
| 25,000,000 2.00 | 0.089 | 0.1712 | 2 0.4 | 424 22/07/2019 | 08/08/200 | 03 | P.P.A. S.A. (CR) | 23.15 | 1.98 # | 22.7 | 19/08/2019 | 22.6 | 22.3 | 23.2 23.15 | 22. | .894 1@23.00 | 26@23.10 | 20.76 | 2018 | 10,368 | 156 | 237,367.0 | 5 578,750.00 | 14.42 | 25.25 | 50 | 0206060 |
| 321,623,443 0.300 | 0.7 | 72 0.4 | | 0.7 26/06/2019 | 25/04/200 | 01 | OPAP (CR) | 9.565 | -0.52 Œ | 9.615 | 19/08/2019 | 9.615 | 9.46 | 9.68 9.565 | 9. | .547 20@9.52 | 7145@9.57 | | | 316,498 | 1,134 | 3,021,664.9 | 5 3,076,328.23 | 3 7.5241 | 10.32 | 40 | 0501020 |
| 479,939,319 2.83 | | 16 0.3529 | | 245 22/07/2019 | | | OTE (CR) | 12.09 | 0.58 # | | 19/08/2019 | 12.02 | | 12.14 12.09 | 12. | .032 2550@12.02 | 10658@12.09 | | | 621,586 | | | 4 5,802,466.3 | | | | 5102015 |
| 436,659,164 6.00 | | | | 16/05/2008 | | | PIRAEUS BANK (CR) | 2.482 | -1.59 Œ | 2.522 | 19/08/2019 | 2.568 | 2.462 | 2.576 2.482 | | 2.51 6787@2.48 | 3103@2.49 | | | 1,178,120 | 1,320 | | 5 1,083,788.0 | | 3.29 | 30 | 0101010 |
| 69,877,484 0.780 | (0.087 | 5) (0.14) | 0.14 | 489 24/07/2019 | 13/06/20 | 18 | GR. SARANTIS S.A. (CR) | 8.05 | 0.37 # | | 19/08/2019 | 8.02 | 7.96 | 8.05 8.05 | | 8.03 100@7.98 | 30533@8.05 | | | 15,386 | 131 | 123,555.3 | 7 562,513.75 | 5 6.72 | 9.19 | 45 | 5201020 |
| 113,918,936 0.300 | 0.093 | 9 0.0419 |) | 10/01/2018 | 07/01/20 | 19 | TERNA ENERGY (CR) | 7.3 | 4.29 # | 7 | 19/08/2019 | 6.92 | 6.92 | 7.33 7.3 | 6. | .927 250@7.28 | 830@7.31 | | | 1,130,908 | 598 | 7.833.930.5 | 2 831,608.23 | 3 5.3 | 7.47 | 65 | 5101010 |
| 3,709,161,852 0.230 | | | | 02/05/2008 | | | | 0.681 | -1.94 Œ | | 19/08/2019 | | | 7015 0.681 | | .688 22441@0.681 | 5000@0.682 | | | 5,754,211 | | | 0 2,525,939.22 | | | | 0101010 |
| | | | | | | | (, | | | | | | | | | | | | | -,, | ., | -,, | ,, | | | | |
| Main Market - | Med | lium L | iqui | dity Class | 3 | | | | | | | | | | | | | | | | | | | | | | |
| 13,126,020 0.560 | | | | 08/07/2010 | 07/09/201 | 18 | AS COMPANY SA (CR) | 2.97 | -2.62 Œ | 3.05 | 19/08/2019 | 2.97 | 2.97 | 3.05 2.97 | 2. | .996 56@2.97 | 500@3.01 | | | 1,222 | 16 | 3,661.7 | 38,984.28 | 3 2.38 | 3.28 | 40 | 0401030 |
| 102,847,472 0.300 | | | | 01/07/2008 | 01/03/201 | 10 | AUDIO VISUAL ENTERPRISES (CR | 0.336 | ¬ | 0.336 | 19/08/2019 | | | | | 2452@0.290 | 1500@0.320 | | | | | | - 34,556.75 | 5 0.171 | 0.4 | 40 | 0301010 |
| 48,855,000 0.080 | (0.212 | 5) (0.275) | #### | ### 20/05/2019 | 25/06/20 | 19 | AUTOHELLAS SA (CR) | 5.62 | -1.06 Œ | 5.68 | 19/08/2019 | 5.66 | 5.58 | 5.68 5.62 | | 5.63 15@5.58 | 645@5.62 | | | 6,908 | 28 | 38,894.7 | 274,565.10 | 5.25 | 6.55 | 40 | 0201040 |
| 11,921,531 2.33 | | 0.035 | 0.0 | 055 22/03/2019 | 31/07/20 | 17 | BRIQ PROPERTIES (CR) | 2.28 | 0.88 # | 2.26 | 19/08/2019 | 2.28 | 2.26 | 2.28 2.26 | 2. | .271 914@2.26 | 200@2.38 | 9.44 | 2018 | 200 | 2 | 454.2 | 3 27,181.09 | 9 1.96 | 2.56 | 35 | 5102030 |
| 15,816,009 0.300 | | | | 01/07/2009 | 17/07/200 | 00 | BYTE COMPUTER SA (CR) | 1.16 | 4.50 # | 1.11 | 19/08/2019 | 1.16 | 1.11 | 1.18 1.16 | 1. | .152 1680@1.15 | 2917@1.16 | | | 85,711 | 181 | 98,757.4 | 18,346.5 | 7 0.49 | 1.41 | 10 | 0101010 |
| 101,123,806 0.360 | | | | 22/07/2010 | 28/06/20 | 11 | CENTRIC HOLDINGS (CR) | 0.23 | 3.14 # | 0.223 | 19/08/2019 | 0.227 | 0.225 | 0.231 0.23 | 0. | .229 7000@0.229 | 435@0.231 | | | 32,592 | 25 | 7,473.3 | 3,258.48 | 8 0.118 | 0.263 | 40 | 0203040 |
| 784,500 10.00 | | | 0 | .13 14/05/2019 | 31/07/20 | 18 | CNL CAPITAL (CR) | 10.1 | 1.00 # | 10 | 19/08/2019 | 10 | 10 | 10.1 10.1 | 10. | 027 324@9.90 | 40@10.10 | -(6)- | 2018 | 185 | 4 | 1,855.0 | 7,923.4 | 5 9.35 | 10.5 | 30 | 0202000 |

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

Year: 140 Trading Day No: 156

Tuesday, 20 August, 2019

| Outstanding | minal | | idends [| 1] Date of La | st Coupon | Not- | Shares | Closing | 0/ change | Previous clo | | en Pric | e Price Last A | | Last Ask [7] | P/E | Year | Volume T | Trades T | ransactions | Company Mk | t Yea | ır Yeai | Sector |
|---------------|-------|------|----------|-------------------|--------------|------|-------------------------------|---------|----------------|--------------|-----------|---------|-----------------|--------------------|--------------|-------|------|----------|----------|-------------|----------------|--------|---------|----------|
| Securities V | /alue | 2016 | 2017 | 2018 Dividend [2] | Right | Note | Silales | price | % change | price/dat | e prio | ce mi | n max price pr | ice [7] | | after | Year | volume | | Value[8] | Value (thou. € | E) low | v high | h 4] |
| 9,907,500 0 | 0.300 | | | 06/10/200 | 05 13/02/200 |)2 | CPI SA (CR) | 0.242 | | 0.242 19/08 | /2019 | | | 100@0.242 | 100@0.258 | | 2018 | | | | 2,397.62 | 0.186 | 0.31 | 1010203 |
| 52,800,154 0 | .300 | | | 20/08/201 | 4 21/06/200 |)4 | F.G. EUROPE S.A. (CR) | 0.492 | ¬ | 0.492 19/08 | /2019 0.4 | 192 0.4 | 192 0.492 0.492 | 0.492/393181@0.492 | | | | 83,524 | 26 | 41,093.81 | 25,977.68 | 0.342 | 0.62 | 4020202 |
| 11,720,024 0 | 0.540 | | | 21/08/201 | 4 01/08/201 | 18 | FLEXOPACK SA (CR) | 6.7 | -3.60 Œ | 6.95 19/08 | /2019 | 6.7 | 6.7 6.85 6.7 | 6.701 500@6.55 | 82@6.95 | | | 810 | 4 | 5,427.75 | 78,524.16 | 6.25 | 7.95 | 5020303 |
| 20,578,374 0 | 0.620 | 0.07 | 0.1 | 08/06/201 | 8 18/05/201 | 15 | INFORM P. LYKOS SA (CR) | 1.71 | -0.58 Œ | 1.72 19/08 | /2019 1.7 | 745 1. | .69 1.745 1.71 | 1.713 1491@1.70 | 440@1.72 | | | 18,371 | 46 | 31,477.60 | 35,189.02 | 0.744 | 1.78 | 5020503 |
| 10,500,000 4 | 4.00 | 0.28 | 0.31 | 0.36 07/05/201 | 9 02/08/201 | 16 | INTERCONTINENTAL (CR) | 6.15 | 0.82 # | 6.1 19/08 | /2019 6. | .15 | 6.1 6.15 6.15 | 6.144 50@6.05 | 500@6.20 | | | 252 | 3 | 1,548.25 | 64,575.00 | 5.5 | 6.7 | 3510200 |
| 30,477,156 0 | 0.300 | | | 12/08/200 | 08 17/10/201 | 17 | INTRACOM CONSTR. (CR) | 1.75 | | 1.75 19/08 | /2019 1.7 | 785 1.7 | 735 1.785 1.755 | 1.749 150@1.74 | 350@1.75 | | | 11,470 | 41 | 20,058.17 | 53,335.02 | 0.92 | 2 | 5010101 |
| 468,700 | | 0.73 | 0.73 | 4.869 25/04/201 | 9 21/05/200 |)4 | MERMEREN KOMB. A.D. PR. (GDR) | 58.4 | 2.46 # | 57 19/08 | /2019 | 58 | 58 59 59 | 58.304 5@56.20 | 44@58.00 | 1.20 | 2018 | 144 | 5 | 8,395.80 | 27,372.08 | 44 | 76.8 | 5510200 |
| 10,500,000 0 | .950 | | | 24/06/200 | 08 30/06/201 | 17 | MEVACO SA (CR) | 1.23 | ¬ | 1.23 19/08 | /2019 | | | 91@1.24 | 500@1.30 | | 2018 | | | | 12,915.00 | 0.91 | 1.4 | 5510201 |
| 6,200,000 0 | .500 | | | 22/06/201 | 0 01/11/199 | 95 | MINERVA KNITWEAR SA (CB) | 0.284 | ¬ | 0.284 19/08 | /2019 | | | 2000@0.220 | 2000@0.284 | | | | | | 1,760.80 | 0.153 | 0.298 | 4020402 |
| 12,417,000 0 |).310 | | | 28/07/200 | 08 28/08/201 | 17 | MLS MULTIMEDIA SA (CR) | 4.8 | -0.41 Œ | 4.82 19/08 | /2019 4. | .76 4. | .73 4.8 4.8 | 4.761 150@4.72 | 1082@4.80 | 37.23 | 2018 | 5,930 | 26 | 28,229.95 | 59,601.60 | 4.6 | 5.32 | 1010101 |
| 3,953,090 0 | 0.300 | 0.2 | 0.16 | 0.15 06/06/201 | 19 05/12/201 | 12 | PAPERPACK (CR) | 3.78 | ¬ | 3.78 19/08 | /2019 | | | 100@3.44 | 100@3.72 | 19.63 | 2018 | | | | 14,942.68 | 2.8 | 3.86 | 5020303 |
| 11,812,193 0 | .470 | | | 29/05/201 | 8 10/07/201 | 19 | PROFILE SA (CR) | 3.7 | 1.65 # | 3.64 19/08 | /2019 3. | .74 3. | .67 3.74 3.7 | 3.696 250@3.68 | 650@3.70 | | | 14,540 | 89 | 53,746.14 | 43,705.11 | 1.21 | 3.95 | 1010101 |
| 27,345,120 0 | .470 | | | 18/07/200 | 5 26/02/201 | 4 | QUALITY & RELIABILITY SA (CR) | 0.203 | -0.98 Œ | 0.205 19/08 | /2019 0.2 | 205 0.2 | 201 0.206 0.203 | 0.202 320@0.200 | 1525@0.201 | | | 7,263 | 20 | 1,467.87 | 5,551.06 | 0.161 | 0.271 | 1010101 |
| 35,740,896 0 |).100 | | | 05/09/200 | 08 30/07/201 | 19 | QUEST HOLDINGS (CR) | 6.7 | ¬ | 6.7 19/08 | /2019 6. | .74 6 | .62 6.8 6.7 | 6.692 768@6.22 | 23@6.68 | | | 4,301 | 31 | 28,783.22 | 239,464.00 | 4.2667 | .3333 | 1010101 |
| 57,434,884 1 | 1.31 | | | 05/06/200 | 08 12/06/200 |)9 | REDS S.A. (CR) | 1.09 | -1.80 Œ | 1.11 19/08 | /2019 1. | .08 1. | .08 1.12 1.12 | 1.088 1978@1.09 | 298@1.12 | | | 3,914 | 14 | 4,257.39 | 62,604.02 | 0.8 | 1.3 | 3510101 |
| 6,456,530 1 | 1.08 | | | 04/07/201 | 9 02/08/201 | 10 | SPACE HELLAS SA (CR) | 5 | -3.10 Œ | 5.16 19/08 | /2019 4. | .76 4. | .76 5 5 | 4.963 19@4.85 | 11@5.00 | | | 99 | 40 | 491.30 | 32,282.65 | 4.4 | 5.55 | 1510101 |
| 15,627,315 0 | 0.300 | | | 16/11/199 | 2 24/07/201 | 19 | UNIBIOS (CR) | 0.394 | 2.34 # | 0.385 19/08 | /2019 0. | .38 0 | .38 0.398 0.394 | 0.384 1000@0.372 | 670@0.394 | | | 5,615 | 9 | 2,158.09 | 6,157.16 | 0.2334 | 0.47 | 5020400 |
| 77,654,850 0 | 0.300 | | | 01/07/201 | 1 21/02/200 |)3 | AVAX S.A. (CR) | 0.768 | 1.19 # | 0.759 19/08 | /2019 0. | .76 0.7 | 48 0.788 0.768 | 0.766 600@0.750 | 492@0.768 | | | 46,660 | 109 | 35,749.44 | | | 0.879 | 5010101 |
| 22,016,250 0 | | | | 15/07/200 | 9 11/05/200 | 00 | ALUMIL (CR) | 1.17 | -5.26 Œ | 1.235 19/08 | /2019 1. | .25 1. | .17 1.275 1.17 | 1.202 500@1.17 | 100@1.22 | | | 47,079 | 221 | 56,593.86 | 25,759.01 | 0.181 | 2.17 | 5510203 |
| 401,136 1 | 6.00 | | 0.75 | 05/04/201 | 8 05/03/201 | 13 | ANDROMEDA SA (CR) | 23.8 | | 23.8 19/08 | /2019 | | | 102@24.00 | 10@26.00 | | 2018 | | | | 9,547.04 | 20.4 | 26.8 | 3020201 |
| 15,300,000 0 | 0.300 | | | 30/07/200 | 9 13/12/199 | 99 | ATTICA PUBLICATIONS SA (CR) | 0.368 | ¬ | 0.368 19/08 | /2019 | | | 3700@0.290 | 3672@0.358 | | | | | | 5,630.40 | 0.202 | 0.505 | 4030103 |
| 18,810,000 0 | 0.400 | | | 08/07/201 | 0 14/11/200 |)7 | VARVERIS - MODA BAGNO SA (CR) | 0.48 | 15.94 # | 0.414 19/08 | /2019 0. | .43 0. | .43 0.505 0.48 | 0.475 6970@0.480 | 4000@0.490 | | | 48,974 | 61 | 23,267.25 | 9,028.80 | 0.262 | 0.505 | 4040102 |
| 23,986,500 1 | 1.05 | | | 26/06/200 | 9 15/03/200 | 00 | Biola III 21 ou II(oli) | 0.86 | ¬ | 0.86 19/08 | /2019 | | | 470@0.745 | 44@0.860 | | | | | | 20,628.39 | 0.45 | 1.05 | 5010103 |
| 6,325,000 0 | | 0.11 | 0.15 | 0.103 04/07/201 | 19 17/02/201 | 14 | ` ' | 2.26 | | 2.26 19/08 | | | | 54@2.12 | 150@2.28 | | | | | | 14,294.50 | 1.61 | 2.44 | 5020501 |
| 24,060,000 0 | | 0.01 | 0.01 | 0.015 01/07/201 | 19 01/07/201 | 19 | | 0.845 | -0.59 Œ | | | | .82 0.845 0.845 | 0.825 6084@0.820 | 450@0.845 | 21.09 | 2018 | 1,650 | 9 | 1,361.50 | | | 0.9 | 5020501 |
| 34,720,000 0 | | | | 16/06/201 | | | | 0.386 | 0.26 # | | /2019 0.3 | | .38 0.395 0.386 | 0.383 1024@0.380 | 740@0.385 | | | 50,083 | 60 | 19,193.35 | | | 0.465 | 4020201 |
| 13,673,200 0 | | | | 18/07/200 | | | ` ' | 0.978 | | 0.968 19/08 | | | 778 0.978 0.978 | 0.978 200@0.914 | 1300@0.960 | | | 10 | 1 | 9.78 | | | 1.16 | 4510202 |
| 27,848,000 0 | | | 0.0034 | 20/08/201 | | | ` , | 0.422 | | 0.422 19/08 | | | 122 0.422 0.422 | 0.422 5000@0.390 | 960@0.428 | | | 3,368 | 3 | 1,421.30 | | | 0.48 | 1510201 |
| 11,250,000 0 | | 0.04 | | 0.04 22/07/201 | | | | 1.69 | | 1.73 19/08 | | 1.7 1. | .69 1.74 1.69 | 1.708 130@1.69 | 843@1.71 | | | 18,632 | 78 | 31,827.92 | | | 1.985 | 5010101 |
| 18,410,839 1 | | | | 07/07/200 | | | ` , | 1.425 | | 1.425 19/08 | | | | 500@1.40 | 1400@1.41 | -(6)- | 2017 | | | | 26,235.45 | | | 5510201 |
| 375,241,586 0 | | | | 0.03 28/05/201 | | | · , | 1.842 | -0.43 Œ | | | .87 1.8 | 312 1.88 1.842 | 1.843 500@1.82 | 933@1.84 | | | 67,738 | 139 | | 691,195.00 | | | 5510201 |
| 3,307,500 0 | | | | 11/08/201 | | | , , | 4.26 | | 4.26 19/08 | | | | 2156@3.92 | 40@4.38 | | | | | | 14,089.95 | | 4.64 | 4020402 |
| 31,734,530 1 | | | | 09/07/200 | | | 2202101011 (011) | 0.27 | 4.65 # | | /2019 0.2 | | 256 0.27 0.27 | 0.262 7600@0.262 | 1300@0.268 | | | 17,967 | 29 | 4,712.21 | 8,568.32 | | | 4520101 |
| 19,864,886 5 | | | 0.672 | 0.672 04/04/201 | | | | 14.14 | 0.43 # | | | | 14 14.14 14.14 | 14.066 492@14.14 | 55@14.18 | | | 1,418 | 40 | 19,945.04 | | 12.2 | 15.2 | 3010101 |
| 26,730,187 0 | | | 0.04 | 0.06 09/07/201 | | | | 1.72 | | 1.71 19/08 | | | .69 1.76 1.72 | 1.721 230@1.69 | 962@1.72 | | 2017 | 12,131 | 51 | 20,872.69 | | | 1.93 | 5020501 |
| 14,050,971 0 | | | | | | | ELTRAK SA (CR) | 3.3 | 3.13 # | | | | 3.3 3.3 3.3 | 3.33021213@3.30 | 10000@3.32 | | | 222,002 | 73 | 732,606.60 | | 2.12 | 3.3 | 5020402 |
| 36,300,000 1 | | | 0.221 | 0.126 27/06/201 | | | | | ¬ | | | | .08 5.16 5.08 | 5.093 180@5.06 | 47@5.08 | | | 2,581 | 15 | 13,144.40 | | 4.14 | 5.7 | 6510203 |
| 106,500,000 0 | | 0.11 | 0.2 | 0.27 28/06/201 | | | | 8.06 | 0.25 # | | | | .81 8.2 8.06 | 8.022 602@7.99 | 682@8.06 | | | 24,318 | 140 | 195,083.43 | | 4.825 | 8.37 | 6510203 |
| 27,503,677 0 | 0.630 | 0.1 | 0.12 | 0.13 29/05/201 | 19 18/10/199 | 99 | EUROPEAN RELIANCE INSUR. (CR) | 4.47 | -2.19 Œ | 4.57 19/08 | /2019 4. | .58 4. | .47 4.58 4.47 | 4.538 50@4.47 | 200@4.53 | | | 3,295 | 19 | 14,954.05 | 122,941.44 | 3.4 | 5.38 | 30302010 |

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

Section 2, 2/5

Year: 140 Trading Day No: 156

Tuesday, 20 August, 2019

| Section 2. Analytic | i igui o. | 01 011 | aros mansac | 500115 | | | | | | | | | | | | | | | | | | . 40. | suuy, zo | , luge | 131, 2017 |
|---|-----------|-------------------|--------------------------|--------|-----------------|------|--------------------------------|---------------|-----------------|-------|-------------------------|---------------|---------|--------------------------------|------------------|--------------|--------------|------|--------|--------|-----------|------------------------------|----------|--------|---------------------|
| Number of Outstanding Securities Nominal Value | | vidends 2017 | [1] Date of 2018 Dividen | | Coupon Right | Note | Shares | Closing price | % change | | ous closing ice/date | Open price | | ice Last Avg nax price pric | | Last Ask [7] | P/E after | Year | Volume | Trades | | Company Mk Value (thou. € | | | ar Sector[jh 4] |
| 122,156,754 0.440 | | | 24/11 | /2014 | 28/03/2018 | | IASO SA (CR) | 1.408 | 0.71 # | 1.398 | 19/08/2019 | 1.388 | 1.388 1 | .408 1.408 | 1.39 1937@1.39 | 228@1.41 | | | 1,227 | 4 | 1,705.22 | 171,996.71 | 1.18 | 1.49 | 20101010 |
| 86,735,980 0.310 | | | 06/07 | /2009 | 02/01/2002 | | ATHENS MEDICAL CENTER SA (CR) | 2.15 | 1.90 # | 2.11 | 19/08/2019 | 2.05 | 2.05 | 2.17 2.15 | 2.123 50@2.11 | 70@2.15 | | | 8,141 | 32 | 17,282.34 | 186,482.36 | 0.96 | 2.41 | 20101025 |
| 114,320,400 0.100 | | (0.0175) | ##### 08/07 | /2019 | 05/08/2019 | | IKTINOS HELLAS SA (CR) | 1.062 | -1.48 0 | 1.078 | 19/08/2019 | 1.098 | 1.05 | 1.1 1.064 | 1.075 650@1.06 | 80@1.06 | | | 49,131 | 109 | 52,809.79 | 121,408.26 | 0.97 | 1.3975 | 50101035 |
| 8,226,132 0.900 | | | 15/05 | /2009 | 13/10/2014 | | ILYDA S.A. (CR) | 0.388 | | 0.388 | 19/08/2019 | | | | 83@0.340 | 2900@0.384 | | | | | | 3,191.74 | 0.183 | 0.48 | 10101015 |
| 2,566,836 0.440 | | | 13/08 | /2010 | 09/01/2007 | | INTERWOOD-XYLEMPORIA (PR) | 0.121 | | 0.121 | 19/08/2019 | | | | 998@0.101 | 3000@0.130 | | | | | | 5,208.69 | 0.0725 | 0.136 | 50205010 |
| 34,986,430 0.440 | | | 25/07 | /2008 | 23/02/2010 | | INTERWOOD-XYLEMPORIA (CR) | 0.14 | | 0.14 | 19/08/2019 | 0.14 | 0.14 | 0.14 0.14 | 0.14 5000@0.101 | 3399@0.140 | | | 100 | 1 | 14.00 | 5,208.69 | 0.072 | 0.153 | 50205010 |
| 8,424,900 0.500 | | | 12/07 | /2010 | 04/07/2019 | | INTERTECH SA (CR) | 0.74 | 0.68 # | 0.735 | 19/08/2019 | 0.73 | 0.71 0 | .755 0.74 | 0.728 998@0.715 | 39@0.740 | | 2018 | 11,612 | 42 | 8,450.90 | 6,234.43 | 0.387 | 0.875 | 50205010 |
| 9,742,920 0.400 | | | 12/08 | /2016 | 14/07/2000 | | KARAMOLEGOS SA (CR) | 1.9 | | 1.9 | 19/08/2019 | | | | 50@1.48 | 372@1.90 | | | | | | 18,511.55 | 1.14 | 2.48 | 45102020 |
| 19,804,134 0.300 | | | 01/07 | /2004 | 06/11/2017 | | KEKROPS SA (CR) | 2.85 | 1.79 # | 2.8 | 19/08/2019 | 2.77 | 2.77 | 2.85 2.85 | 2.8 280@2.82 | 160@2.85 | | 2018 | 11,880 | 68 | 33,264.23 | 56,441.78 | 1.24 | 3.9 | 35101010 |
| 40,219,218 0.260 | | | 02/07 | /2018 | 10/06/2019 | | KLOUKINAS - LAPPAS SA (CR) | 0.846 | | 0.846 | 19/08/2019 | 0.86 | 0.834 0 | .868 0.846 | 0.852 1150@0.830 | 308@0.846 | | | 24,441 | 82 | 20,815.44 | 34,025.46 | 0.524 | 1.08 | 50101010 |
| 11,510,102 0.890 | | | 24/06 | /2005 | 06/10/1999 | | NAFPAKTOS TEXTILE IND. SA (CB) | 0.655 | | 0.655 | 19/08/2019 | | | | 80@0.625 | 800@0.660 | | | | | | 7,539.12 | 0.4 | 1 | 55101020 |
| 21,224,340 0.420 | 0.01 | 0.005 | 10/09 | /2018 | 25/04/2006 | | KORDELLOS BROS SA (CR) | 0.565 | 10.78 # | 0.51 | 19/08/2019 | 0.525 | 0.515 | 0.58 0.565 | 0.551 875@0.555 | 465@0.560 | | 2018 | 75,181 | 130 | 41,436.66 | 11,991.75 | 0.29 | 0.69 | 55102010 |
| 33,065,136 0.380 | 0.09 | 0.115 | 23/08 | /2018 | 16/09/2013 | | KRI-KRI S.A. (CR) | 5.38 | 0.75 # | 5.34 | 19/08/2019 | 5.38 | 5.26 | 5.46 5.38 | 5.36 86@5.38 | 200@5.46 | 17.57 | 2018 | 8,793 | 54 | 47,127.48 | 177,890.43 | 4.25 | 5.78 | 45102020 |
| 18,017,472 0.360 | | | 15/06 | /2010 | 28/08/2017 | | KTIMA KOSTAS LAZARIDIS SA (CR) | 1.5 | -1.96 (| 1.53 | 19/08/2019 | 1.45 | 1.43 | 1.5 1.5 | 1.467 100@1.41 | 1750@1.58 | | | 430 | 6 | 631.00 | 27,026.21 | 0.75 | 1.72 | 4510101 |
| 7,595,160 0.600 | | 0.0263 | 04/09 | /2018 | 18/08/2010 | | KIRIAKOULIS SHIPPING SA (CR) | 2.18 | 3.81 # | 2.1 | 19/08/2019 | 2.1 | 2.1 | 2.18 2.18 | 2.119 122@2.12 | 149@2.18 | | | 1,329 | 8 | 2,815.54 | 16,557.45 | 0.81 | 2.58 | 4050101 |
| 5,939,268 0.620 | | | 10/07 | /2003 | 03/01/2002 | | LANAKAM SA (CR) | 1.04 | 5.05 # | 0.99 | 19/08/2019 | 0.98 | 0.98 | 1.04 1.04 | 0.992 10@1.20 | 4500@1.25 | | 2018 | 5,035 | 9 | 4,992.70 | 6,176.84 | 0.294 | 1.15 | 40401020 |
| 17,120,280 0.940 | | | 01/06 | /2010 | 02/08/2019 | | LOULIS MILLS SA (CR) | 3.36 | | 3.36 | 19/08/2019 | 3.36 | 3.36 | 3.36 3.36 | 3.36 400@3.28 | 1240@3.34 | | | 250 | 1 | 840.00 | 57,524.14 | 2.1 | 3.56 | 4510202 |
| 9,819,370 0.690 | | | 14/08 | /2007 | 09/01/2004 | | MATHIOS REFRACTORY SA (CR) | 0.34 | | 0.34 | 19/08/2019 | | | | 2000@0.244 | 1863@0.340 | | | | | | 3,338.59 | 0.172 | 0.52 | 5510100 |
| 29,250,000 0.360 | | | 02/06 | /2009 | 25/04/2019 | | MOTODYNAMICS S.A. (CR) | 1.2 | 5.26 # | 1.14 | 19/08/2019 | 1.19 | 1.18 | 1.2 1.2 | 1.194 6800@1.19 | 67@1.20 | | | 9,587 | 12 | 11,444.99 | 35,100.00 | 0.5225 | 1.46 | 4040103 |
| 32,188,050 1.04 | | | 21/07 | /2008 | 20/01/2000 | | EL. D. MOUZAKIS SA (CB) | 0.44 | -3.08 0 | 0.454 | 19/08/2019 | 0.452 | 0.434 0 | .452 0.44 | 0.445 200@0.436 | 120@0.440 | | | 3,430 | 11 | 1,525.10 | 14,162.74 | 0.296 | 0.585 | 5510102 |
| 8,321,682 0.670 | | | 17/08 | /2007 | 23/11/1999 | | N. LEVENTERIS (CR) | 0.184 | -2.65 (| 0.189 | 19/08/2019 | 0.184 | 0.184 0 | .184 0.184 | 0.184 690@0.150 | 400@0.184 | | 2018 | 1,000 | 2 | 184.00 | 1,928.73 | 0.073 | 0.199 | 5020300 |
| 2,160,524 0.670 | 0.0436 | 0.0436 | 03/12 | /2018 | 23/11/1999 | | N. LEVENTERIS (PR) | 0.184 | | 0.184 | 19/08/2019 | | | | 750@0.191 | 1258@0.238 | | 2018 | | | | 1,928.73 | 0.13 | 0.26 | 5020300 |
| 294,016,812 0.300 | | | 08/07 | /2008 | 21/03/2016 | | NIREFS SA (CR) | 0.197 | -0.50 (| 0.198 | 19/08/2019 | 0.2 | 0.195 0 | .209 0.197 | 0.198 1000@0.192 | 2699@0.197 | | | 73,744 | 81 | 14,629.09 | 57,921.31 | 0.1514 | 0.219 | 4510201 |
| 10,080,000 3.00 | 0.49 | 0.45 | 0.57 02/07 | /2019 | 27/08/2001 | | TPA SA (CR) | 29.5 | 1.72 # | 29 | 19/08/2019 | 29.5 | 29 | 29.5 29.5 | 29.14 20@29.10 | 50@29.60 | 17.34 | 2018 | 68 | 5 | 1,981.50 | 297,360.00 | 23.9 | 31 | 50206060 |
| 4,971,466 1.46 | | | 04/07 | /2007 | 08/10/2003 | | PAIRIS SA (CR) | 0.42 | -10.26 (| 0.468 | 19/08/2019 | 0.496 | 0.42 0 | .496 0.42 | 0.421 | 479@0.468 | | | 1,019 | 4 | 428.74 | 2,088.02 | 0.16 | 0.62 | 5020303 |
| 25,118,410 0.590 | | | 17/08 | /2000 | 25/06/2019 | | PAPOUTSANIS (CR) | 1.64 | 1.86 # | 1.61 | 19/08/2019 | 1.65 | 1.61 | 1.65 1.64 | 1.621 9000@1.62 | 250@1.64 | 37.27 | 2018 | 5,590 | 37 | 9,063.34 | 41,194.19 | 0.95 | 1.85 | 45201020 |
| 17,175,776 0.370 | | | 14/07 | /2005 | 30/09/2003 | | PERSEUS SA (CR) | 1.18 | -1.67 g | 1.2 | 19/08/2019 | 1.15 | 1.15 | 1.18 1.18 | 1.157 4@1.15 | 800@1.19 | 6.93 | 2018 | 638 | 13 | 737.96 | 20,267.42 | 0.912 | 1.335 | 4510201 |
| 7,070,400 0.930 | | | 30/11 | /2016 | 06/05/2016 | | PETROPOULOS PETROS (CR) | 7.5 | 2.04 # | 7.35 | 19/08/2019 | 7.45 | 7.45 | 7.5 7.5 | 7.472 1000@7.00 | | | | 180 | 2 | 1,345.00 | 53,028.00 | 6.46 | 7.55 | 5020601 |
| 22,075,665 0.330 | 0.05 | 0.07 | 0.07 30/05 | /2019 | 27/04/2015 | | PLAISIO COMPUTERS SA (CR) | 4.1 | | 4.1 | 19/08/2019 | 4.16 | 4.05 | 4.16 4.1 | 4.105 20@4.09 | 220@4.10 | | | 3,377 | 34 | 13,863.00 | 90,510.23 | 3.74 | 4.37 | 4040101 |
| 43,741,452 0.660 | | 0.0471 | 0.0444 20/06 | /2019 | 01/11/1999 | | THRACE PLASTICS SA (CR) | 2.12 | -1.39 (| 2.15 | 19/08/2019 | 2.15 | 2.1 | 2.15 2.12 | 2.133 127@2.11 | 150@2.12 | | | 11,549 | 47 | 24,630.65 | 92,731.88 | 1.79 | 2.6 | 5020301 |
| 21,912,599 0.300 | | | 11/04 | /2011 | 23/02/2007 | | REVOIL (CR) | 0.8 | | 0.8 | 19/08/2019 | | | | 1000@0.730 | 200@0.795 | 11.96 | 2018 | | | | 17,530.08 | 0.392 | 0.96 | 6010102 |
| 40,693,350 5.00 | | | 03/07 | /2006 | 26/05/2015 | | TECHNICAL OLYMPIC SA (CR) | 2.16 | -1.82 (| 2.2 | 19/08/2019 | 2.25 | 2.13 | 2.25 2.16 | 2.168 1000@2.15 | 438@2.16 | | | 17,006 | 86 | 36,869.16 | 87,897.64 | 1.38 | 2.88 | 4020201 |
| 1,524,000 0.300 | | | 06/07 | /2007 | 06/02/2013 | | GIRAKIAN PROFIL SA (CB) | 2.7 | -10.00 (| 3 | 19/08/2019 | 2.7 | 2.7 | 2.7 2.7 | 2.7 20@2.44 | 352@2.70 | | 2018 | 1,070 | 3 | 2,889.00 | 4,114.80 | 0.865 | 3.1 | 5510201 |
| 10,203,575 0.730 | | | 16/07 | /2007 | 18/10/1999 | | FIERATEX SA (CR) | 0.27 | -11.77 (| 0.306 | 19/08/2019 | 0.3 | 0.27 0 | .302 0.27 | 0.299 211@0.270 | 2450@0.304 | 27.28 | 2018 | 989 | 4 | 295.53 | 2,754.97 | 0.142 | 0.416 | 5510102 |
| 8,340,750 1.16 | | | 25/06 | /2009 | 17/09/2018 | | HAIDEMENOS SA (CR) | 0.735 | 4.26 # | 0.705 | 19/08/2019 | 0.77 | 0.7 | 0.77 0.7 | 0.737 28@0.700 | 811@0.770 | | 2018 | 47 | 2 | 34.65 | 6,130.45 | 0.44 | 0.99 | 50205030 |
| Main Market - I | Low I | _iquic | lity Class | | | | | | | | | | | | | | | | | | | | | | |
| 14,000,000 4.15 | | ٠ | , | | 29/06/1999 | | ALPHA REAL ESTATE SA(CR) | 7.35 | ¬ | 7.35 | 19/08/2019 | 7.65 | 7.65 | 7.65 7.65 | 7.65 40@7.35 | 30@7.40 | | | 1 | 1 | 7.65 | 102,900.00 | 6.05 | 8.1 | 3510101 |
| 215,805,843 0.300 | | | 20/07 | /2009 | 29/12/2010 | | ATTICA HOLDINGS (CR) | 1.275 | 2.41 # | 1.245 | 19/08/2019 | 1.23 | 1.225 | 1.29 1.29 | 1.246 50@1.24 | 104@1.29 | | | 2,043 | 25 | 2,546.04 | 275,152.45 | 1.15 | 1.475 | 40501015 |
| 4,740,000 0.860 | | | | | 14/03/2003 | | LOGISMOS S.A. (CR) | 0.505 | ¬ | 0.505 | 19/08/2019 | | | | 995@0.500 | 1090@0.545 | 63.46 | 2018 | | | | 2,393.70 | 0.39 | 0.595 | 10101015 |
| | | | | | | | . , | | | | | | | | | | | | | | | | | | |

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

Section 2, 3/5

Daily Official List Year: 140 Trading Day No: 156 Tuesday, 20 August, 2019

| | 9 | | | | | | | | | | | | | | | | | , . | 9 | ., = |
|---|------------------|-------|--------------------|----------------------|--------------------------------|---------------|----------|--------------------------------|---------------|--|-------------------|--------------|----------------|------------|--------|--------------------------|-------------------------------|-------------|--------------|----------|
| Number of Outstanding Securities Nominal Value | Divid- 2016 2 | _ | - | Coupon Right Note | Shares | Closing price | % change | Previous closing price/date | Open price | Price Price Last Av min max price price | | Last Ask [7] | P/E after Y | ear Volume | Trades | Transactions Value[8] | Company Mki Value (thou. € | | Year high | |
| 109,169,707 0.500 | | | 25/04/2014 | 19/07/2019 | TRASTOR REAL EST. INV. CO.(CR) | 0.945 | 2.72 # | 0.92 19/08/2019 | 0.92 | 0.91 0.975 0.975 | 0.95 650@0.925 | 2111@0.975 | 29.99 20 | 018 21,5 | 34 46 | 20,504.72 | 103,165.37 | 0.692 1.11 | 146 | 35102030 |
| 4,968,600 2.88 | | | 01/07/1998 | 14/12/1998 | VIS SA (CR) | 0.92 | | 0.92 19/08/2019 | | | 1000@0.850 | | 20 | 018 | | | 4,571.11 | 0.645 1. | 1.04 | 50203030 |
| 8,418,750 0.300 | 0.3 | 0.28 | 0.32 12/06/2019 2 | 27/06/2012 | GEKE SA (CB) | 5.25 | | 5.25 19/08/2019 | | | 600@4.82 | 50@5.30 | 14.57 20 | 018 | | | 44,198.44 | 4.78 | 5.4 | 40501025 |
| 15,000,000 0.300 | | | 06/07/2007 | 18/07/2000 | DAIOS PLASTICS SA (CR) | 2.9 | ¬ | 2.9 19/08/2019 | | | 750@2.74 | | | | | | 43,500.00 | 2.62 | 2.9 | 50203015 |
| 255,494,534 3.00 | 0.2 | 0.22 | 0.286 20/06/2019 2 | 23/12/2015 | NBG PANGAEA (CR) | 5.15 | ¬ | 5.15 19/08/2019 | | | 1000@5.10 | 465@5.50 | | | | | 1,315,796.85 | 4.4 | 5.9 | 35102000 |
| 23,828,130 0.500 | 0.052 | 0.06 | 0.05 22/07/2019 | 17/02/2009 | ELINOIL S.A. (CR) | 1.81 | 3.43 # | 1.75 19/08/2019 | 1.8 | 1.8 1.83 1.82 | 1.816 200@1.69 | 4799@1.81 | | 1,4 | 50 8 | 2,632.51 | 43,128.92 | 1.22 1 | 1.94 | 60101020 |
| 8,298,467 0.400 | | | 30/08/1993 (| 08/05/2013 | IDEAL GROUP SA (CR) | 0.99 | ¬ | 0.99 19/08/2019 | | | | 500@0.990 | | | | | 8,215.48 | 0.72 1 | 1.22 | 10102030 |
| 14,679,792 1.68 | 0.07 | | 28/06/2017 (| 04/09/2000 | KARATZIS SA (CR) | 7.85 | ¬ | 7.85 19/08/2019 | 7.45 | 7.4 7.85 7.85 | 7.611 189@7.55 | 378@7.85 | | 1 | 18 7 | 898.15 | 115,236.37 | 6 8 | 8.45 | 50203030 |
| 2,760,000 11.83 | 9.2 | 9.2 | 9.5 01/07/2019 | 16/07/1990 | KARELIA TOBACCO CO. SA (CB) | 260 | ¬ | 260 19/08/2019 | | | 4@256.00 | 2@276.00 | | | | | 717,600.00 | 240 2 | 282 | 45103010 |
| 6,700,000 0.800 | 0.028 | 0.028 | 0.043 24/07/2019 2 | 29/05/2014 | MILLS KEPENOS (CR) | 1.67 | ¬ | 1.67 19/08/2019 | | | 100@1.52 | 2000@1.70 | 17.37 20 | 018 | | | 11,189.00 | 1.23 1. | 1.78 | 45102020 |
| 21,364,000 1.12 | | 0.2 | 0.2 29/07/2019 | 10/08/2005 | LAMPSA HOTEL SA (CR) | 19.7 | ¬ | 19.7 19/08/2019 | | | | | | | | | 420,870.80 | 17.4 2 | 20.2 | 40501025 |
| 6,340,000 0.600 | | | 0.05 31/10/2018 3 | 30/11/2018 | NAKAS MUSIC | 1.77 | ¬ | 1.77 19/08/2019 | 1.66 | 1.66 1.68 1.68 | 1.673 168@1.68 | 797@1.94 | 14.92 20 | 017 | 30 2 | 50.20 | 11,221.80 | 1.33 2 | 2.22 | 40401030 |
| 27,379,200 0.300 | (| 0.148 | 0.294 16/08/2019 2 | 24/08/2018 | CRETE PLASTICS SA (CR) | 12 | 1.70 # | 11.8 19/08/2019 | 11.7 | 11.7 12 12 | 11.753 300@11.80 | 100@12.20 | | 1,8 | 76 11 | 22,048.60 | 328,550.40 | 9.85 1. | 12.7 | 50203015 |
| 4,181,450 0.500 | | | 21/08/2000 (| 05/03/2002 | FLOUR MILLS SARANTOPOULOS SA | A 2.04 | 2.00 # | 2 19/08/2019 | 2 | 2 2.2 2.2 | 2.043 3@2.20 | 22@2.20 | | 3 | 52 4 | 739.60 | 8,530.16 | 0.565 | 2.2 | 45102020 |
| 28,438,268 0.300 | | | 21/08/2006 2 | 24/11/1999 | SPIROY AGRICULTURE SA (CR) | 0.222 | 0.91 # | 0.22 19/08/2019 | 0.214 | 0.214 0.224 0.222 | 0.223 4110@0.222 | 773@0.238 | | 2,7' | 90 10 | 621.18 | 6,313.30 | 0.18 0.3 | .348 | 45102010 |
| Exchange Trac | ded Fur | nds | (FTFs) | | | | | | | | | | | | | | | | | |
| 812,382 | | | • | 15/06/2016 | ALPHA ETF FTSE Athex Large Cap | 20.9 | | 20.9 19/08/2019 | 20.9 | 20.9 20.9 20.9 | 20.9 | | | 1 | 19 2 | 3,114.10 | | 15.86 24 | 1.45 | 12003 |
| Surveillance | | | | | | | | | | | | | | | | | | | | |
| 5,867,311 0.300 | | | 11/08/2010 2 | 28/04/2017 5123 | DIONIC (CR) | 0.24 | | 0.24 19/08/2019 | | | 800@0.192 | | | | | | 1,408.15 | 0.175 0 | 0.67 | 50205010 |
| 172,577,414 0.300 | | | | 19/09/2016 5161 | Forthnet (CR) | 0.35 | 7 | 0.35 19/08/2019 | 0.3 | 0.3 0.3 0.3 | 0.3 2040@0.300 | 415@0.348 | | 4 | 16 2 | 124.80 | 60,402.09 | 0.0905 0.3 | 394 | 15102015 |
| 355,437,751 0.360 | | | 07/07/2010 2 | 21/09/2017 5160 | FRIGOGLASS SA (CR) | 0.188 | -1.05 Œ | 0.19 19/08/2019 | 0.19 | 0.182 0.19 0.188 | 0.187 550@0.187 | 30000@0.189 | | 66,1 | 00 33 | 12,392.60 | 66,822.30 | 0.0855 0.2 | 222 | 50204000 |
| 51,081,030 1.00 | | | 20/08/2007 (| 03/09/2007 4912 | LAVIPHARM SA (CR) | 0.25 | ¬ | 0.25 19/08/2019 | 0.25 | 0.236 | 0.25 499@0.236 | 13@0.254 | | 9,0 | 22 10 | 2,255.29 | 12,770.26 | 0.11 0 | 0.38 | 20103015 |
| 4,419,616 1.58 | | | 21/07/2011 (| 04/03/2015 4983 | MEDICON S.A (CR) | 1.96 | ¬ | 1.96 19/08/2019 | 1.96 | 1.96 1.96 1.96 | 1.96 | 410@2.12 | | 8 | 00 3 | 1,568.00 | 8,662.45 | 1.2 | 2.3 | 20102010 |
| 14,967,940 0.500 | | | 21/05/2008 (| 04/01/2008 4956 | PASAL DEVELOPMENT S.A. (CR) | 0.19 | ¬ | 0.19 19/08/2019 | | | 2000@0.152 | 1351@0.210 | | | | | 2,843.91 | 0.07 0.2 | 218 | 35101010 |
| 65,326,268 0.530 | | | 04/07/2007 | 19/07/2006 4750 | SATO SA (CR) | 0.07 | ¬ | 0.07 19/08/2019 | 0.08 | 0.07 0.08 0.07 | 0.076 | 3926@0.070 | | 8 | 30 3 | 66.60 | 4,572.84 | 0.024 0.0 | .084 | 40202015 |
| 13,191,620 0.620 | | | 04/08/2010 (| 09/09/2002 5196 | YALCO - CONSTANTINOU SA (CB) | 0.0595 | ¬ | 0.06 19/08/2019 | | | 2500@0.049 | 6730@0.065 | | | | | 784.90 | 0.0595 0.1 | 178 | 40202020 |
| 33,301,715 0.320 | | | 27/06/2003 (| 08/07/2009 5195 | AEGEK (CR) | 0.06 | ¬ | 0.06 19/08/2019 | | | 2910@0.050 | 510@0.063 | | | | | 1,998.10 | 0.028 0.0 | .075 | 50101010 |
| 13,000,000 1.00 | | | 01/08/2007 (| 07/04/2000 5093 | AKRITAS SA (CR) | 0.6 | | 0.6 19/08/2019 | 0.48 | 0.48 0.68 0.68 | 0.591 120@0.670 | 582@0.680 | | 1 | 30 6 | 106.40 | 7,800.00 | 0.16 0 | 0.68 | 50101035 |
| 185,373,016 0.300 | | | 02/07/2008 2 | 28/02/2011 4957 | ANEK LINES SA (CR) | 0.07 | -6.67 Œ | 0.075 19/08/2019 | 0.081 | 0.07 0.081 0.07 | 0.074 2000@0.068 | 5000@0.071 | | 19,0 | 16 18 | 1,410.10 | 13,295.56 | 0.04 0 |).09 | 40501015 |
| 312,163 0.300 | | | 02/07/2008 2 | 28/02/2011 4959 | ANEK LINES SA (PR, issue '90) | 0.072 | | 0.072 19/08/2019 | | | | | | | | | 13,295.56 | 0.048 0.0 | .086 | 40501015 |
| 2,969,713 0.300 | | | 02/07/2008 2 | 28/02/2011 4958 | ANEK LINES SA (PR, issue '96) | 0.1 | ¬ | 0.1 19/08/2019 | | | 2000@0.080 | 179@0.118 | | | | | 13,295.56 | 0.056 | 0.1 | 40501015 |
| 4,737,503 0.320 | | | 22/06/2005 2 | 22/09/2015 5115 | VARANGIS AVEPE S.A. (CR) | 0.048 | | 0.048 19/08/2019 | | | | | | | | | 227.40 | 0.0385 0.05 | 575 | 40202015 |
| 6,330,002 0.300 | | | 25/06/2002 | 15/03/2019 5162 | VARVARESSOS SA (CB) | 0.44 | ¬ | 0.44 19/08/2019 | | | | 400@0.440 | 20 | 018 | | | 2,785.20 | 0.216 0 | 0.44 | 55101020 |
| 17,579,754 4.16 | | | 18/08/2006 (| 02/08/2010 5156 | BIOTER SA (CR) | 0.0445 | -5.32 Œ | 0.047 19/08/2019 | 0.04 | 0.04 0.047 0.047 | 0.044 17000@0.040 | 19700@0.047 | | 8,0 | 00 4 | 355.00 | 782.30 | 0.028 0.0 | 085 | 50101010 |
| 15,878,748 0.480 | | | 10/07/2006 2 | 22/03/2004 5095 | DOMIKI KRITIS SA (CR) | 0.174 | 7 | 0.174 19/08/2019 | | | | 500@0.168 | | | | | 2,762.90 | 0.05 0.1 | 174 | 50101010 |
| 3,961,300 1.28 | | | 29/06/2004 (| 03/08/2000 5080 | DUROS SA (CR) | 0.19 | ¬ | 0.19 19/08/2019 | 0.152 | 0.152 0.152 0.152 | 0.152 200@0.171 | | 20 | 018 | 20 1 | 3.04 | 752.65 | 0.151 0.2 | 236 | 40204020 |
| 7,085,888 1.59 | | | 02/07/1996 (| 06/09/2010 4690 | ELVIEMEK (CR) | 2.6 | | 2.6 19/08/2019 | | | 200@2.08 | 200@3.12 | | | | | 18,423.31 | 2.6 | 4.7 | 35101010 |
| 51,754,364 0.300 | | | 23/12/2003 2 | 24/01/2007 5197 | SELECTED TEXT. IND. ASSOC (CR) | 0.204 | -4.67 Œ | 0.214 19/08/2019 | 0.218 | 0.204 0.218 0.204 | 0.207 40000@0.200 | 1382@0.204 | | 9,5 | 00 13 | 1,966.00 | 10,557.89 | 0.0875 0 |).22 | 55101020 |
| | | | | | | | | | | | | | | | | | | | | |

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

Section 2, 4/5

Tuesday, 20 August, 2019

| Number of Outstanding Securities Nominal Value | | ends [1] 017 20 | Date of Las 18 Dividend [2] | · Note | Shares | Closing price | % change | Previous closing price/date | Open price | | Price Last Av max price pric | | Last Ask [7] | P/E after | Year | Volume Trad | es Transactions Value[8] | Company N Value (thou | | Yea hig | ar Sector[h 4] |
|---|-----------|--------------------|--------------------------------|------------------|----------------------------------|---------------|----------------|-----------------------------|---------------|-------|---------------------------------|------------------|--------------|--------------|------|-------------|-----------------------------|--------------------------|------------|------------|---------------------|
| 11,125,110 0.300 | | | 02/06/2010 | 06/11/2017 517 | 8 EUROCONSULTANTS S.A. (CR) | 0.214 | ¬ | 0.214 19/08/2019 | | | | 1000@0.172 | 1000@0.218 | | | | | 2,380.7 | 7 0.105 | 0.228 | 50205020 |
| 7,125,216 0.650 | | | 01/07/2005 | 14/12/1999 495 | 5 KRE.KA SA (CR) | 0.034 | ¬ | 0.034 19/08/2019 | | | | 20298@0.041 | | | 2018 | | | 242.2 | 6 0.0275 0 | .0405 | 45102010 |
| 7,734,375 1.00 | | | 09/07/2007 | 7 07/01/2011 511 | 2 LIVANIS SA (CR) | 0.068 | ¬ | 0.068 19/08/2019 | | | | | 3000@0.082 | | | | | 525.9 | 4 0.032 0 | .0815 | 40301030 |
| 15,842,391 1.51 | | | 15/07/2009 | 12/05/2000 514 | 1 BITROS HOLDING SA (CR) | 0.254 | ¬ | 0.254 19/08/2019 | | | | | 600@0.244 | | | | | 4,023.9 | 7 0.084 | 0.278 | 55102010 |
| 119,596,817 0.300 | | | 15/07/2008 | 3 27/04/2017 519 | 0 NIKAS SA (CR) | 0.41 | 7 | 0.41 19/08/2019 | | | | | | | | | | 49,034.6 | 9 0.32 | 0.444 | 45102020 |
| 24,319,250 0.300 | | | 09/07/2002 | 2 04/07/2007 516 | 5 PROODEFTIKH SA (CR) | 0.174 | 4.19 # | 0.167 19/08/2019 | 0.174 | 0.174 | 0.174 0.174 | 0.174 2000@0.152 | 2900@0.174 | | | 1,200 | 4 208 | .80 4,231.5 | 5 0.09 | 0.22 | 50101010 |
| 245,497,164 0.300 | | | 01/07/2008 | 30/07/2012 520 | 7 SELONDA AQUACULTURE SA (CR) | 0.0495 | -1.00 Œ | 0.05 19/08/2019 | 0.051 | 0.049 | 0.051 0.0495 | 0.051 450@0.050 | 24454@0.051 | | | 23,910 | 17 1,213 | .05 12,152.1 | 1 0.031 0 | .0776 | 45102010 |
| 10,186,667 1.35 | | | 24/06/2008 | 3 02/02/2016 488 | 7 SIDMA SA (CR) | 0.54 | ¬ | 0.54 19/08/2019 | | | | 510@0.440 | 400@0.515 | | | | | 5,500.8 | 0 0.204 | 0.595 | 55102010 |
| 23,743,440 0.300 | | | 23/06/2008 | 3 24/07/2018 520 | 0 SFAKIANAKIS SA (CR) | 0.34 | ¬ | 0.34 19/08/2019 | 0.34 | 0.34 | 0.34 0.34 | 0.3430735@0.340 | 1200@0.358 | | | 1,800 | 1 612 | .00 8,072.7 | 7 0.236 | 0.392 | 40401030 |
| 766,000 1.00 | | | 01/07/2004 | 11/12/2012 519 | 3 TRIA ALFA SA (CR) | 2.64 | ¬ | 2.64 19/08/2019 | | | | | 286@2.64 | 80.88 | 2018 | | | 2,536.7 | 4 2.5 | 3.18 | 55101020 |
| 245,000 1.00 | | | 19/07/2010 |) 11/12/2012 519 | 4 TRIA ALFA SA (PR) | 2.1 | ¬ | 2.1 19/08/2019 | | | | | 10525@2.10 | 64.34 | 2018 | | | 2,536.7 | 4 0.535 | 2.1 | 55101020 |
| Suspension St | tatus | | | | | | | | | | | | | | | | | | | | |
| 20,255,805 0.300 | | | 22/08/2006 | 02/08/2010 513 | 6 AXON HOLDING SA (CR) | 0.058 | 7 | 0.058 28/04/2017 | | | | | | | | | | 1,174.8 | 4 0.058 | 0.058 | 20101010 |
| 21,820,410 0.800 | | | 22/05/2008 | 3 02/08/2011 517 | 4 EUROMEDICA SA (CR) | 0.448 | 7 | 0.448 30/04/2018 | | | | | | | | | | 9,775.5 | 4 0.448 | 0.448 | 20101010 |
| 66,948,210 0.300 | | | 22/09/2015 | 22/09/2015 517 | 9 FOLLI FOLLIE (CR) | 4.8 | | 4.8 24/05/2018 | | | | | | | | | | 321,351.4 | 1 4.8 | 4.8 | 40401030 |
| 14,870,100 0.300 | | | 15/05/2008 | 3 26/09/2011 513 | 0 ALPHA GRISSIN S.A. (CR) | 0.014 | ¬ | 0.014 13/04/2017 | | | | | | | | | | 208.1 | 8 0.014 | 0.014 | 10102030 |
| 33,930,000 0.300 | | | 03/07/2006 | 30/05/2001 486 | 5 BABIS VOVOS SA (CR) | 0.304 | ¬ | 0.304 30/03/2012 | | | | | | | | | | 10,314.7 | 2 0.304 | 0.304 | 35101010 |
| 77,126,446 0.340 | | | 23/05/2005 | 5 18/08/2011 520 | 6 G.E. DIMITRIOU (CR) | 0.0125 | ¬ | 0.013 30/04/2019 | | | | | | | | | | 964.0 | 8 0.01 | 0.028 | 40202020 |
| 6,000,000 0.600 | | | 13/06/2008 | 3 08/04/2004 517 | 2 EUROBROKERS S.A. (CR) | 0.008 | ¬ | 0.008 27/04/2018 | | | | | | | | | | 48.0 | 0.008 | 0.008 | 30302015 |
| 7,500,000 0.330 | | | 19/06/2015 | 5 11/07/2018 | S.KANAKIS SA (CR) | 4.36 | ¬ | 4.36 16/08/2019 | | | | 148451@4.36 | | | | | | 32,700.0 | 0 3.8 | 4.42 | 45201010 |
| 24,619,524 0.500 | | | 10/10/1986 | 30/12/2002 491 | 4 KERAMIA-ALLATINI (CR) | 0.088 | ¬ | 0.088 30/08/2012 | | | | | | | | | | 2,166.5 | 2 0.088 | 0.088 | 35101010 |
| 31,543,600 0.420 | | | 19/07/2010 | 19/12/2018 520 | 5 KRETA FARM SA (CR) | 1.085 | 7 | 1.085 30/04/2019 | | | | | | | | | | 34,224.8 | 1 0.6 | 1.22 | 45102020 |
| 25,179,640 0.600 | | | 08/08/1994 | 19/09/2000 519 | 1 J.BOUTARIS & SON HOLD. SA (CB) | 0.026 | ¬ | 0.026 01/10/2018 | | | | | | | | | | 742.4 | 5 0.026 | 0.026 | 45101015 |
| 1,540,000 0.600 | | | 08/08/1994 | 19/09/2000 519 | 2 J.BOUTARIS & SON HOLD. (PB) | 0.057 | ¬ | 0.057 01/10/2018 | | | | | | | | | | 742.4 | 5 0.057 | 0.057 | 45101015 |
| 23,935,280 0.300 | | | 29/06/2009 | 13/06/2000 515 | 3 NAYTEMPORIKI PUBLISHING SA(CR | 0.107 | ¬ | 0.107 02/10/2017 | | | | | | | | | | 2,561.0 | 7 0.107 | 0.107 | 40301030 |
| 255,459,600 0.300 | | | 26/06/2000 | 03/12/2010 510 | 1 NEL SA (CR) | 0.07 | ¬ | 0.07 31/08/2015 | | | | | | | | | | 17,882.1 | 7 0.07 | 0.07 | 40501015 |
| 23,463,874 0.800 | | | 23/05/2003 | 3 21/12/1999 491 | 8 NEORION SA (CR) | 0.125 | ¬ | 0.125 30/08/2012 | | | | | | | | | | 2,932.9 | 8 0.125 | 0.125 | 50206030 |
| 18,750,000 0.300 | | | 02/07/2001 | 31/12/2012 515 | 4 PEGASUS PUBLISHING S.A. (CR) | 0.089 | 7 | 0.089 02/10/2017 | | | | | | | | | | 1,668.7 | 5 0.089 | 0.089 | 40301030 |
| 100,793,572 0.300 | | | 16/07/2009 | 11/02/2016 511 | 0 TELETIPOS SA (CR) | 0.06 | ¬ | 0.06 07/03/2016 | | | | | | | | | | 6,047.6 | 1 0.06 | 0.06 | 40301035 |
| 77,063,568 3.45 | 0.1049 0. | 0527 0. | 1591 11/06/2019 | 26/06/2018 | TITAN CEMENT (CR) | 19.64 | ¬ | 19.64 16/08/2019 | | | | | 45@21.00 | | | | | 1,657,187.3 | 4 16.7 | 20.65 | 50101030 |
| 7,568,960 3.45 | 0.1049 0. | 0527 | 11/06/2019 | 26/06/2018 | TITAN CEMENT CO. (PR) | 18.98 | 7 | 18.98 16/08/2019 | | | | 1000@14.80 | | | | | | 1,657,187.3 | 4 16.7 | 19.9 | 50101030 |
| 4.034.950 0.680 | | | 01/07/2005 | 30/12/2010 517 | 1 CHATZIKRANIOTIS & SONS SA (CR) | 0.14 | 7 | 0.14 27/04/2018 | | | | | | | | | | 564.8 | 9 0.14 | 0.14 | 45102020 |

Daily Official ListYear: 140 Trading Day No: 156Section 2: Shares' NotesTuesday, 20 August, 2019

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.
- 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.
- 4914 Suspension of trading as of 31/8/2012.
- 4918 Suspension of trading as of 31/8/2012.
- 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.
- 4983 Transfer to the Surveillance Category as of 5/4/2013.
- 5080 Transfer to the Surveillance Category as of 06/09/2011.
- 5093 Transfer to the Surveillance Category as of 8/4/2015.
- 5095 Transfer to the Surveillance Category as from 5/4/2013.
- 5101 Suspension of trading as of 1/9/2015.
- 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 10/04/2014
- 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.
- 5161 Transfer to the Surveillance Category as of 25/11/2011.
- 5162 Transfer to the Under Supervision Category as of 21/12/2009.
- 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.
- 5190 Transfer to the Surveillance Category as of 10/04/2012.
- 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 27/06/2008.

Daily Official List
Section 2: Shares' Notes

Tuesday, 20 August, 2019

Shares' Notes

Code Note text

5196 - Transfer to the Under Surveillance Category from 08/04/2011.

5197 - Transfer to the Surveillance Category as of 07/11/2018.

5200 - Transfer to the Surveillance Category as of 10/04/2012.

5205 - Suspension of trading as of 02/05/2019.

Suspension of trading as of 02/05/2019.

Transfer to the Surveillance Category as from 13/05/2019.

5206

5207

| Daily Official List Section 3: Figures of Securities Transactions | | | | Year: 140 Trading D Tuesday, 20 A | , |
|--|--------------|-------|-------------------|--------------------------------------|------|
| Securities Blocks Details | | | | | |
| Securities | Block Volume | Price | Block Trade Value | Time of approval | Note |
| TERNA ENERGY (CR) | 420,000 | 6.90 | 2,898,000.00 | 12:06:03 | 20 |

580,000

1,500

6.90

19.40

4,002,000.00

29,100.00

12:06:04

16:41:22

20

18

Blocks Notes

TERNA ENERGY (CR)

TITAN CEMENT (CB)

9 - Method 6-1 / Special Fees

10 - Method 6-1 / Special Fees, SDS

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

18 - Method 6-2 / SPOT 1

19 - Method 6-2 / SPOT 2

20 - Method 6-1 and Method 6-1 Same Day Settlement

21 - Other Pre-agreed

Daily Official ListYear: 140 Trading Day No: 156Section 3: Figures of Securities TransactionsTuesday, 20 August, 2019

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.

| Daily Official List | | | | Year: 140 Trading [| Day No: 156 |
|---|----------------------|----------------------|---------------------|-----------------------|--------------|
| Section 3: Figures of Securities Transactions | | | | Tuesday, 20 A | August, 2019 |
| Securities Forced Sales | | | | | |
| Securities | Category of Security | Transaction s Volume | Number of Trades | Transactions Value | Note |

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 ListYear: 140 Trading Day No: 156Section 3: Figures of Securities TransactionsTuesday, 20 August, 2019

Forced Sales Registered Shares

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

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: 140 Trading Day No: 156 Section 3: Figures of Securities Transactions Tuesday, 20 August, 2019

| - · · | Transactions Date (T) | Creation / Redemption | Units (T-1) | New Units (T-1) | Redemptio n Units (T- | Units (T) [1] | Fund Assets [2] | Net Unit Price | Dividen d per | Dividend Date |
|--------------------------------|--------------------------|--------------------------|----------------|--------------------|--------------------------|------------------|-----------------|-------------------|------------------|------------------|
| ALPHA ETF FTSE Athex Large Cap | 20/08/2019 | 5,000 | 812,382 | | | 812,382 | 16,993,760.00 | 20.9184 | 0.43 | 30/06/2018 |

ETFs Notes

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

^{[1] -} Units (T) = Units (T-1) + New Units (T-1) - Redemption Units (T-1)

Daily Official List Year: 140 Trading Day No: 156

Section 5: Bonds traded in Fixed Income Assets Market

Tuesday, 20 August, 2019

Convertible Corporate Bonds - Regulated Market

| Num Listed Bonds | Nominal price | Issue price | Today's Rate | Exp. Date | Duration (years) | Note | Co | upon Preffered | Tradin g Corporate Bonds | Price min | Price ma | x Closing price | Previous price/ | Volume | Transactions Value | Last ord Price B | ler Buy / Sell | Date | ear min | Year max |
|---------------------|---------------|----------------|-----------------|------------|---------------------|------|----|-------------------|-------------------------------|-----------|----------|-----------------|--------------------|--------|-----------------------|---------------------|-------------------|------------|------------|-------------|
| 171,268,704 | 0.30 | 0.30 | 1.00 | 11/10/2025 | 9 | | 12 | | 1 FORTHNET S.A. (Convertible) | | | | | | | 20.0000 | В | 20/08/2019 | 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, 20 August, 2019

Non Convertible Corporate Bonds - Regulated Market

| Num Listed Bonds | Nominal price | Issue price | Today's Rate | Exp. Date | Duration (years) | Note | C Common | oupon Preffered | Tradir g | Corporate Bonds | Accrued Yi Int. | eld.T.Mat | Price min | Price max | Closing price | | s closing e/date | Volume | Transactions Value | Last ord | ler Buy / Sell | Date | ear min | Year max |
|---------------------|---------------|----------------|-----------------|------------|---------------------|------|-------------|--------------------|-------------|---|--------------------|-----------|-----------|-----------|---------------|----------|---------------------|---------|-----------------------|----------|-------------------|--------------|------------|-------------|
| 25,000 | 1,000.00 | 1,000.00 | 4.95 | 26/06/2023 | 5 | | 3 | | 1 | B&F COMM. & GARM. INDUS. S.A. (Non Convertible) | 7.8375 | 5.6250 | 96.8000 | 96.8000 | 96.8000 | 96.8000 | 16/08/2019 | 1,000 | 975.84 | 95.7300 | В | 20/08/2019 | 93.0000 | 98.5000 |
| 90,000 | 1,000.00 | 1,000.00 | 3.00 | 11/05/2023 | 5 | | 3 | | 1 | CORAL A.E. (Non Convertible) | 8.4167 | 2.4410 | | | | 101.6060 | 19/08/2019 | | | 102.2000 | В | 20/08/2019 1 | 00.2726 | 104.9499 |
| 120,000 | 1,000.00 | 1,000.00 | 3.95 | 04/04/2025 | 7 | | 3 | | 1 | GEK TERNA S.A. (Non Convertible) | 15.3611 | 2.7810 | 105.0000 | 105.0000 | 105.0000 | 106.0000 | 19/08/2019 | 11,000 | 11,718.97 | 105.0000 | В | 20/08/2019 | 99.0000 | 106.0000 |
| 175,000 | 1,000.00 | 1,000.00 | 3.40 | 26/07/2024 | 5 | | 1 | | 1 | ATTICA HOLDINGS S.A. (Non Convertible) | 2.5500 | 2.9910 | 101.3000 | 101.8000 | 101.7488 | 101.6700 | 19/08/2019 | 921,000 | 936,421.05 | 101.5000 | В | 20/08/2019 1 | 00.8500 | 102.3500 |
| 300,000 | 1,000.00 | 1,000.00 | 3.10 | 27/06/2022 | 5 | | 5 | | 1 | MYTILINEOS HOLDINGS S.A. (Non Convertible) | 4.8222 | 2.2420 | 101.7100 | 101.9900 | 101.9200 | 101.8800 | 19/08/2019 | 4,000 | 4,096.09 | 101.7100 | В | 20/08/2019 1 | 00.5818 | 103.4000 |
| 50,000 | 1,000.00 | 1,000.00 | 4.35 | 20/06/2022 | 5 | | 5 | | 1 | SYSTEMS SUNLIGHT S.A. (Non Convertible) | 7.6125 | 3.2250 | 102.1500 | 102.1500 | 102.1500 | 102.2000 | 19/08/2019 | 4,000 | 4,116.45 | 102.1000 | В | 20/08/2019 | 99.4118 | 104.5000 |
| 200,000 | 1,000.00 | 1,000.00 | 3.50 | 21/03/2022 | 5 | | 5 | | 1 | O.P.A.P. S.A. (Non Convertible) | 14.9722 | 2.5240 | 101.8100 | 101.9400 | 101.8679 | 101.8570 | 19/08/2019 | 53,000 | 54,783.53 | 101.9500 | В | 20/08/2019 1 | 01.6071 | 103.5200 |
| 40,000,000 | 1.00 | 1.00 | 5.00 | 04/10/2021 | 5 | | 12 | | 1 | HOUSEMARKET S.A. (Non Convertible) | 0.0068 | 2.3840 | 104.6501 | 104.6501 | 104.6501 | 104.6100 | 19/08/2019 | 132,020 | 139,057.59 | 105.0000 | В | 20/08/2019 1 | 01.9500 | 106.0000 |
| 200,000 | 1,000.00 | 1,000.00 | 3.60 | 12/03/2026 | 7 | | 1 | | 1 | AEGEAN AIRLINES S.A. (Non Convertible) | 16.3000 | 2.5770 | 105.2000 | 105.8000 | 105.5731 | 105.9100 | 19/08/2019 | 52,000 | 55,745.60 | 105.5000 | В | 20/08/2019 1 | 00.3628 | 107.0000 |

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.

Hellenic Exchanges – Athens Stock Exchange S.A.

Market Operation & Development Division - Statistics & Information Services

Year: 140 Trading Day No: 156

Year: 140 Trading Day No: 156 Section 5: Bonds traded in Fixed Income Assets Market Tuesday, 20 August, 2019

Government Bonds

| 3,000,000 2,500,000 4,355,990,324 5,962,747,327 6,091,218,404 4,805,399,486 4,603,713,186 | 1,000.00 1,000.00 1.00 | 4.38 3.45 | Actual/Actual | | (years) | Note | Date | value | Trading Unit | Government Bonds | min | max | price | price/date | Volume | Value | | Buy / Sell | |
|---|------------------------------|--------------|---------------|------------|---------|------|-------------------|-------|-----------------|--------------------------------|-----|-----|-------|--------------------|--------|-------|---------|------------|------------|
| 4,355,990,324 5,962,747,327 6,091,218,404 4,805,399,486 | | 2.45 | 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 |
| 5,962,747,327 6,091,218,404 4,805,399,486 | 1.00 | 3.43 | Actual/Actual | 02/04/2024 | 5 | | 02/04 | 3.45 | 1 | GGB-FXD-020424-05Y-3.450-1.000 | | | | | | | | | |
| 6,091,218,404 4,805,399,486 | | 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 |
| 4,805,399,486 | 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 |
| | 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 |
| 4,603,713,186 | 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 |
| | 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 | | | 10.0000 | В | 11/07/2019 |
| 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 | | | | | |
| 2,500,000 | 1,000.00 | 3.88 | Actual/Actual | 12/03/2029 | 10 | | 12/03 | 3.88 | 1 | GGB-FXD-120329-10Y-3.875-1.000 | | | | | | | | | |
| 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 | | | | | | | | | |
| 250,250 | 1,000.00 | 2.90 | Actual/Actual | 20/03/2023 | 4 | | 20/03 | 2.90 | 1 | GGB-FXD-200323-04Y-2.900-1.000 | | | | | | | | | |
| 964,000 | 1,000.00 | 3.25 | Actual/Actual | 20/03/2025 | 6 | | 20/03 | 3.25 | 1 | GGB-FXD-200325-06Y-3.250-1.000 | | | | | | | | | |
| 2,100,000 | 1,000.00 | 3.55 | Actual/Actual | 20/03/2026 | 7 | | 20/03 | 3.55 | 1 | GGB-FXD-200326-07Y-3.550-1.000 | | | | | | | | | |
| 2,500,000 | 1,000.00 | 1.88 | Actual/Actual | 23/07/2026 | 7 | | 23/07 | 1.88 | 1 | GGB-FXD-230726-07Y-1.875-1.000 | | | | | | | | | |

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: 140 Trading Day No: 156

Section 5: Bonds traded in Fixed Income Assets Market

Tuesday, 20 August, 2019

Treasury Bills & Zero Coupon Government Bonds

| | | | | 13-W | leek Maturii | ty | | | | | | | 26-W | /eek Maturi | ty | | | | | | | 52-W | leek Maturit | у | | | |
|---------------|--------------|-----------------|---------------------|---------------|----------------|-----------------|--------------|------------------|------|--------------|-----------------|---------------------|---------------|----------------|-----------------|---------------|------------------|------|--------------|-----------------|---------------------|---------------|----------------|-----------------|--------------|------------------|------|
| Issue Date | Exp. Date | Initial Rate | Num Listed Bonds | Nominal price | Issue price | Last T Price | rade Date | Volume Traded | Note | Exp. Date | Initial Rate | Num Listed Bonds | Nominal price | Issue price | Last 1 Price | Trade Date | Volume Traded | Note | Exp. Date | Initial Rate | Num Listed Bonds | Nominal price | Issue price | Last T Price | rade Date | Volume Traded | Note |
| 14/09/2018 | | | | | | | | | | | | | | | | | | | 13/09/2019 | 1.09 | 1,000,000 | 1,000.00 | 989.10 | | | | |
| 14/12/2018 | | | | | | | | | | | | | | | | | | | 13/12/2019 | 1.09 | 1,000,000 | 1,000.00 | 989.10 | | | | |
| 15/03/2019 | | | | | | | | | | | | | | | | | | | 13/03/2020 | 0.95 | 1,000,000 | 1,000.00 | 990.50 | | | | |
| 14/06/2019 | | | | | | | | | | | | | | | | | | | 12/06/2020 | 0.47 | 1,000,000 | 1,000.00 | 995.30 | | | | |

Daily Official List

Year: 140 Trading Day No: 156

Section 5: Government Bonds Traded with the Open Outcry Method

Tuesday, 20 August, 2019

| Bonds in Circulation | Currency / Min nominal traded Value | Coupons Payment Date | Current Coupon Value | Note | Coupon | Trading Unit | Issue Date | Duration (years) | Today's Interest | A.I.C in days Bonds | Last price of previous day: | | Outcry in Ca Buy / Se | . , | Trades in Pieces | Life min | Life 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 05/02/1 | 996 2.2 | 7 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.

(μτφρ-0)

Athex & ATHEXClear Members List

| Member Name | | | | Stock Market | | Derivat | ives Market | ATHE | XClear Member |
|--|------------------|-------------------|--------|--------------|--------|-------------|-------------|----------|---------------|
| Address | Phone | Fax | Market | Remote | Market | Proprietary | Market | General | Direct |
| | | | Member | Member | Maker | -,, | Maker | Clearing | Clearing |
| A. SARRIS SECURITIES S.A. 6. DRAGATSANIOU ATHINA | . 20 21022/7700 | 210 2212224 | а | | | | | | |
| ALPHA BANK A.E. | +30 2103367700 | 210-3312324 | | | | | | а | |
| 40, STADIOU STR ATHINA | (210)-3265546 | (210)-3265811 | | | | | | a | |
| 40, STABIOG STRATINIAN | (210)-3260000 | (210)-3264116 | | | | | | | |
| 103, AVE. ATHINON ATHINA | +30 2103436820 | 210-3436270 | | | | | | | |
| ALPHA FINANCE INVESTMENT SERVICES S.A. | +30 2103430020 | 210-3430270 | а | | а | а | а | | а |
| 5, MERLIN ATHINA | +30 2103677400 | 210-33311193 | | | | | | | |
| ARGUS STOCKBROKERS LTD | | | а | а | | а | | | |
| 25 , DIMOSTHENI SEVERI AVE NICOSIA | +357 22717000 | 0035722717070 | | | | | | | |
| ATLANTIC SECURITIES LIMITED | | | а | а | | | | | |
| 37, PRODROMOU NICOSIA | +357 22445400 | 00357 22661914 | | | | | | | |
| AXON SECURITIES S.A. | | | а | | | а | | | |
| 48, STADIOU ATHINA | +30 2103363800 | 210-3243903 | | | | | | | |
| BETA SECURITIES S.A. | | | a | | а | а | | | а |
| 29 , ALEXANDRAS AVEN. & VRAILA ATHINA | +30 2106478900 | 210-6410139 | | | | | | | |
| BNP PARIBAS SECURITIES SERVICES | | | | | | | | а | |
| 2, LAMPSAKOU ATHINA | +30 2107468500 | 210-7468579-581 | | | | | | | |
| CAPITAL SECURITIES S.A. | | | а | | | а | | | |
| 58, MITROPOLEOS ATHINA | +30 2103369700 | +30 210 3369820 | | | | | | | |
| CFS SECURITIES-INVESTMENT SERVICES S.A. | | | а | | | | | | |
| 3, PAPARRIGOPOULOU ATHINA | +30 2103360800 | +30 210-3360980 | | | | | | | |
| CITIGROUP GLOBAL MARKET LTD | | | а | а | | | | | |
| 1, CITIGROUP CENTER , CANADA SQ., CANARY WHARF LONDON | +44 02079864000 | | | | | | | | |
| CITIGROUP GLOBAL MARKETS EUROPE AG | | | а | а | | | | | |
| 16, REUTERWEG FRANKFURT | | | | | | | | | |
| CREDIT SUISSE SECURITIES (EUROPE) LIMITED | 44 207000000 | | а | а | | | | | |
| 1 , CABOT SQUARE LONDON | +44 2078888888 | | _ | | | _ | | | |
| CYCLOS SECURITIES S.A. 39, PANEPISTIMIOU ATHINA | +30 2103364300 | +30 210-3239122 | а | | | а | | | а |
| DEUTSCHE BANK S.A. | +30 2103304300 | +30 210-3239122 | а | а | | а | | | |
| 1 , GREAT WINCHESTER STREET LONDON | +44 20 754 54209 | 00441133361437 | | • | | | | | |
| DYNAMIC SECURITIES S.A. | 7112070101207 | 33111133331137 | а | | | а | | | а |
| , SYGROU AVENUE 223 & TRALLEON 2 NEA SMYRNI | +30 2103677700 | 210-3677777 | | | | | | | |
| EUROBANK EQUITIES INVESTMENT FIRM S.A | | | а | | а | а | а | | а |
| , FILELLINON 10 & XENOFONTOS 13 ATHINA | +30 2103720000 | 210-3720001 | | | | | | | |
| EUROBANK ERGASIAS S.A. | | | | | | | | а | |
| 8, OTHONOS ATHINA | +30 2103337000 | 210-3245916 | | | | | | | |
| 8, OTHONOS STR. ATHINA | (210)-3337000 | (210)-3233866 | | | | | | | |
| | (210)-3337969 | (210)-3245916 | | | | | | | |
| EUROCORP INVESTMENT SERVICES S.A. | | | а | | | а | | | а |
| 14, FILIKIS ETERIAS SQ, ATHINA | +30 2107263500 | 2107263666 | | | | | | | |
| EUROTRUST INVESTMENT FIRM SA | | | а | | | | | | |
| 113, SEVASTOUPOLEOS ATHINA | +30 2103363100 | +30 210-3238334 | | | | | | | |
| EUROXX SECURITIES S.A. | | | а | | а | а | а | | а |
| 7, PALEOLOGOU CHALANDRI | +30 2106879400 | 210-6879401 | | | | | | | |
| 7, PALAIOLOGOU CHALANDRI | (210)-6879400 | (210)-6879401 | | | | | | | |
| G. A. PERVANAS SECURITIES-INVESTMENT SERVICES CO S.A. | 00.61777 | 040.000 | а | | | | | | |
| 7-9, SOFOKLEOUS ATHINA | +30 2103727200 | 210-3210-291 | | | | | | | |
| GLOBAL CAPITAL SECURITIES AND FINANCIAL SERVICES LTD | , 257 22742740 | 257 2222222 | а | а | | | | | |
| 50, AVE. ARCHIEPISKOPOU MAKARIOU NICOSIA | +357 22710710 | 357 22339332 | | | | | | | |
| HELLENIC BANK (INVESTMENTS) LTD , AVE.KYRIAKOU MATSI 31 - PO BOX 24747 NICOSIA | +357 22500100 | 357 22500110 | | а | | | | | |
| HELLENIC-AMERICAN SECURITIES S.A. | +331 ZZ3UUTUU | 337 ZZ300110 | а | | а | а | | | a |
| 27, ANDREA PAPANDREOU ATHINA | +30 2103311100 | +30 210-3215968 | a | | | a | | | |
| HSBC FRANCE | 755 2.55511100 | . 30 2.10 0210700 | | | | | | а | |
| 109-111, AVE. MESOGION ATHINA | +30 2106960000 | 210-6929336 | | | | | | | |
| INDEX SECURITIES S.A. | | | а | | | | | | |
| 6, DRAGATSANIOU ATHINA | +30 2103213920 | +30 210-3213216 | | | | | | | |
| INVESTMENT 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 | | | | | | | |
| | | | | | | | | | |

Athex & ATHEXClear Members List

| Member Name | | | | Stock Market | | Derivat | ives Market | ATHE | XClear Me |
|---|-----------------|------------------|------------------|------------------|-----------------|-------------|-----------------|---------------------|------------------|
| Address | Phone | Fax | Market Member | Remote Member | Market Maker | Proprietary | Market Maker | General Clearing | Direc Clearir |
| KAPPA SECURITIES S.A. | | | а | | | а | | | |
| 15, VALAORITOU ATHINA | +30 2103678600 | +30 210-3641002 | | | | | | | |
| KARAMANOF SECURITIES AND INVESTMENT SERVICES S.A. | | | а | | | а | | | |
| 2, SQ. AGION THEODORON ATHINA | +30 2103212947 | +30 210-3217088 | | | | | | | |
| LAIKI 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 | | | | | | | |
| MEGA EQUITY SECURITIES & FINANCIAL SERVICES PUBLIC LTD | | | а | а | | а | | | |
| 12-44, AVE. GRIVA DIGENI NICOSIA | +357 22711711 | 357 22711811 | | | | | | | |
| MERIT SECURITIES S.A | | | а | | а | а | | | а |
| 5, SOFOKLEOUS ATHINA | +30 2141008800 | 210-3671830 | | | | | | | |
| MERRILL LYNCH INTERNATIONAL | | | а | а | | | | | |
| 2 , KING EDWARD STREET LONDON | +44 20276281000 | | | | | | | | |
| N. CHRYSSOCHOIDIS STOCK BROKERAGE I.S.S.A. | | | а | | | а | | | а |
| 7-9, SOFOKLEOUS ATHINA | +30 2103213913 | +30 210-3216115 | | | | | | | |
| NATIONAL BANK OF GREECE S.A. | | | а | | а | а | | а | |
| 68, AKADIMIAS STR. ATHINA | (210)-3328817 | (210)-3328678 | | | | | | | |
| 36. AIOLOU STR. ATHINA | (210)-3341000 | (210)-3228187 | | | | | | | |
| | (210)-3341000 | (210)-3220107 | а | | а | а | а | | |
| NATIONAL SECURITIES S.A 56, KIFISIAS AVE , BUILDING A ATHINA | +30 2107720000 | +30 210-7720002 | a | | 64 | a | a | | |
| NUNTIUS BROKERAGE AND INVESTMENT SERVICES S.A | +30 2107720000 | +30 210-7720002 | а | | | | | | |
| 6, DRAGATSANIOU ATHINA | +30 2103350599 | +30210-3254846 | а | | | | | | |
| ONE PLUS CAPITAL LIMITED | +30 2 103330377 | +30210-3234040 | а | а | | | | | |
| 75 PRODROMOU AVENUE, ONEWORLD PARKVIEW HOUSE, 3RD F | 1 000 472222740 | | a | 64 | | | | | |
| | LOORSJM22073700 | | - | | а | | - | | |
| PANTELAKIS SECURITIES S.A. | . 20 210/0/5000 | 210 (020550 | а | | а | а | а | | |
| 57, ETHNIKIS ANTISTASIS B CHALANDRI | +30 2106965000 | 210-6929550 | | | | | | | |
| PEGASUS SECURITIES S.A | . 20 2102/70700 | . 20 210 2/707/0 | а | | | а | | | |
| 17 , VALAORITOU & AMERIKIS ATHINA | +30 2103670700 | +30 210-3670760 | _ | | | _ | | | |
| PIRAEUS BANK S.A. | (040) 0005000 | (040) 0005070 | а | | | а | | а | |
| 4, AMERIKIS STR. ATHINA | (210)-3335000 | (210)-3335079 | | | | | | | |
| 4, AMERIKIS STR ATHINA | (210)-3335918 | (210)-3254207 | | | | | | | |
| 4, AMERIKIS ATHINA | +30 2103335000 | 210-3335079 | | | | | | | |
| PIRAEUS SECURITIES S.A. | | | а | | а | а | а | | а |
| 10, STADIOU ATHINA | +30 2103354100 | 210-3354170 | | | | | | | |
| PROCHOICE SECURITIES LTD | | | а | а | | | | | |
| 57, SPYROY KYPRIANOY NICOSIA | +357-24-661192 | +357-24-662464 | | | | | | | |
| SHARELINK SECURITIES-FINANCIAL SERVICES LTD | | | а | а | | а | | | |
| 6 , 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 | | | | | | | |
| SOLIDUS SECURITIES S.A | | | а | | | а | | | а |
| 64, LOUIZIS RIANCOUR ATHINA | +30 2106900600 | 210-6985421 | | | | | | | |
| ST. EM. LAVRENTAKIS SECURITIES S.A. | | | а | | | а | | | |
| 7-9, SOFOKLEOUS ATHINA | +30 2103213336 | +30 210-3246572 | | | | | | | |
| THE CYPRUS INVESTMENT & SECURITIES CORPORATION LTD | | | а | а | | | | | |
| 154, LIMASSOL AVENUE, STROVOLOS NICOSIA | +357 22121700 | 357 22338800 | | | | | | | |
| UBS LIMITED | | | | а | | | | | |
| 1 , FINSBURY AVENUE LONDON | +44 2075687135 | | | | | | | | |

Daily Official List
Section 6: Additional Infos
Year: 140 Trading Day No: 156
Tuesday, 20 August, 2019

List of Stocks under Market Making operations

| ecurities | Stock Category |
|--|---------------------------|
| Market Maker | Start Market Making |
| KANAKIS SA (CR) | Suspension Status |
| BETA SECURITIES S.A. | 01/10/2013 |
| DMIE (IPTO) HOLDING S.A. (CR) | Main Market |
| PIRAEUS SECURITIES S.A. | 29/06/2017 |
| LPHA BANK (CR) | Main Market |
| ALPHA FINANCE INVESTMENT SERVICES S.A. | 29/02/2016 |
| EUROBANK EQUITIES INVESTMENT FIRM S.A | 24/10/2012 |
| HELLENIC-AMERICAN SECURITIES S.A. LEON DEPOLAS SECURITIES S.A. | 06/02/2019 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 |
| S COMPANY SA (CR) | Main Market |
| EUROBANK EQUITIES INVESTMENT FIRM S.A | 01/04/2019 |
| TTICA BANK S.A. (CR) | Main Market |
| EUROXX SECURITIES S.A. | 22/01/2016 |
| PIRAEUS SECURITIES S.A. | 20/09/2017 |
| TTICA HOLDINGS (CR) | Main Market |
| HELLENIC-AMERICAN SECURITIES S.A. | 28/12/2017 |
| UTOHELLAS SA (CR) | Main Market |
| ALPHA FINANCE INVESTMENT SERVICES S.A. | 01/07/2019 |
| EUROXX SECURITIES S.A. | 02/07/2018 |
| VAX S.A. (CR) | Main Market |
| EUROBANK EQUITIES INVESTMENT FIRM S.A | 14/12/2015 |
| YTE COMPUTER SA (CR) MERIT SECURITIES S.A | Main Market 04/08/2013 |
| C 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 |
| NL 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 |
| ALPHA FINANCE INVESTMENT SERVICES S.A. | 14/03/2019 |
| EUROXX SECURITIES S.A. | 24/09/2018 |
| HELLENIC-AMERICAN SECURITIES S.A. | 14/01/2019 |
| NATIONAL SECURITIES S.A. PIRAEUS SECURITIES S.A. | 25/06/2013 |
| PIRAEUS SECURITIES S.A. LTON SA (CR) | 22/10/2018 Main Market |
| BETA SECURITIES S.A. | 03/09/2013 |
| LEON DEPOLAS SECURITIES S.A. | 01/04/2019 |
| 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 |
| UROPEAN RELIANCE INSUR. (CR) | Main Market |
| EUROBANK EQUITIES INVESTMENT FIRM S.A | 08/07/2019 |
| | |
| PANTELAKIS SECURITIES S.A. | 15/07/2019 |

Daily Official List
Section 6: Additional Infos
Year: 140 Trading Day No: 156
Tuesday, 20 August, 2019

List of Stocks under Market Making operations

| ecurities | Stock Category |
|--|--------------------------|
| Market Maker | Start Market Making |
| 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 |
| BETA SECURITIES S.A. | 14/05/2013 |
| EUROBANK EQUITIES INVESTMENT FIRM S.A | 24/10/2016 |
| ELLENIC EXCHANGES-A.S.E. (CR) | Main Market |
| NATIONAL SECURITIES S.A | 25/06/2013 |
| PIRAEUS SECURITIES S.A. | 04/05/2015 |
| ELLENIC PETROLEUM (CR) | Main Market |
| HELLENIC-AMERICAN SECURITIES S.A. | 14/09/2015 |
| PIRAEUS SECURITIES S.A. | 20/03/2017 |
| TINOS HELLAS SA (CR) | Main Market |
| ALPHA FINANCE INVESTMENT SERVICES S.A. EUROBANK EQUITIES INVESTMENT FIRM S.A | 01/04/2019 25/02/2019 |
| NATIONAL SECURITIES S.A | 24/07/2019 |
| ITERCONTINENTAL (CR) | Z4/07/2019 Main Market |
| LEON DEPOLAS SECURITIES S.A. | 03/06/2019 |
| TRACOM HOLDINGS (CR) | U3/U6/2019 Main Market |
| ALPHA FINANCE INVESTMENT SERVICES S.A. | 03/08/2018 |
| LEON DEPOLAS SECURITIES S.A. | 08/10/2018 |
| ITRALOT (CR) | Main Market |
| EUROBANK EQUITIES INVESTMENT FIRM S.A | 18/12/2017 |
| EUROXX SECURITIES S.A. | 12/06/2017 |
| HELLENIC-AMERICAN SECURITIES S.A. | 30/05/2018 |
| PANTELAKIS SECURITIES S.A. | 07/05/2018 |
| PIRAEUS SECURITIES S.A. | 28/09/2013 |
| JMBO SA (CR) | Main Market |
| MERIT SECURITIES S.A | 06/11/2017 |
| PIRAEUS SECURITIES S.A. | 06/03/2017 |
| LOUKINAS - LAPPAS SA (CR) | Main Market |
| BETA SECURITIES S.A. | 22/09/2014 |
| RI-KRI S.A. (CR) | Main Market |
| EUROBANK EQUITIES INVESTMENT FIRM S.A | 07/05/2018 |
| LEON DEPOLAS SECURITIES S.A. | 16/01/2017 |
| AMDA DEVELOPMENT SA (CR) | Main Market |
| EUROBANK EQUITIES INVESTMENT FIRM S.A | 08/12/2014 |
| PANTELAKIS SECURITIES S.A. | 06/11/2017 |
| PIRAEUS SECURITIES S.A. | 29/06/2017 |
| AMPSA HOTEL SA (CR) | Main Market |
| LEON DEPOLAS SECURITIES S.A. | 16/01/2017 |
| ARFIN INVESTMENT GROUP (CR) | Main Market |
| PIRAEUS SECURITIES S.A. | 02/02/2013 |
| LS MULTIMEDIA SA (CR) | Main Market |
| HELLENIC-AMERICAN SECURITIES S.A. | 07/12/2015 |
| PIRAEUS SECURITIES S.A. | 01/08/2019 |
| OTOR OIL (CR) | Main Market |
| HELLENIC-AMERICAN SECURITIES S.A. | 01/09/2014 |
| LEON DEPOLAS SECURITIES S.A. | 01/04/2019 |
| MERIT SECURITIES S.A | 25/02/2019 |
| NATIONAL SECURITIES S.A | 17/02/2014 |
| PIRAEUS SECURITIES S.A. | 04/05/2015 |
| YTILINEOS HOLDINGS (CR) | Main Market |
| ALPHA FINANCE INVESTMENT SERVICES S.A. | 15/04/2019 |
| EUROBANK EQUITIES INVESTMENT FIRM S.A | 20/09/2017 |
| MERIT SECURITIES S.A | 25/02/2019 |
| NATIONAL SECURITIES S.A | 25/06/2013 |
| PIRAEUS SECURITIES S.A. | 04/05/2015 |
| ATIONAL 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. MEDIT SECURITIES S.A. | 20/04/2015 |
| MERIT SECURITIES S.A | 03/09/2013 |
| NATIONAL SECURITIES S.A | 28/02/2013 |
| PIRAEUS SECURITIES S.A. | 08/09/2013 |

Daily Official ListYear: 140 Trading Day No: 156Section 6: Additional InfosTuesday, 20 August, 2019

List of Stocks under Market Making operations

| Securities | Stock Category |
|--|---------------------|
| Market Maker | Start Market Making |
| PAP (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 | 15/01/2013 |
| PIRAEUS SECURITIES S.A. | 04/05/2015 |
| TE (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. | 01/04/2019 |
| MERIT SECURITIES S.A | 20/03/2017 |
| NATIONAL SECURITIES S.A | 01/12/2012 |
| PIRAEUS SECURITIES S.A. | 08/09/2013 |
| .P.A. S.A. (CR) | Main Market |
| EUROBANK EQUITIES INVESTMENT FIRM S.A | 06/02/2019 |
| APOUTSANIS (CR) | Main Market |
| ALPHA FINANCE INVESTMENT SERVICES S.A. | 19/11/2018 |
| BETA SECURITIES S.A. | 25/11/2013 |
| PETROPOULOS PETROS (CR) | Main Market |
| | |
| EUROBANK EQUITIES INVESTMENT FIRM S.A | 01/04/2019 |
| IRAEUS BANK (CR) | Main Market |
| ALPHA FINANCE INVESTMENT SERVICES S.A. | 15/04/2019 |
| EUROBANK EQUITIES INVESTMENT FIRM S.A | 23/10/2012 |
| EUROXX SECURITIES S.A. | 15/02/2016 |
| HELLENIC-AMERICAN SECURITIES S.A. | 14/01/2019 |
| MERIT SECURITIES S.A | 16/09/2013 |
| NATIONAL SECURITIES S.A | 02/06/2013 |
| PIRAEUS SECURITIES S.A. | 16/02/2013 |
| LAISIO COMPUTERS SA (CR) | Main Market |
| BETA SECURITIES S.A. | 05/05/2014 |
| EUROBANK EQUITIES INVESTMENT FIRM S.A | 02/03/2015 |
| PC (CR) | Main Market |
| | |
| ALPHA FINANCE INVESTMENT SERVICES S.A. | 23/07/2018 |
| ALPHA FINANCE INVESTMENT SERVICES S.A. | 08/01/2013 |
| EUROBANK EQUITIES INVESTMENT FIRM S.A | 23/10/2012 |
| MERIT SECURITIES S.A | 06/11/2017 |
| NATIONAL SECURITIES S.A | 26/03/2013 |
| PIRAEUS SECURITIES S.A. | 28/09/2013 |
| ROFILE SA (CR) | Main Market |
| PANTELAKIS SECURITIES S.A. | 01/07/2019 |
| UALITY & RELIABILITY SA (CR) | Main Market |
| BETA SECURITIES S.A. | 20/08/2014 |
| DETABLEST HOLDINGS (CR) | Main Market |
| BETA SECURITIES S.A. | 26/03/2018 |
| | |
| EUROBANK EQUITIES INVESTMENT FIRM S.A | 28/01/2019 |
| HRACE PLASTICS SA (CR) | Main Market |
| ALPHA FINANCE INVESTMENT SERVICES S.A. | 26/03/2018 |
| EUROBANK EQUITIES INVESTMENT FIRM S.A | 26/03/2018 |
| IOHALCO SA/NV (CB) | Main Market |
| ALPHA FINANCE INVESTMENT SERVICES S.A. | 17/02/2014 |
| EUROBANK EQUITIES INVESTMENT FIRM S.A | 01/01/2017 |
| MERIT SECURITIES S.A | 17/03/2014 |

Daily Official List

Year: 140 Trading Day No: 156

Section 7: Index Futures Tuesday, 20 August, 2019

| | Unde | rlying A | Asset | | | | | | | | | | Derivatives Market | | | | | | |
|-----------|--------|----------|------------|--------|----------------|------------|-----------|-----------|------------|---------------|----------|----------|--------------------|----------|--------|-----|--------|--------|---|
| Price max | Price | min Clos | sing price | change | Delivery Month | Open price | Price max | Price min | Last price | Closing price | Last Bid | Last Ask | Fixing price* | Life hiç | h Life | low | Trades | Volume | Open Interest |
| FTSE/Ath | hex La | arge Ca | ар | | | | | | | | | | | | | | | | (Trade Unit: 1 Index Point x 2€, Cash Settlement) |
| 2,041.71 | 2,016 | .55 2, | ,034.70 | 0.11% | September 2019 | 2,045.00 | 2,045.00 | 2,017.25 | 2,043.50 | 2,043.50 | | | | 2,258 | .00 | | 219 | 1,248 | 15,337 |
| | | | | | October 2019 | 2,032.50 | 2,047.00 | 2,017.50 | 2,045.00 | 2,045.00 | | | | 2,094 | .00 | | 27 | 202 | 328 |
| | | | | | November 2019 | | | | | 2,042.50 | | | | | | | | | |
| | | | | | December 2019 | | | | | 2,046.50 | | | | | | | | | |
| | | | | | March 2020 | | | | | 2,056.75 | | | | | | | | | |
| | | | | | June 2020 | | | | - | 2,067.00 | | | | | | | | _ | |

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

Tuesday, 20 August, 2019

| | | | | | | ntives Market | Deriva | | | | | | | | | Asset | nderlying | ι |
|---|--------|-----|--------|---------|----------------|---------------|----------|----------|-----------|---------------|--------------|------------|---------------|----------------|---------|-------------|--------------|-----------|
| Open Interest | Volume | des | Trades | ife low | Life high Life | Fixing price* | Last Ask | Last Bid | ing price | st price Clos | rice min Las | rice max F | Open price Pr | Delivery Month | change | osing price | Price min Cl | Price max |
| (Contract Size: 100 Securities, Physical De | | | | | | | | | | | | | | | A. (CR) | DING S. | TO) HOLI | DMIE (IF |
| 6,842 | 428 | 53 | 53 | | 2.22 | | | | 2.04 | 2.04 | 2.03 | 2.09 | 2.03 | September 2019 | -0.25% | 2.03 | 2.025 | 2.06 |
| | | | | | | | | | 2.05 | | | | | December 2019 | | | | |
| | | | | | | | | | 2.06 | | | | | March 2020 | | | | |
| | | | | | | | | | 2.07 | | | | | June 2020 | | | | |
| (Contract Size: 100 Securities, Physical De | | | | | | | | | | | | | | | | | ANK (CR) | LPHA B |
| 63,271 | 4,145 | 266 | 266 | | 1.92 | | | | 1.47 | 1.47 | 1.43 | 1.48 | 1.47 | September 2019 | 0.69% | 1.46 | 1.421 | 1.479 |
| | | | | | | | | | 1.46 | | | | | December 2019 | | | | |
| | | | | | | | | | 1.47 | | | | | March 2020 | | | | |
| | | | | | | | | | 1.47 | | | | | June 2020 | | | | |
| (Contract Size: 100 Securities, Physical De | | | | | | | | | | | | | | | | (CR) | ANK S.A. | TTICA B |
| 7,863 | 86 | 11 | 11 | | 0.616 | | | | 0.404 | 0.404 | 0.404 | 0.430 | 0.422 | September 2019 | -1.67% | 0.413 | 0.405 | 0.4245 |
| | | | | | | | | | 0.423 | | | | | December 2019 | | | | |
| | | | | | | | | | 0.425 | | | | | March 2020 | | | | |
| | | | | | | | | | 0.427 | | | | | June 2020 | | | | |
| (Contract Size: 100 Securities, Physical De | | | | | | | | | | | | | | | | | G (CR) | C HBC A |
| 279 | 11 | 9 | 9 | | 33.35 | | | | 29.82 | 29.82 | 29.80 | 29.90 | 29.90 | September 2019 | -0.54% | 29.77 | 29.6 | 29.93 |
| | | | | | 30.39 | | | | 30.13 | | | | | December 2019 | | | | |
| | | | | | | | | | 30.29 | | | | | March 2020 | | | | |
| | | | | | | | | | 30.44 | | | | | June 2020 | | | | |
| (Contract Size: 100 Securities, Physical De | | | | | | | | | | | | | | |) | GS (CB) | HOLDIN | ENERG |
| 9,428 | 52 | 16 | 16 | | 1.63 | | | | 1.39 | 1.39 | 1.39 | 1.42 | 1.41 | September 2019 | -0.72% | 1.376 | 1.37 | 1.394 |
| 1 | | | | | 1.39 | | | | 1.40 | | | | | December 2019 | | | | |
| | | | | | | | | | 1.40 | | | | | March 2020 | | | | |
| | | | | | | | | | 1.41 | | | | | June 2020 | | | | |
| (Contract Size: 100 Securities, Physical De | | | | | | | | | | | | | | | | | R (CR) | LLAKTO |
| 9,304 | 476 | 59 | 59 | | 2.32 | | | | 2.17 | 2.17 | 2.15 | 2.20 | 2.18 | September 2019 | 0.47% | 2.16 | 2.13 | 2.185 |
| | | | | | | | | | 2.16 | | | | | December 2019 | | | | |
| | | | | | | | | | 2.18 | | | | | March 2020 | | | | |
| | | | | | | | | | 2.19 | | | | | June 2020 | | | | |
| (Contract Size: 100 Securities, Physical De | | | | | | | | | | | | | | | R) | SIAS (CI | IK ERGAS | UROBAI |
| 49,307 | 3,198 | 156 | 156 | | 0.911 | | | | 0.685 | 0.685 | 0.683 | 0.705 | 0.704 | September 2019 | -1.94% | 0.681 | 0.678 | 0.7015 |
| | | | | | | | | | 0.699 | | | | | December 2019 | | | | |
| | | | | | | | | | 0.703 | | | | | March 2020 | | | | |
| | | | | | | | | | 0.706 | | | | | June 2020 | | | | |

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

Hellenic Exchanges – Athens Stock Exchange S.A.

Section 7, 1/4

Section 7: Stock Futures

Tuesday, 20 August, 2019

| Underly | ying Asse | et | | | | | | | | Derivat | tives Market | | | | | |
|---------------------|---------------|-------------|----------------|--------------|-----------|--------------|---------------|-----------|----------|----------|---------------|-------------|---------|--------|--------|--|
| Price max Price min | in Closing pr | ice change | Delivery Month | Open price F | Price max | Price min La | st price Clos | ing price | Last Bid | Last Ask | Fixing price* | Life high L | ife low | Trades | Volume | Open Interest |
| EYDAP S.A. (CR | ₹) | | | | | | | | | | | | | | | (Contract Size: 100 Securities, Physical Delive |
| 8.2 7.81 | 8.06 | 0.25% | September 2019 | 8.02 | 8.02 | 8.02 | 8.02 | 8.02 | | | | 8.36 | | 1 | 1 | 364 |
| | | | December 2019 | | | | | 8.09 | | | | | | | | |
| | | | March 2020 | | | | | 8.14 | | | | | | | | |
| | | | June 2020 | | | | | 8.18 | | | | | | | | |
| FOURLIS (CR) | | | | | | | | | | | | | | | | (Contract Size: 102 Securities, Physical Delive |
| 5.37 5.19 | 5.35 | 0.94% | September 2019 | 5.33 | 5.35 | 5.33 | 5.35 | 5.35 | | | | 5.80 | | 15 | 18 | 411 |
| | | | December 2019 | | | | | 5.34 | | | | | | | | <u></u> |
| | | | March 2020 | | | | | 5.36 | | | | | | | | |
| | | | June 2020 | | | | | 5.39 | | | | | | - | | |
| GEK TERNA (CF | R) | | | | | | | | | | | | | | | (Contract Size: 100 Securities, Physical Deliver |
| 6.38 6.16 | 6.29 | 0.48% | September 2019 | 6.28 | 6.36 | 6.27 | 6.28 | 6.28 | | | | 7.01 | | 28 | 117 | 8,568 |
| | | | December 2019 | | | | | 6.30 | | | | 6.74 | | | | |
| | | | March 2020 | | | | | 6.33 | | | | | | | | |
| | | | June 2020 | | | | | 6.37 | | | | | | | | |
| HELLENIC EXC | HANGES- | A.S.E. (CR) | | | | | | | | | | | | | | (Contract Size: 102 Securities, Physical Deliver |
| 4.6 4.515 | 4.54 | -0.44% | September 2019 | 4.53 | 4.53 | 4.52 | 4.52 | 4.52 | | | | 4.89 | 4.26 | 9 | 35 | 2,872 |
| | | | December 2019 | | | | | 4.59 | | | | | | | | 2 |
| | | | March 2020 | | | | | 4.61 | | | | | | | | |
| | | | June 2020 | | | | | 4.64 | | | | | | | | |
| HELLENIC PETF | ROLEUM | (CR) | | | | | | | | | | | | | | (Contract Size: 100 Securities, Physical Deliver |
| 9.4 9.18 | 9.25 | -0.96% | September 2019 | 9.29 | 9.29 | 9.19 | 9.25 | 9.25 | | | | 9.58 | | 6 | 11 | 2,070 |
| | | | December 2019 | | | | | 9.40 | | | | | | | | |
| | | | March 2020 | | | | | 9.45 | | | | | | | | |
| | | | June 2020 | | | | | 9.50 | | | | | | | | |
| NTRACOM HOL | LDINGS (| CR) | | | | | | | | | | | | | | (Contract Size: 100 Securities, Physical Deliver |
| 0.957 0.936 | 0.946 | -0.32% | September 2019 | 0.955 | 0.970 | 0.940 | 0.950 | 0.950 | | | | 1.24 | | 16 | 192 | 4,572 |
| | | | December 2019 | | | | | 0.955 | | | | | | | | |
| | | | March 2020 | | | | | 0.960 | | | | | | | | |
| | | | June 2020 | | | | | 0.965 | | | | | | - | | |
| NTRALOT (CR) |) | | | | | | | | | | | | | | | (Contract Size: 100 Securities, Physical Delive |
| 0.506 0.48 | 0.5 | 0.00% | September 2019 | 0.510 | 0.512 | 0.483 | 0.483 | 0.483 | | | | 0.580 | | 38 | 639 | 5,412 |
| | | | December 2019 | | | | | 0.503 | | | | | | | | |
| | | | March 2020 | | | | | 0.506 | | | | | | | | |
| | | | June 2020 | | | | | 0.508 | | | | | | - | | |
| | | | | | | | | | | | | | | | | |

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

Hellenic Exchanges – Athens Stock Exchange S.A.

Section 7, 2/4

Tuesday, 20 August, 2019

| | | | | | | atives Market | Deriva | | | | | | | | | g Asset | Jnderlyin | |
|--|--------|--------|---------|----------|-----------|---------------|----------|----------|-----------|----------------|--------------|------------|---------------|----------------|----------|---------------|-----------|-----------|
| Open Interest | Volume | Trades | Ti | Life low | Life high | Fixing price* | Last Ask | Last Bid | ing price | st price Closi | rice min Las | rice max P | Open price Pr | Delivery Month | e change | Closing price | Price min | Price max |
| (Contract Size: 100 Securities, Physical Del | | | | | | | | | | | | | | | | | SA (CR) | IUMBO S |
| 793 | 178 | 47 | - | | 18.80 | | | | 16.27 | 16.27 | 15.90 | 16.50 | 15.98 | September 2019 | 2.44% | 16.37 | 15.8 | 16.48 |
| 13 | | | | | 16.75 | | | | 16.09 | | | | | December 2019 | | | | |
| | | | | | | | | | 16.17 | | | | | March 2020 | | | | |
| | | | | | | | | | 16.25 | | | | | June 2020 | | | | |
| (Contract Size: 100 Securities, Physical Del | | | | | | | | | | | | | | | A (CR) | MENT SA | EVELOP | AMDA I |
| 2,311 | 83 | 24 | | | 10.15 | | | | 8.88 | 8.88 | 8.81 | 8.96 | 8.81 | September 2019 | -0.23% | 8.8 | 8.77 | 8.93 |
| | | | | | | | | | 8.88 | | | | | December 2019 | | | | |
| | | | | | | | | | 8.92 | | | | | March 2020 | | | | |
| | | | | | | | | | 8.97 | | | | | June 2020 | | | | |
| (Contract Size: 100 Securities, Physical Del | | | | | | | | | | | | | | | OUP (CR) | ENT GRO | NVESTM | //ARFIN |
| 83,764 | 768 | 30 | | | 0.162 | | | | 0.134 | 0.134 | 0.133 | 0.139 | 0.135 | September 2019 | -1.78% | 0.1324 | 0.132 | 0.1364 |
| | | | | | | | | | 0.136 | | | | | December 2019 | | | | |
| | | | | | | | | | 0.136 | | | | | March 2020 | | | | |
| | | | - | | | | | | 0.137 | | | | | June 2020 | | | | |
| (Contract Size: 100 Securities, Physical Del | | | | | | | | | | | | | | | | | OIL (CR) | //OTOR |
| 449 | 6 | 4 | | | 24.27 | | | | 21.73 | 21.73 | 21.27 | 21.73 | 21.27 | September 2019 | 2.36% | 21.7 | 21 | 21.7 |
| | | | | | | | | | 21.34 | | | | | December 2019 | | | | |
| | | | | | | | | | 21.45 | | | | | March 2020 | | | | |
| - - | | | | | | | | | 21.56 | | | | | June 2020 | | | | |
| (Contract Size: 100 Securities, Physical Del | | | | | | | | | | | | | | | CR) | DINGS (C | OS HOL | /IYTILIN |
| 11,442 | 235 | 63 | | | 11.47 | | | | 10.14 | 10.14 | 10.04 | 10.14 | 10.11 | September 2019 | 0.85% | 10.07 | 9.995 | 10.13 |
| | | | | | | | | | 10.05 | | | | | December 2019 | | | | |
| | | | | | | | | | 10.10 | | | | | March 2020 | | | | |
| | | | - | | | | | | 10.15 | | | | | June 2020 | | | | |
| (Contract Size: 100 Securities, Physical Del | | | | | | | | | | | | | | | | (CR) | L BANK | NATION |
| 52,754 | 6,846 | 391 | | | 2.68 | | | | 2.19 | 2.19 | 2.14 | 2.23 | 2.19 | September 2019 | 0.79% | 2.178 | 2.14 | 2.22 |
| 6 | | | | | 2.17 | | | | 2.18 | | | | | December 2019 | | | | |
| | | | | | | | | | 2.19 | | | | | March 2020 | | | | |
| | | | - | | | | | | 2.20 | | | | | June 2020 | | | | |
| (Contract Size: 100 Securities, Physical Del | | | | | | | | | | | | | | | | | R) | PAP (C |
| 4,323 | 71 | 16 | | | 10.44 | | | | 9.54 | 9.54 | 9.52 | 9.64 | 9.61 | September 2019 | -0.52% | 9.565 | 9.46 | 9.68 |
| | 2 | 1 | | | 9.68 | | | | 9.68 | 9.68 | 9.68 | 9.68 | 9.68 | December 2019 | | | | |
| | | | | | | | | | 9.73 | | | | | March 2020 | | | | |
| | | | | | | | | | 9.78 | | | | | June 2020 | | | | |

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

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

Section 7, 3/4

Section 7: Stock Futures

Tuesday, 20 August, 2019

| | | | | | | vatives Market | Deriva | | | | | | | | | g Asset | nderlyin | l |
|--|--------|--------|-------|-------------------|------|----------------|----------|----------|-----------|---------------|--------------|------------|--------------|----------------|----------|--------------|-------------|-----------|
| Open Interes | Volume | Trades | e low | Life high Life lo | Life | Fixing price* | Last Ask | Last Bid | ing price | st price Clos | Price min La | rice max P | Open price P | Delivery Month | e change | losing price | Price min C | Price max |
| (Contract Size: 100 Securities, Physic | | | | | | | | | | | | | | | | | | TE (CR) |
| 3,47 | 203 | 37 | | 12.90 | | | | | 12.10 | 12.10 | 12.02 | 12.15 | 12.05 | September 2019 | 0.58% | 12.09 | 11.94 | 12.14 |
| 1 | | | | 12.62 | | | | | 12.10 | | | | | December 2019 | | | | |
| | | | | | | | | | 12.16 | | | | | March 2020 | | | | |
| | | | | | | | | | 12.22 | | | | | June 2020 | | | | |
| (Contract Size: 100 Securities, Physic | | | | | | | | | | | | | | | | | . (CR) | P.P.A. S. |
| 70 | 200 | 6 | | 24.90 | | | | | 23.10 | 23.10 | 22.95 | 23.10 | 23.02 | September 2019 | 1.98% | 23.15 | 22.3 | 23.2 |
| 3 | 187 | 1 | | 23.26 | | | | | 23.26 | 23.26 | 23.26 | 23.26 | 23.26 | December 2019 | | | | |
| | | | | | | | | | 22.97 | | | | | March 2020 | | | | |
| | | | | | | | | | 23.08 | | | | | June 2020 | | | | |
| (Contract Size: 100 Securities, Physic | | | | | | | | | | | | | | | | R) | BANK (C | IRAEUS |
| 23,72 | 2,528 | 288 | | 3.33 | | | | | 2.49 | 2.49 | 2.47 | 2.59 | 2.56 | September 2019 | -1.59% | 2.482 | 2.462 | 2.576 |
| - | 60 | 4 | | 2.60 | | | | | 2.55 | 2.55 | 2.54 | 2.60 | 2.60 | December 2019 | | | | |
| | | | | | | | | | 2.55 | | | | | March 2020 | | | | |
| | | | | | | | | | 2.56 | | | | | June 2020 | | | | |
| (Contract Size: 100 Securities, Physic | | | | | | | | | | | | | | | | | | PC (CR) |
| 15,02 | 1,104 | 200 | | 2.94 | | | | | 2.62 | 2.62 | 2.54 | 2.67 | 2.58 | September 2019 | 2.05% | 2.59 | 2.544 | 2.664 |
| | | | | | | | | | 2.56 | | | | | December 2019 | | | | |
| | | | | | | | | | 2.57 | | | | | March 2020 | | | | |
| | | | | | | | | | 2.58 | | | | | June 2020 | | | | |
| (Contract Size: 100 Securities, Physic | | | | | | | | | | | | | | | | CR) | IERGY (| ERNA E |
| 5,53 | 262 | 90 | | 7.50 | | | | | 7.32 | 7.32 | 6.95 | 7.33 | 6.97 | September 2019 | 4.29% | 7.3 | 6.92 | 7.33 |
| | | | | 1.42 | | | | | 7.05 | | | | | December 2019 | | | | |
| | | | | | | | | | 7.08 | | | | | March 2020 | | | | |
| | | | | | | | | | 7.12 | | | | | June 2020 | | | | |
| (Contract Size: 100 Securities, Physic | | | | | | | | | | | | | | | | (CB) | SA/NV | 'IOHALC |
| 6,19 | 137 | 33 | | 4.45 | | | | | 3.90 | 3.90 | 3.87 | 3.98 | 3.90 | September 2019 | 0.26% | 3.925 | 3.86 | 3.98 |
| 6 | 2 | 1 | | 3.98 | | | | | 3.98 | 3.98 | 3.98 | 3.98 | 3.98 | December 2019 | | | | |
| | | | | | | | | | 3.96 | | | | | March 2020 | | | | |
| | | | | | | | | | 3.98 | | | | | June 2020 | | | | |

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

Year: 140 Trading Day No: 156

Tuesday, 20 August, 2019

FTSE/Athex Large Cap

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

| | | | | | | | C | all Optio | ns | | | | | | | | | | | | | | | Put O | ptions | | | | | | |
|-------------------|---------------|--------------|-----------|---------------|--------------|----------|---------------|---------------|--------------|-----------|---------------|---------------|--------|---------------|---------------------|------------------|--------------|-----------|---------------|---------------|--------|---------------|---------------|--------------|-----------|---------------|---------------|--------|---------------|----------------------|-------------------|
| | | | | | ber 2019 | | | | | | Octobe | r 2019 | | | Other Months | | | | Septem | ber 2019 | | | | | | Octobe | | | | Other Months | |
| Excerise Price | Open price | Price max | Price min | Last price | Closing pric | e Volume | Open Interest | Open price | Price max | Price min | Last price | Closing price | Volume | Open Interest | Volume Open Interes | st Open price | Price max | Price min | Last price | Closing price | Volume | Open Interest | Open price | Price max | Price min | Last price | Closing price | Volume | Open Interest | Volume Open Interest | Excerise Price |
| 1,425 | 0.00 | 0.00 | 0.00 | - | 616.00 | - | - | - | - | - | - | - | - | | | 0.00 | 0.00 | 0.00 | - | 0.01 | - | - | - | - | - | - | - | - | - | • | 1,425 |
| 1,450 | 0.00 | 0.00 | 0.00 | - | 591.00 | - | - | - | - | - | - | - | - | - | | 0.00 | 0.00 | 0.00 | - | 0.01 | - | - | - | - | - | - | - | - | - | | 1,450 |
| 1,475 | 0.00 | 0.00 | 0.00 | - | 566.00 | - | - | - | - | - | - | - | - | - | | 0.00 | 0.00 | 0.00 | - | 0.01 | - | - | - | - | - | - | - | - | - | | 1,475 |
| 1,500 | 0.00 | 0.00 | 0.00 | - | 541.00 | - | - | - | - | - | - | - | - | - | | 0.00 | 0.00 | 0.00 | - | 0.01 | - | - | - | - | - | - | - | - | - | | 1,500 |
| 1,525 | 0.00 | 0.00 | 0.00 | - | 516.00 | | - | - | - | - | - | - | - | - | | 0.00 | 0.00 | 0.00 | - | 0.01 | - | - | - | - | - | - | - | - | - | | 1,525 |
| 1,550 | 0.00 | 0.00 | 0.00 | - | 491.00 | - | - | - | - | | - | - | - | - | | 0.00 | 0.00 | 0.00 | - | 0.01 | - | - | - | - | - | - | - | - | - | | 1,550 |
| 1,575 | 0.00 | 0.00 | 0.00 | - | 466.00 | - | - | - | - | - | - | - | - | - | | 0.00 | 0.00 | 0.00 | - | 0.03 | - | - | - | - | - | - | - | - | - | | 1,575 |
| 1,600 | 0.00 | 0.00 | 0.00 | - | 441.00 | | - | - | - | | - | - | - | - | | 0.00 | 0.00 | 0.00 | - | 0.06 | - | - | - | - | - | - | - | | - | | 1,600 |
| 1,625 | 0.00 | 0.00 | 0.00 | - | 417.00 | | - | - | - | - | - | - | - | - | | 0.00 | 0.00 | 0.00 | - | 0.01 | - | - | - | - | - | - | - | - | - | | 1,625 |
| 1,650 | 0.00 | 0.00 | 0.00 | - | 392.00 | - | - | - | - | | - | - | - | - | | 0.00 | 0.00 | 0.00 | - | 0.03 | - | - | - | - | - | - | - | | - | | 1,650 |
| 1,675 | 0.00 | 0.00 | 0.00 | - | 367.00 | | - | - | - | - | - | - | - | - | | 0.00 | 0.00 | 0.00 | - | 0.06 | - | - | - | - | - | - | - | - | - | | 1,675 |
| 1,700 | 0.00 | 0.00 | 0.00 | - | 342.00 | | - | - | - | | - | - | - | - | | 0.00 | 0.00 | 0.00 | - | 0.12 | - | - | - | - | - | - | - | | - | | 1,700 |
| 1,725 | 0.00 | 0.00 | 0.00 | - | 317.00 | | - | | - | | | - | - | - | | 0.00 | 0.00 | 0.00 | - | 0.24 | - | - | - | - | - | - | - | - | - | | 1,725 |
| 1,750 | 0.00 | 0.00 | 0.00 | - | 292.00 | - | | - | - | - | - | - | - | - | | 0.00 | 0.00 | 0.00 | - | 0.47 | - | | - | - | - | - | - | | - | | 1,750 |
| 1,775 | 0.00 | 0.00 | 0.00 | - | 268.00 | - | - | - | - | - | - | - | - | - | | 0.00 | 0.00 | 0.00 | - | 0.86 | - | - | - | - | - | - | - | | - | | 1,775 |
| 1,800 | 0.00 | 0.00 | 0.00 | - | 243.00 | - | | - | - | - | - | - | - | - | | 0.00 | 0.00 | 0.00 | - | 1.50 | - | | - | - | - | - | - | | - | | 1,800 |
| 1,825 | 0.00 | 0.00 | 0.00 | - | 219.00 | | - | 0.00 | 0.00 | 0.00 | - | 226.00 | - | - | | 0.00 | 0.00 | 0.00 | - | 2.50 | - | - | 0.00 | 0.00 | 0.00 | - | 9.60 | - | - | | 1,825 |
| 1,850 | 0.00 | 0.00 | 0.00 | - | 196.00 | | | 0.00 | 0.00 | 0.00 | | 204.00 | - | - | | 0.00 | 0.00 | 0.00 | | 4.10 | - | | 0.00 | 0.00 | 0.00 | | 13.00 | - | - | | 1,850 |
| 1,875 | 0.00 | 0.00 | 0.00 | - | 173.00 | | - | 0.00 | 0.00 | 0.00 | | 184.00 | - | - | | 0.00 | 0.00 | 0.00 | - | 6.30 | - | - | 0.00 | 0.00 | 0.00 | - | 17.25 | - | - | | 1,875 |
| 1,900 | 0.00 | 0.00 | 0.00 | - | 152.00 | | - | 0.00 | 0.00 | 0.00 | - | 164.00 | - | - | | 0.00 | 0.00 | 0.00 | - | 9.50 | - | - | 0.00 | 0.00 | 0.00 | - | 22.50 | | - | | 1,900 |
| 1,925 | 0.00 | 0.00 | 0.00 | - | 131.00 | | 20 | 0.00 | 0.00 | 0.00 | - | 145.00 | - | - | | 0.00 | 0.00 | 0.00 | - | 13.75 | - | 63 | 0.00 | 0.00 | 0.00 | - | 29.00 | - | - | | 1,925 |
| 1,950 | 0.00 | 0.00 | 0.00 | - | 112.00 | | | 0.00 | 0.00 | 0.00 | | 128.00 | - | 40 | | 0.00 | 0.00 | 0.00 | | 19.50 | - | 24 | 0.00 | 0.00 | 0.00 | | 36.50 | - | 20 | | 1,950 |
| 1,975 | 0.00 | 0.00 | 0.00 | - | 94.00 | - | | 0.00 | 0.00 | 0.00 | | 112.00 | - | 20 | | 0.00 | 0.00 | 0.00 | - | 26.75 | - | 81 | 0.00 | 0.00 | 0.00 | - | 45.00 | | 60 | | 1,975 |
| 2,000 | 0.00 | 0.00 | 0.00 | - | 78.00 | | 51 | 91.00 | 91.00 | 91.00 | 91.00 | 91.00 | 20 | 1 | | 39.00 | 0.00 | 39.00 | 39.00 | 39.00 | 5 | 153 | 50.50 | 50.50 | 50.50 | 50.50 | 50.50 | 20 | 20 | | 2,000 |
| 2,050 | 39.75 | 40.75 | 39.75 | 40.75 | 40.75 | 21 | 75 | 62.00 | 69.00 | 62.00 | 69.00 | 69.00 | 80 | - | | 60.00 | 40.75 | 60.00 | 63.00 | 63.00 | 3 | 62 | 82.00 | 82.00 | 79.00 | 79.00 | 79.00 | 40 | 20 | | 2,050 |
| 2,100 | 30.00 | 30.00 | 22.00 | 22.00 | 22.00 | 16 | 135 | 49.50 | 49.50 | 48.75 | 48.75 | 48.75 | 60 | - | | 0.00 | 30.00 | 0.00 | - | 89.00 | - | 31 | 0.00 | 0.00 | 0.00 | - | 108.00 | | - | | 2,100 |
| 2,150 | 12.00 | 18.00 | 12.00 | 18.00 | 18.00 | 2 | 74 | 0.00 | 0.00 | 0.00 | | 34.75 | - | - | | 0.00 | 18.00 | 0.00 | - | 126.00 | - | 20 | 0.00 | 0.00 | 0.00 | - | 142.00 | - | - | | 2,150 |
| 2,200 | 0.00 | 0.00 | 0.00 | - | 9.60 | | 153 | 0.00 | 0.00 | 0.00 | | 23.25 | - | - | | 0.00 | 0.00 | 0.00 | - | 167.00 | - | 135 | 0.00 | 0.00 | 0.00 | | 181.00 | - | - | | 2,200 |
| 2,250 | 0.00 | 0.00 | 0.00 | - | 4.80 | - | 44 | 0.00 | 0.00 | 0.00 | | 15.00 | - | | | 0.00 | 0.00 | 0.00 | - | 212.00 | - | 141 | 0.00 | 0.00 | 0.00 | | 222.00 | - | - | | 2,250 |
| 2,300 | 0.00 | 0.00 | 0.00 | - | 2.20 | - | 44 | 0.00 | 0.00 | 0.00 | - | 9.30 | - | | | 0.00 | 0.00 | 0.00 | - | 260.00 | - | 40 | 0.00 | 0.00 | 0.00 | | 266.00 | | - | | 2,300 |
| 2,350 | 0.00 | 0.00 | 0.00 | - | 0.98 | - | 80 | 0.00 | 0.00 | 0.00 | | 5.60 | | | | 0.00 | 0.00 | 0.00 | - | 308.00 | - | - | 0.00 | 0.00 | 0.00 | | 313.00 | | - | | 2,350 |
| 2,400 | 0.00 | 0.00 | 0.00 | - | 0.40 | - | | 0.00 | 0.00 | 0.00 | - | 3.30 | - | | | 0.00 | 0.00 | 0.00 | - | 358.00 | - | | 0.00 | 0.00 | 0.00 | | 360.00 | - | - | | 2,400 |
| 2,450 | 0.00 | 0.00 | 0.00 | | 0.15 | | - | 0.00 | 0.00 | 0.00 | | 1.90 | | | | 0.00 | 0.00 | 0.00 | | 407.00 | | - | 0.00 | 0.00 | 0.00 | - | 409.00 | | - | | 2,450 |
| 2,500 | 0.00 | 0.00 | 0.00 | - | 0.06 | - | - | - | - | - | - | - | - | | | 0.00 | 0.00 | 0.00 | - | 457.00 | - | - | - | - | - | - | - | - | - | | 2,500 |
| | Totals: | | | | | 39 | 676 | | | | | | 160 | 61 | 0 0 | | | | | | 8 | 750 | | | | | | 60 | 120 | 0 0 | - |

Number of Trades:

ALPHA BANK (CR)

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

| | | | | | | | C | all Optio | ns | | | | | | | | | | | | | | Put Option | ns | | | | | |
|---------|---------------|--------------|-----------|---------------|---------------|--------|---------------|---------------|--------------|-------|----------------------------|-------------|---------------|----------------------|---------------|--------------|-----------|---------------|---------------|----------|---------------|---------------|--------------------|-------------------|------------------|--------|---------------|----------------------|-------------------|
| | | | | Septem | ber 2019 | | | | | (| October 2019 | | | Other Months | | | : | Septem | ber 2019 | | | | | | tober 2019 | | | Other Months | |
| xcerise | Open price | Price max | Price min | Last price | Closing price | Volume | Open Interest | Open price | Price max | | Last Closing pri- price | e Volume | Open Interest | Volume Open Interest | Open price | Price max | Price min | Last price | Closing price | Volume (| Open Interest | Open price | Price Price max | e min Las pric | ct Closing price | Volume | Open Interest | Volume Open Interest | Excerise Price |
| 0.600 | 0.000 | 0.000 | 0.000 | | 0.851 | - | - | | | | | - | - | | 0.000 | 0.000 | 0.000 | | 0.001 | - | - | | | | | - | - | | 0.006 |
| 0.650 | 0.000 | 0.000 | 0.000 | | 0.801 | - | - | | | | | - | | | 0.000 | 0.000 | 0.000 | | 0.001 | - | - | | | | | - | - | | 0.007 |
| 0.700 | 0.000 | 0.000 | 0.000 | | 0.751 | - | - | | | | | - | | | 0.000 | 0.000 | 0.000 | | 0.001 | - | - | | | | | - | - | | 0.00 |
| 0.750 | 0.000 | 0.000 | 0.000 | | 0.701 | - | - | | | | | - | | | 0.000 | 0.000 | 0.000 | | 0.002 | - | - | | | | | - | - | | 0.008 |
| 0.800 | 0.000 | 0.000 | 0.000 | | 0.651 | - | - | | | | | - | | | 0.000 | 0.000 | 0.000 | | 0.003 | - | - | | | | | - | - | | 0.008 |
| 0.850 | 0.000 | 0.000 | 0.000 | | 0.602 | - | - | | | | | - | - | | 0.000 | 0.000 | 0.000 | | 0.001 | - | - | | | | | - | - | | 0.009 |
| 0.900 | 0.000 | 0.000 | 0.000 | | 0.552 | - | - | 0.000 | 0.000 | 0.000 | 0.554 | - | - | | 0.000 | 0.000 | 0.000 | | 0.002 | - | - | 0.000 | 0.000 0. | 000 | 0.001 | - | - | | 0.009 |
| 0.950 | 0.000 | 0.000 | 0.000 | | 0.502 | - | - | 0.000 | 0.000 | 0.000 | 0.505 | - | - | | 0.000 | 0.000 | 0.000 | | 0.001 | - | - | 0.000 | 0.000 0. | 000 | 0.002 | - | - | | 0.010 |
| 1.000 | 0.000 | 0.000 | 0.000 | | 0.452 | - | - | 0.000 | 0.000 | 0.000 | 0.457 | - | - | | 0.000 | 0.000 | 0.000 | | 0.001 | - | - | 0.000 | 0.000 0. | 000 | 0.003 | - | - | | 0.010 |
| 1.100 | 0.000 | 0.000 | 0.000 | | 0.354 | - | - | 0.000 | 0.000 | 0.000 | 0.364 | - | - | | 0.000 | 0.000 | 0.000 | | 0.002 | - | - | 0.000 | 0.000 0. | 000 | 0.011 | - | - | | 0.01 |
| 1.200 | 0.000 | 0.000 | 0.000 | | 0.261 | - | | 0.000 | 0.000 | 0.000 | 0.280 | - | | | 0.000 | 0.000 | 0.000 | | 0.009 | - | - | 0.000 | 0.000 0. | 000 | 0.026 | - | | | 0.012 |
| 1.300 | 0.000 | 0.000 | 0.000 | | 0.179 | - | - | 0.000 | 0.000 | 0.000 | 0.207 | - | - | | 0.000 | 0.000 | 0.000 | | 0.026 | - | - | 0.000 | 0.000 0. | 000 | 0.053 | - | - | | 0.013 |
| 1.400 | 0.000 | 0.000 | 0.000 | | 0.112 | - | | 0.000 | 0.000 | 0.000 | 0.147 | - | | | 0.000 | 0.000 | 0.000 | | 0.060 | - | - | 0.000 | 0.000 0. | 000 | 0.093 | - | | | 0.014 |
| 1.500 | 0.000 | 0.000 | 0.000 | | 0.065 | - | - | 0.000 | 0.000 | 0.000 | 0.101 | - | 10 | | 0.000 | 0.000 | 0.000 | | 0.112 | - | - | 0.000 | 0.000 0. | 000 | 0.146 | - | - | | 0.01 |
| 1.600 | 0.000 | 0.000 | 0.000 | | 0.034 | - | 5 | 0.000 | 0.000 | 0.000 | 0.067 | - | - | | 0.000 | 0.000 | 0.000 | | 0.182 | | - | 0.000 | 0.000 0. | 000 | 0.212 | - | - | | 0.016 |
| 1.700 | 0.000 | 0.000 | 0.000 | | 0.017 | - | 56 | 0.000 | 0.000 | 0.000 | 0.043 | - | - | | 0.000 | 0.000 | 0.000 | | 0.264 | - | - | 0.000 | 0.000 0. | 000 | 0.288 | - | - | | 0.01 |
| 1.800 | 0.000 | 0.000 | 0.000 | | 0.007 | - | 80 | 0.000 | 0.000 | 0.000 | 0.027 | - | | | 0.000 | 0.000 | 0.000 | | 0.355 | - | - | 0.000 | 0.000 0. | 000 | 0.372 | - | | | 0.018 |
| 1.900 | 0.000 | 0.000 | 0.000 | | 0.003 | - | - | 0.000 | 0.000 | 0.000 | 0.016 | - | - | | 0.000 | 0.000 | 0.000 | | 0.452 | - | - | 0.000 | 0.000 0. | 000 | 0.462 | - | - | | 0.019 |
| 2.000 | 0.000 | 0.000 | 0.000 | | 0.001 | - | | 0.000 | 0.000 | 0.000 | 0.010 | - | - | | 0.000 | 0.000 | 0.000 | | 0.550 | | - | 0.000 | 0.000 0. | 000 | 0.556 | - | - | | 0.020 |
| 2.200 | 0.000 | 0.000 | 0.000 | | 0.001 | - | - | 0.000 | 0.000 | 0.000 | 0.003 | - | - | | 0.000 | 0.000 | 0.000 | | 0.750 | - | - | 0.000 | 0.000 0. | 000 | 0.751 | - | - | | 0.022 |
| 2.400 | 0.000 | 0.000 | 0.000 | | 0.002 | - | | 0.000 | 0.000 | 0.000 | 0.001 | - | | | 0.000 | 0.000 | 0.000 | | 0.950 | | - | 0.000 | 0.000 0. | 000 | 0.950 | | - | | 0.024 |
| 2.600 | 0.000 | 0.000 | 0.000 | | 0.001 | - | - | 0.000 | 0.000 | 0.000 | 0.001 | - | - | | 0.000 | 0.000 | 0.000 | | 1.15 | - | - | 0.000 | 0.000 0. | 000 | 1.15 | - | - | | 0.026 |
| | Totals: | | | | | 0 | 141 | | | | | 0 | 10 | 0 0 | | | | | | 0 | 0 | | | | | 0 | 0 | 0 0 | |
| | Number o | of Trades: | | | | | 0 | | | | | | 0 | 0 | | | | | | | 0.00 | | | | | | 0 | 0 | |

(Contract Size: 100 Securities, Excercise Style: American, Physical Delivery) NATIONAL BANK (CR) Call Options Put Options

| | | | | | | | | Call Opti | ons | | | | | | | | | | | | | | Put Options | | | | | | |
|-------------------|---------------|--------------|----------|------------------|-----------|--------|------------|-------------------|-------|-----------|---------------|-------------------|----------------------|----------------------|---------------|--------------|-----------|---------------|---------------|--------|---------------|---------------|------------------------|---------------|-----------------|---------|--------------|---------------------|-------------------|
| | | | | Septer | mber 2019 | | | | | | Octobe | er 2019 | | Other Months | | | | Septem | ber 2019 | | | | | Octob | er 2019 | | | Other Months | |
| Excerise Price | Open price | Price max | Price mi | in Last price | | Volume | Open Inter | est Open price | | Price min | Last price | Closing price Vol | Open Interest ume | Volume Open Interest | Open price | Price max | Price min | Last price | Closing price | Volume | Open Interest | Open price | Price Price min max | Last price | Closing price V | olume O | pen Interest | Volume Open Interes | Excerise Price |
| 0.650 | 0.000 | 0.000 | 0.000 | | 1.51 | - | - | | | | | | | | 0.000 | 0.000 | 0.000 | | 0.001 | - | - | | | | | - | | | 0.007 |
| 0.700 | 0.000 | 0.000 | 0.000 | | 1.46 | - | - | | | | | | | | 0.000 | 0.000 | 0.000 | | 0.001 | - | - | | | | | | | | 0.007 |
| 0.750 | 0.000 | 0.000 | 0.000 | | 1.41 | - | - | | | | | | | | 0.000 | 0.000 | 0.000 | | 0.001 | - | | | | | | - | - | | 0.008 |
| 0.800 | 0.000 | 0.000 | 0.000 | | 1.36 | - | - | | | | | | | | 0.000 | 0.000 | 0.000 | | 0.002 | - | - | | | | | | | | 0.008 |
| 0.850 | 0.000 | 0.000 | 0.000 | | 1.31 | - | - | | | | | | | | 0.000 | 0.000 | 0.000 | | 0.001 | - | - | | | | | - | | | 0.009 |
| 0.900 | 0.000 | 0.000 | 0.000 | | 1.26 | - | - | | | | | | | | 0.000 | 0.000 | 0.000 | | 0.001 | - | - | | | | | - | | | 0.009 |
| 0.950 | 0.000 | 0.000 | 0.000 | | 1.21 | - | - | | | | | | | | 0.000 | 0.000 | 0.000 | | 0.001 | - | - | | | | | - | - | | 0.010 |
| 1.000 | 0.000 | 0.000 | 0.000 | | 1.16 | - | - | | | | | | | | 0.000 | 0.000 | 0.000 | | 0.001 | - | - | | | | | - | | | 0.010 |
| 1.100 | 0.000 | 0.000 | 0.000 | | 1.06 | - | - | | | | | | | | 0.000 | 0.000 | 0.000 | | 0.001 | - | - | | | | | - | - | | 0.011 |
| 1.200 | 0.000 | 0.000 | 0.000 | | 0.962 | - | - | | | | | | | | 0.000 | 0.000 | 0.000 | | 0.001 | - | - | | | | | - | | | 0.012 |
| 1.300 | 0.000 | 0.000 | 0.000 | | 0.863 | - | - | | | | | | | | 0.000 | 0.000 | 0.000 | | 0.001 | - | - | | | | | - | • | | 0.013 |
| 1.400 | 0.000 | 0.000 | 0.000 | | 0.763 | - | - | 0.000 | 0.000 | 0.000 | | 0.766 | | | 0.000 | 0.000 | 0.000 | | 0.001 | - | - | 0.000 | 0.000 0.000 | | 0.002 | - | | | 0.014 |
| 1.500 | 0.000 | 0.000 | 0.000 | | 0.665 | - | - | 0.000 | 0.000 | 0.000 | | 0.670 | | | 0.000 | 0.000 | 0.000 | | 0.003 | - | - | 0.000 | 0.000 0.000 | | 0.005 | - | • | | 0.015 |
| 1.600 | 0.000 | 0.000 | 0.000 | | 0.570 | - | - | 0.000 | 0.000 | 0.000 | | 0.576 | | | 0.000 | 0.000 | 0.000 | | 0.007 | - | - | 0.000 | 0.000 0.000 | | 0.011 | - | | | 0.016 |
| 1.700 | 0.000 | 0.000 | 0.000 | | 0.479 | - | - | 0.000 | 0.000 | 0.000 | | 0.487 | | | 0.000 | 0.000 | 0.000 | | 0.016 | - | - | 0.000 | 0.000 0.000 | | 0.021 | - | | | 0.017 |
| 1.800 | 0.000 | 0.000 | 0.000 | | 0.394 | - | 3 | 0.000 | 0.000 | 0.000 | | 0.404 | | | 0.000 | 0.000 | 0.000 | | 0.031 | - | - | 0.000 | 0.000 0.000 | | 0.038 | - | | | 0.018 |
| 1.900 | 0.000 | 0.000 | 0.000 | | 0.317 | - | - | 0.000 | 0.000 | 0.000 | | 0.329 | - 1 | | 0.000 | 0.000 | 0.000 | | 0.054 | - | - | 0.000 | 0.000 0.000 | | 0.063 | - | - | | 0.019 |
| 2.000 | 0.000 | 0.000 | 0.000 | | 0.249 | - | 20 | 0.000 | 0.000 | 0.000 | | 0.264 | - 5 | | 0.000 | 0.000 | 0.000 | | 0.086 | - | 154 | 0.000 | 0.000 0.000 | | 0.097 | - | | | 0.020 |
| 2.200 | 0.000 | 0.000 | 0.000 | | 0.144 | - | 9 | 0.000 | 0.000 | 0.000 | | 0.159 | | | 0.000 | 0.000 | 0.000 | | 0.180 | - | - | 0.000 | 0.000 0.000 | | 0.193 | - | | | 0.022 |
| 2.400 | 0.000 | 0.000 | 0.000 | | 0.075 | - | 15 | 0.000 | 0.000 | 0.000 | | 0.089 | - 70 | | 0.000 | 0.000 | 0.000 | | 0.311 | - | - | 0.000 | 0.000 0.000 | | 0.323 | - | | | 0.024 |
| 2.600 | 0.000 | 0.000 | 0.000 | | 0.037 | - | 100 | 0.000 | 0.000 | 0.000 | | 0.048 | | | 0.000 | 0.000 | 0.000 | | 0.474 | - | - | 0.000 | 0.000 0.000 | | 0.481 | - | - | | 0.026 |
| 2.800 | 0.000 | 0.000 | 0.000 | | 0.016 | - | - | 0.000 | 0.000 | 0.000 | | 0.024 | | | 0.000 | 0.000 | 0.000 | | 0.653 | - | - | 0.000 | 0.000 0.000 | | 0.658 | - | - | | 0.028 |
| 3.000 | 0.000 | 0.000 | 0.000 | | 0.007 | - | - | 0.000 | 0.000 | 0.000 | | 0.011 | | | 0.000 | 0.000 | 0.000 | | 0.844 | - | - | 0.000 | 0.000 0.000 | | 0.846 | - | | | 0.030 |
| 3.200 | 0.000 | 0.000 | 0.000 | | 0.003 | - | - | 0.000 | 0.000 | 0.000 | | 0.005 | | | 0.000 | 0.000 | 0.000 | | 1.04 | - | - | 0.000 | 0.000 0.000 | | 1.04 | - | | | 0.032 |
| 3.400 | 0.000 | 0.000 | 0.000 | | 0.001 | - | - | 0.000 | 0.000 | 0.000 | | 0.002 | | | 0.000 | 0.000 | 0.000 | | 1.24 | - | - | 0.000 | 0.000 0.000 | | 1.24 | - | • | | 0.034 |
| 3.600 | 0.000 | 0.000 | 0.000 | | 0.002 | - | | 0.000 | 0.000 | 0.000 | | 0.001 | | | 0.000 | 0.000 | 0.000 | | 1.44 | - | - | 0.000 | 0.000 0.000 | | 1.44 | - | - | | 0.036 |
| | Totals: | | | | | 0 | 147 | | | | | - | 0 76 | 0 0 | | | | | | 0 | 154 | | | | | 0 | 0 | 0 0 | _ |
| | Number o | of Trades | | | | | 0 | | | | | | 0 | 0 | | | | | | | 0.00 | | | | | | 0 | 0 | _ |

Year: 140 Trading Day No: 156

Tuesday, 20 August, 2019

OPAP (CR)

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

| OI AI (| , | | | | | | | Call Optio | ons | | | | | | | | | | | | | | | Put (| Options | | | | | | |
|-------------------|---------------|--------------|-----------|---------------|---------------|--------|---------------|---------------|--------------|-----------|---------------|-----------------|---------|--------------|----------------------|---------------|--------------|-----------|---------------|---------------|--------|---------------|---------------|--------------|-----------|---------------|---------------|--------|---------------|-------------------|-----------------------|
| | | | | Septem | ber 2019 | | | | | | Octobe | er 2019 | | | Other Months | | | | Septem | ber 2019 | | | | | | Octobe | er 2019 | | | Other Months | |
| Excerise Price | Open price | Price max | Price min | Last price | Closing price | Volume | Open Interest | Open price | Price max | Price min | Last price | Closing price V | olume O | pen Interest | Volume Open Interest | Open price | Price max | Price min | Last price | Closing price | Volume | Open Interest | Open price | Price max | Price min | Last price | Closing price | Volume | Open Interest | Volume Open Inter | est Excerise Price |
| 5.600 | 0.000 | 0.000 | 0.000 | | 4.03 | - | - | | | | | | - | | | 0.000 | 0.000 | 0.000 | | 0.001 | - | - | | | | | | - | - | | 0.056 |
| 6.000 | 0.000 | 0.000 | 0.000 | | 3.63 | - | | | | | | | - | | | 0.000 | 0.000 | 0.000 | | 0.001 | - | | | | | | | - | | | 0.060 |
| 6.400 | 0.000 | 0.000 | 0.000 | | 3.23 | - | | | | | | | - | | | 0.000 | 0.000 | 0.000 | | 0.004 | - | | | | | | | - | | | 0.064 |
| 6.800 | 0.000 | 0.000 | 0.000 | | 2.83 | - | | | | | | | - | | | 0.000 | 0.000 | 0.000 | | 0.001 | - | | | | | | | - | | | 0.068 |
| 7.200 | 0.000 | 0.000 | 0.000 | | 2.43 | - | | 0.000 | 0.000 | 0.000 | | 2.44 | - | | | 0.000 | 0.000 | 0.000 | | 0.001 | - | | 0.000 | 0.000 | 0.000 | | 0.001 | - | | | 0.072 |
| 7.600 | 0.000 | 0.000 | 0.000 | | 2.03 | - | | 0.000 | 0.000 | 0.000 | | 2.05 | - | | | 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 | | 1.63 | - | | 0.000 | 0.000 | 0.000 | | 1.65 | - | | | 0.000 | 0.000 | 0.000 | | 0.001 | - | | 0.000 | 0.000 | 0.000 | | 0.007 | - | | | 0.080 |
| 8.400 | 0.000 | 0.000 | 0.000 | | 1.24 | - | | 0.000 | 0.000 | 0.000 | | 1.27 | | - | | 0.000 | 0.000 | 0.000 | | 0.005 | - | | 0.000 | 0.000 | 0.000 | | 0.025 | - | - | | 0.084 |
| 8.800 | 0.000 | 0.000 | 0.000 | | 0.862 | - | - | 0.000 | 0.000 | 0.000 | | 0.924 | - | | | 0.000 | 0.000 | 0.000 | | 0.026 | - | - | 0.000 | 0.000 | 0.000 | | 0.075 | - | - | | 0.088 |
| 9.200 | 0.000 | 0.000 | 0.000 | | 0.530 | - | - | 0.000 | 0.000 | 0.000 | | 0.623 | - | | | 0.000 | 0.000 | 0.000 | | 0.094 | - | - | 0.000 | 0.000 | 0.000 | | 0.174 | - | - | | 0.092 |
| 9.600 | 0.240 | 0.240 | 0.240 | 0.240 | 0.240 | 1 | | 0.000 | 0.000 | 0.000 | | 0.386 | - | | | 0.000 | 0.000 | 0.000 | | 0.242 | - | | 0.000 | 0.000 | 0.000 | | 0.336 | - | | | 0.096 |
| 10.000 | 0.000 | 0.000 | 0.000 | | 0.121 | - | | 0.000 | 0.000 | 0.000 | | 0.221 | - | | | 0.000 | 0.000 | 0.000 | | 0.486 | - | | 0.000 | 0.000 | 0.000 | | 0.572 | - | | | 0.100 |
| 11.000 | 0.000 | 0.000 | 0.000 | | 0.006 | - | | 0.000 | 0.000 | 0.000 | | 0.035 | - | | | 0.000 | 0.000 | 0.000 | | 1.38 | - | | 0.000 | 0.000 | 0.000 | | 1.40 | - | | | 0.110 |
| 12.000 | 0.000 | 0.000 | 0.000 | | 0.001 | - | | 0.000 | 0.000 | 0.000 | | 0.003 | | - | | 0.000 | 0.000 | 0.000 | | 2.38 | - | | 0.000 | 0.000 | 0.000 | | 2.38 | - | - | | 0.120 |
| 13.000 | 0.000 | 0.000 | 0.000 | | 0.001 | - | - | 0.000 | 0.000 | 0.000 | | 0.001 | - | | | 0.000 | 0.000 | 0.000 | | 3.38 | - | - | 0.000 | 0.000 | 0.000 | | 3.38 | - | - | | 0.130 |
| 14.000 | 0.000 | 0.000 | 0.000 | | 0.002 | - | - | 0.000 | 0.000 | 0.000 | | 0.001 | | - | | 0.000 | 0.000 | 0.000 | | 4.38 | - | | 0.000 | 0.000 | 0.000 | | 4.38 | - | - | | 0.140 |
| 15.000 | 0.000 | 0.000 | 0.000 | | 0.012 | - | - | 0.000 | 0.000 | 0.000 | | 0.001 | - | - | | 0.000 | 0.000 | 0.000 | | 5.38 | - | - | 0.000 | 0.000 | 0.000 | | 5.38 | - | - | | 0.150 |
| | Totals: | | | | | 1 | 0 | | | | | | 0 | 0 | 0 0 | | | | | | 1 | 0 | | | | | | 0 | 0 | 0 0 | _ |
| | Number o | of Trades: | | | | | 1 | | | | | | | 0 | 0 | | | | | | | 0.00 | | | | | | | 0 | 0 | |

OTE (CR)

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

| | | | | | | | | Call Option | ons | | | | | | | | | | | | | | | | Put C | Options | | | | | | |
|-------------------|---------------|--------------|-----------|---------------|---------------|--------|--------------|---------------|--------------|-----------|---------------|---------------|--------|---------------|--------|---------------|---------------|--------------|-----------|---------------|---------------|--------|---------------|---------------|--------------|-----------|---------------|---------------|--------|---------------|-------------|----------------------------|
| | | | | Septemb | ber 2019 | | | | | | Octobe | er 2019 | | | Other | Months | - | | | Septem | ber 2019 | | | | | | Octobe | r 2019 | | | Other Mo | iths |
| Excerise Price | Open price | Price max | Price min | Last price | Closing price | Volume | Open Interes | open price | Price max | Price min | Last price | Closing price | Volume | Open Interest | Volume | Open Interest | Open price | Price max | Price min | Last price | Closing price | Volume | Open Interest | Open price | Price max | Price min | Last price | Closing price | Volume | Open Interest | Volume Open | Interest Excerise Price |
| 7.600 | 0.000 | 0.000 | 0.000 | | 4.43 | - | - | | | | | | - | - | | | 0.000 | 0.000 | 0.000 | | 0.001 | - | - | | | | | | - | - | | 0.076 |
| 8.000 | 0.000 | 0.000 | 0.000 | | 4.03 | - | - | | | | | | - | - | | | 0.000 | 0.000 | 0.000 | | 0.001 | - | - | | | | | | | - | | 0.080 |
| 8.400 | 0.000 | 0.000 | 0.000 | | 3.63 | - | | | | | | | - | | | | 0.000 | 0.000 | 0.000 | | 0.001 | | - | | | | | | - | | | 0.084 |
| 8.800 | 0.000 | 0.000 | 0.000 | | 3.24 | - | - | 0.000 | 0.000 | 0.000 | | 3.25 | - | - | | | 0.000 | 0.000 | 0.000 | | 0.004 | - | - | 0.000 | 0.000 | 0.000 | | 0.001 | | - | | 0.088 |
| 9.200 | 0.000 | 0.000 | 0.000 | | 2.84 | - | | 0.000 | 0.000 | 0.000 | | 2.85 | - | | | | 0.000 | 0.000 | 0.000 | | 0.001 | | - | 0.000 | 0.000 | 0.000 | | 0.001 | - | | | 0.092 |
| 9.600 | 0.000 | 0.000 | 0.000 | | 2.44 | - | - | 0.000 | 0.000 | 0.000 | | 2.45 | - | - | | | 0.000 | 0.000 | 0.000 | | 0.001 | - | - | 0.000 | 0.000 | 0.000 | | 0.002 | - | - | | 0.096 |
| 10.000 | 0.000 | 0.000 | 0.000 | | 2.04 | - | | 0.000 | 0.000 | 0.000 | | 2.06 | - | | | | 0.000 | 0.000 | 0.000 | | 0.001 | | - | 0.000 | 0.000 | 0.000 | | 0.006 | - | | | 0.100 |
| 11.000 | 0.000 | 0.000 | 0.000 | | 1.07 | - | - | 0.000 | 0.000 | 0.000 | | 1.14 | - | - | | | 0.000 | 0.000 | 0.000 | | 0.029 | - | - | 0.000 | 0.000 | 0.000 | | 0.082 | | - | | 0.110 |
| 12.000 | 0.000 | 0.000 | 0.000 | | 0.335 | - | | 0.000 | 0.000 | 0.000 | | 0.458 | - | | | | 0.000 | 0.000 | 0.000 | | 0.295 | | - | 0.000 | 0.000 | 0.000 | | 0.401 | - | | | 0.120 |
| 13.000 | 0.000 | 0.000 | 0.000 | | 0.049 | - | - | 0.000 | 0.000 | 0.000 | | 0.125 | - | - | | | 0.000 | 0.000 | 0.000 | | 1.01 | | | 0.000 | 0.000 | 0.000 | | 1.07 | | - | | 0.130 |
| 14.000 | 0.000 | 0.000 | 0.000 | | 0.003 | - | - | 0.000 | 0.000 | 0.000 | | 0.022 | - | | | | 0.000 | 0.000 | 0.000 | | 1.98 | - | - | 0.000 | 0.000 | 0.000 | | 1.98 | - | - | | 0.140 |
| 15.000 | 0.000 | 0.000 | 0.000 | | 0.001 | - | - | 0.000 | 0.000 | 0.000 | | 0.003 | - | - | | | 0.000 | 0.000 | 0.000 | | 2.98 | - | - | 0.000 | 0.000 | 0.000 | | 2.98 | | - | | 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 | | 3.98 | | - | 0.000 | 0.000 | 0.000 | | 3.98 | - | | | 0.160 |
| 17.000 | 0.000 | 0.000 | 0.000 | | 0.001 | - | - | 0.000 | 0.000 | 0.000 | | 0.001 | - | - | | | 0.000 | 0.000 | 0.000 | | 4.98 | | | 0.000 | 0.000 | 0.000 | | 4.98 | | - | | 0.170 |
| 18.000 | 0.000 | 0.000 | 0.000 | | 0.001 | | - | | | | | | - | | | | 0.000 | 0.000 | 0.000 | | 5.98 | | | | | | | | | | | 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 | |

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

PIRAEUS BANK (CR)

Call Options

Put Options

| | | | | | | | | Jan Optio | IIS | | | | | | | | | | | | | | | | Put O | DUOIIS | | | | | | |
|-------------------|---------------|--------------|-----------|-------------------|---------------|--------|---------------|---------------|--------------|-----------|---------------|-----------------|----------|---------------|-----------|--------------|---------------|--------------|-----------|-----------------|---------------|--------|---------------|---------------|--------------|-----------|---------------|---------------|--------|---------------|--------------------|----------------------|
| | | | | Septembe | | | | | | | Octobe | | | | Other Mo | | | | | Septemb | | | | | | | Octobe | | | | Other Months | |
| Excerise Price | Open price | Price max | Price min | n Last (price | Closing price | Volume | Open Interest | Open price | Price max | Price min | Last price | Closing price V | /olume C | Open Interest | Volume Op | oen Interest | Open price | Price max | Price min | Last (price | Closing price | Volume | Open Interest | Open price | Price max | Price min | Last price | Closing price | Volume | Open Interest | Volume Open Intere | st Excerise Price |
| 0.300 | 0.000 | 0.000 | 0.000 | | 2.22 | - | - | | | | | | - | - | | | 0.000 | 0.000 | 0.000 | | 0.001 | - | - | | | | | | - | - | | 0.003 |
| 0.350 | 0.000 | 0.000 | 0.000 | | 2.17 | - | - | | | | | | - | - | | | 0.000 | 0.000 | 0.000 | | 0.001 | - | - | | | | | | - | - | | 0.004 |
| 0.400 | 0.000 | 0.000 | 0.000 | | 2.12 | - | - | | | | | | - | - | | | 0.000 | 0.000 | 0.000 | | 0.001 | - | - | | | | | | - | - | | 0.004 |
| 0.450 | 0.000 | 0.000 | 0.000 | | 2.07 | - | - | | | | | | - | - | | | 0.000 | 0.000 | 0.000 | | 0.001 | - | - | | | | | | - | - | | 0.005 |
| 0.500 | 0.000 | 0.000 | 0.000 | | 2.02 | - | - | | | | | | - | - | | | 0.000 | 0.000 | 0.000 | | 0.001 | - | - | | | | | | - | - | | 0.005 |
| 0.550 | 0.000 | 0.000 | 0.000 | | 1.97 | - | - | | | | | | - | - | | | 0.000 | 0.000 | 0.000 | | 0.001 | - | - | | | | | | - | - | | 0.006 |
| 0.600 | 0.000 | 0.000 | 0.000 | | 1.92 | - | - | | | | | | - | - | | | 0.000 | 0.000 | 0.000 | | 0.001 | - | - | | | | | | - | - | | 0.006 |
| 0.650 | 0.000 | 0.000 | 0.000 | | 1.87 | - | - | | | | | | - | - | | | 0.000 | 0.000 | 0.000 | | 0.001 | - | - | | | | | | - | - | | 0.007 |
| 0.700 | 0.000 | 0.000 | 0.000 | | 1.82 | - | - | | | | | | - | - | | | 0.000 | 0.000 | 0.000 | | 0.001 | - | - | | | | | | - | - | | 0.007 |
| 0.750 | 0.000 | 0.000 | 0.000 | | 1.77 | - | - | | | | | | - | - | | | 0.000 | 0.000 | 0.000 | | 0.001 | - | - | | | | | | - | - | | 0.008 |
| 0.800 | 0.000 | 0.000 | 0.000 | | 1.72 | - | - | | | | | | - | - | | | 0.000 | 0.000 | 0.000 | | 0.002 | - | - | | | | | | - | - | | 0.008 |
| 0.850 | 0.000 | 0.000 | 0.000 | | 1.67 | - | - | | | | | | - | - | | | 0.000 | 0.000 | 0.000 | | 0.003 | - | - | | | | | | - | - | | 0.009 |
| 0.900 | 0.000 | 0.000 | 0.000 | | 1.62 | - | - | | | | | | - | - | | | 0.000 | 0.000 | 0.000 | | 0.001 | - | - | | | | | | - | - | | 0.009 |
| 0.950 | 0.000 | 0.000 | 0.000 | | 1.57 | - | - | | | | | | - | - | | | 0.000 | 0.000 | 0.000 | | 0.001 | - | - | | | | | | - | - | | 0.010 |
| 1.000 | 0.000 | 0.000 | 0.000 | | 1.52 | - | - | | | | | | - | - | | | 0.000 | 0.000 | 0.000 | | 0.001 | - | - | | | | | | - | - | | 0.010 |
| 1.100 | 0.000 | 0.000 | 0.000 | | 1.42 | - | - | | | | | | - | - | | | 0.000 | 0.000 | 0.000 | | 0.001 | - | - | | | | | | - | - | | 0.011 |
| 1.200 | 0.000 | 0.000 | 0.000 | | 1.32 | - | - | | | | | | - | - | | | 0.000 | 0.000 | 0.000 | | 0.002 | - | - | | | | | | - | - | | 0.012 |
| 1.300 | 0.000 | 0.000 | 0.000 | | 1.22 | - | - | | | | | | - | - | | | 0.000 | 0.000 | 0.000 | | 0.001 | - | - | | | | | | - | - | | 0.013 |
| 1.400 | 0.000 | 0.000 | 0.000 | | 1.12 | - | - | | | | | | - | - | | | 0.000 | 0.000 | 0.000 | | 0.001 | - | - | | | | | | - | - | | 0.014 |
| 1.500 | 0.000 | 0.000 | 0.000 | | 1.02 | - | - | | | | | | - | - | | | 0.000 | 0.000 | 0.000 | | 0.001 | - | - | | | | | | - | - | | 0.015 |
| 1.600 | 0.000 | 0.000 | 0.000 | | 0.924 | - | - | | | | | | - | - | | | 0.000 | 0.000 | 0.000 | | 0.001 | - | - | | | | | | - | - | | 0.016 |
| 1.700 | 0.000 | 0.000 | 0.000 | | 0.825 | - | - | 0.000 | 0.000 | 0.000 | | 0.842 | - | - | | | 0.000 | 0.000 | 0.000 | | 0.002 | - | - | 0.000 | 0.000 | 0.000 | | 0.016 | - | - | | 0.017 |
| 1.800 | 0.000 | 0.000 | 0.000 | | 0.728 | - | - | 0.000 | 0.000 | 0.000 | | 0.753 | - | - | | | 0.000 | 0.000 | 0.000 | | 0.005 | - | - | 0.000 | 0.000 | 0.000 | | 0.027 | - | - | | 0.018 |
| 1.900 | 0.000 | 0.000 | 0.000 | | 0.634 | - | - | 0.000 | 0.000 | 0.000 | | 0.668 | - | - | | | 0.000 | 0.000 | 0.000 | | 0.010 | - | - | 0.000 | 0.000 | 0.000 | | 0.042 | - | - | | 0.019 |
| 2.000 | 0.000 | 0.000 | 0.000 | | 0.544 | - | - | 0.000 | 0.000 | 0.000 | | 0.587 | - | - | | | 0.000 | 0.000 | 0.000 | | 0.020 | - | - | 0.000 | 0.000 | 0.000 | | 0.061 | - | - | | 0.020 |
| 2.200 | 0.000 | 0.000 | 0.000 | | 0.381 | - | 1 | 0.000 | 0.000 | 0.000 | | 0.446 | - | - | | | 0.000 | 0.000 | 0.000 | | 0.057 | - | - | 0.000 | 0.000 | 0.000 | | 0.119 | - | - | | 0.022 |
| 2.400 | 0.000 | 0.000 | 0.000 | | 0.248 | - | 2 | 0.000 | 0.000 | 0.000 | | 0.329 | - | - | | | 0.000 | 0.000 | 0.000 | | 0.124 | - | - | 0.000 | 0.000 | 0.000 | | 0.202 | - | - | | 0.024 |
| 2.600 | 0.000 | 0.000 | 0.000 | | 0.152 | - | - | 0.000 | 0.000 | 0.000 | | 0.237 | - | 19 | | | 0.000 | 0.000 | 0.000 | | 0.228 | - | - | 0.000 | 0.000 | 0.000 | | 0.309 | - | - | | 0.026 |
| 2.800 | 0.000 | 0.000 | 0.000 | | 0.086 | - | - | 0.000 | 0.000 | 0.000 | | 0.166 | - | - | | | 0.000 | 0.000 | 0.000 | | 0.362 | - | - | 0.000 | 0.000 | 0.000 | | 0.438 | - | - | | 0.028 |
| 3.000 | 0.000 | 0.000 | 0.000 | | 0.047 | - | 114 | 0.000 | 0.000 | 0.000 | | 0.114 | - | - | | | 0.000 | 0.000 | 0.000 | | 0.523 | - | 50 | 0.000 | 0.000 | 0.000 | | 0.586 | - | - | | 0.030 |
| 3.200 | 0.000 | 0.000 | 0.000 | | 0.024 | - | - | 0.000 | 0.000 | 0.000 | | 0.077 | - | - | | | 0.000 | 0.000 | 0.000 | | 0.700 | - | - | 0.000 | 0.000 | 0.000 | | 0.749 | - | - | | 0.032 |
| 3.400 | 0.000 | 0.000 | 0.000 | | 0.012 | - | | 0.000 | 0.000 | 0.000 | | 0.050 | - | | | | 0.000 | 0.000 | 0.000 | | 0.888 | - | - | 0.000 | 0.000 | 0.000 | | 0.922 | - | - | | 0.034 |
| 3.600 | 0.000 | 0.000 | 0.000 | | 0.005 | - | - | 0.000 | 0.000 | 0.000 | | 0.034 | - | | | | 0.000 | 0.000 | 0.000 | | 1.08 | | | 0.000 | 0.000 | 0.000 | | 1.11 | | - | | 0.036 |
| 3.800 | 0.000 | 0.000 | 0.000 | | 0.002 | - | - | 0.000 | 0.000 | 0.000 | | 0.022 | | | | | 0.000 | 0.000 | 0.000 | | 1.28 | | - | 0.000 | 0.000 | 0.000 | | 1.29 | | - | | 0.038 |
| 4.000 | 0.000 | 0.000 | 0.000 | | 0.001 | - | - | 0.000 | 0.000 | 0.000 | | 0.014 | - | | | | 0.000 | 0.000 | 0.000 | | 1.48 | - | - | 0.000 | 0.000 | 0.000 | | 1.49 | - | - | | 0.040 |
| 4.400 | 0.000 | 0.000 | 0.000 | | 0.001 | - | - | | | | | | - | - | | | 0.000 | 0.000 | 0.000 | | 1.88 | - | | | | | | | - | | | 0.044 |

Daily Official List Year: 140 Trading Day No: 156

Section 7: Stock Options

Tuesday, 20 August, 2019

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

| | | | | | | | | | | C | all Optio | ns | | | | | | | | | | | | | | | | | | | | Put Op | otions | | | | | | | | | |
|-------------------|-------|-----------|--------------|---------|--------------|-------|-----------|--------------|------|---------------|---------------|--------------|---------|------------------|--------|-----------|--------|-------------|------|------|---------------|---------------|--------------|---------|-----------------|--------|-------------|-------------|----------|---------|-------------|--------------|-----------|---------------|---------|-----------|-------|--------------|------------|--------|------------|-------------------|
| | | | | | Sep | tembe | er 2019 | | | | | | | Octo | ber 20 | 19 | | | 0 | ther | Months | | | | Sep | otembe | er 2019 | | | | | | | Octob | ber 201 | 19 | | | Ot | her Mo | onths | |
| Excerise Price | Ope | en F | Price max | Price n | nin La pr | ist (| Closing p | orice Vol | lume | Open Interest | Open price | Price max | Price m | in Last price | Clos | ing price | Volume | Open Intere | Volu | ime | Open Interest | Open price | Price max | Price m | nin Las prio | ist C | Closing pri | ce Volur | Open Int | erest O | pen rice | Price max | Price min | Last price | Closii | ing price | olume | Open Interes | t Volum | Орег | n Interest | Excerise Price |
| | Total | s: | | | | | | (| 0 | 117 | | | | | | | 0 | 19 | 0 | | 0 | | | | | | | 0 | 50 | | | | | | | | 0 | 0 | 0 | | 0 | |
| | Numb | ber of Ti | rades: | | | | | | | 0 | | | | | | | | 0 | | | 0 | | | | | | | | 0.00 | | | | | | | | | 0 | | 0 | | |

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

PPC (CR)

| | | | | | | | | С | all Option | ns | | | | | | | | | | | | | | | Put Opti | ons | | | | | | |
|-------------------|---------------|--------------|------|-------------------|-----------|---------|-----------|-------------|---------------|--------------|-----------|---------------|---------------|--------|---------------|-------------|---------------------|--------------|-----------|---------------|---------------|--------|---------------|---------------|-----------------|----------|---------------|---------------|--------|---------------|----------------------|-------------------|
| | | | | Septe | mber 2019 | | | | | | | Octobe | | | | Other Mon | iths | | | Septem | nber 2019 | | | | | | October | | | | Other Months | |
| Excerise Price | Open price | Price max | | nin Last price | | e Volum | Ope ne | en Interest | Open price | Price max | Price min | Last price | Closing price | Volume | Open Interest | Volume Open | Interest Open price | Price max | Price min | Last price | Closing price | Volume | Open Interest | Open price | Price Pr max | rice min | Last price | Closing price | Volume | Open Interest | Volume Open Interest | Excerise Price |
| 0.850 | 0.000 | 0.000 | 0.00 | 0 | 1.69 | - | | - | | | | | | - | - | | 0.000 | 0.000 | 0.000 | | 0.001 | - | - | | | | | | - | - | | 0.009 |
| 0.900 | 0.000 | 0.000 | 0.00 | 0 | 1.64 | - | | - | | | | | | - | | | 0.000 | 0.000 | 0.000 | | 0.001 | - | - | | | | | | - | - | | 0.009 |
| 0.950 | 0.000 | 0.000 | 0.00 | 0 | 1.59 | - | | - | | | | | | - | - | | 0.000 | 0.000 | 0.000 | | 0.001 | - | - | | | | | | - | - | | 0.010 |
| 1.000 | 0.000 | 0.000 | 0.00 | 0 | 1.54 | - | | - | | | | | | - | - | | 0.000 | 0.000 | 0.000 | | 0.001 | - | - | | | | | | - | - | | 0.010 |
| 1.100 | 0.000 | 0.000 | 0.00 | 0 | 1.44 | - | | - | | | | | | - | - | | 0.000 | 0.000 | 0.000 | | 0.001 | - | - | | | | | | - | - | | 0.011 |
| 1.200 | 0.000 | 0.000 | 0.00 | 0 | 1.34 | - | | - | | | | | | - | - | | 0.000 | 0.000 | 0.000 | | 0.001 | - | - | | | | | | - | - | | 0.012 |
| 1.300 | 0.000 | 0.000 | 0.00 | 0 | 1.24 | - | | - | | | | | | - | - | | 0.000 | 0.000 | 0.000 | | 0.001 | - | - | | | | | | - | - | | 0.013 |
| 1.400 | 0.000 | 0.000 | 0.00 | 0 | 1.14 | - | | - | | | | | | - | | | 0.000 | 0.000 | 0.000 | | 0.001 | - | - | | | | | | - | - | | 0.014 |
| 1.500 | 0.000 | 0.000 | 0.00 | 0 | 1.04 | - | | - | | | | | | - | - | | 0.000 | 0.000 | 0.000 | | 0.001 | - | - | | | | | | - | - | | 0.015 |
| 1.600 | 0.000 | 0.000 | 0.00 | 0 | 0.944 | - | | - | 0.000 | 0.000 | 0.000 | | 0.955 | - | | | 0.000 | 0.000 | 0.000 | | 0.001 | - | - | 0.000 | 0.000 | 0.000 | | 0.010 | - | - | | 0.016 |
| 1.700 | 0.000 | 0.000 | 0.00 | 0 | 0.846 | - | | - | 0.000 | 0.000 | 0.000 | | 0.863 | - | - | | 0.000 | 0.000 | 0.000 | | 0.003 | - | - | 0.000 | 0.000 | 0.000 | | 0.017 | - | - | | 0.017 |
| 1.800 | 0.000 | 0.000 | 0.00 | 0 | 0.750 | - | | - | 0.000 | 0.000 | 0.000 | | 0.775 | - | | | 0.000 | 0.000 | 0.000 | | 0.007 | - | - | 0.000 | 0.000 | 0.000 | | 0.029 | - | - | | 0.018 |
| 1.900 | 0.000 | 0.000 | 0.00 | 0 | 0.657 | - | | - | 0.000 | 0.000 | 0.000 | | 0.690 | - | - | | 0.000 | 0.000 | 0.000 | | 0.014 | - | - | 0.000 | 0.000 | 0.000 | | 0.044 | - | - | | 0.019 |
| 2.000 | 0.000 | 0.000 | 0.00 | 0 | 0.569 | - | | - | 0.000 | 0.000 | 0.000 | | 0.610 | - | - | | 0.000 | 0.000 | 0.000 | | 0.025 | - | - | 0.000 | 0.000 | 0.000 | | 0.063 | - | - | | 0.020 |
| 2.200 | 0.000 | 0.000 | 0.00 | 0 | 0.409 | - | | - | 0.000 | 0.000 | 0.000 | | 0.468 | - | - | | 0.000 | 0.000 | 0.000 | | 0.065 | - | - | 0.000 | 0.000 | 0.000 | | 0.121 | - | - | | 0.022 |
| 2.400 | 0.000 | 0.000 | 0.00 | 0 | 0.276 | - | | - | 0.000 | 0.000 | 0.000 | | 0.351 | - | - | | 0.000 | 0.000 | 0.000 | | 0.132 | - | 16 | 0.000 | 0.000 | 0.000 | | 0.203 | - | - | | 0.024 |
| 2.600 | 0.000 | 0.000 | 0.00 | 0 | 0.179 | - | | 1 | 0.000 | 0.000 | 0.000 | | 0.256 | - | 10 | | 0.000 | 0.000 | 0.000 | | 0.235 | - | 5 | 0.000 | 0.000 | 0.000 | | 0.309 | - | - | | 0.026 |
| 2.800 | 0.000 | 0.000 | 0.00 | 0 | 0.110 | - | | 56 | 0.000 | 0.000 | 0.000 | | 0.183 | - | - | | 0.000 | 0.000 | 0.000 | | 0.365 | | - | 0.000 | 0.000 | 0.000 | | 0.435 | | - | | 0.028 |
| 3.000 | 0.000 | 0.000 | 0.00 | 0 | 0.063 | - | | 1,255 | 0.170 | 0.170 | 0.170 | 0.170 | 0.170 | 30 | 70 | | 0.000 | 0.000 | 0.000 | | 0.519 | - | - | 0.000 | 0.000 | 0.000 | | 0.580 | - | - | | 0.030 |
| 3.200 | 0.000 | 0.000 | 0.00 | 0 | 0.035 | - | | 52 | 0.000 | 0.000 | 0.000 | | 0.088 | - | - | | 0.000 | 0.000 | 0.000 | | 0.691 | - | - | 0.000 | 0.000 | 0.000 | | 0.739 | - | - | | 0.032 |
| 3.400 | 0.000 | 0.000 | 0.00 | 0 | 0.019 | - | | - | 0.000 | 0.000 | 0.000 | | 0.061 | - | - | | 0.000 | 0.000 | 0.000 | | 0.875 | - | | 0.000 | 0.000 | 0.000 | | 0.913 | - | - | | 0.034 |
| 3.600 | 0.000 | 0.000 | 0.00 | 0 | 0.010 | - | | - | 0.000 | 0.000 | 0.000 | | 0.041 | - | - | | 0.000 | 0.000 | 0.000 | | 1.07 | - | | 0.000 | 0.000 | 0.000 | | 1.09 | - | - | | 0.036 |
| 3.800 | 0.000 | 0.000 | 0.00 | 0 | 0.005 | - | | - | 0.000 | 0.000 | 0.000 | | 0.027 | - | - | | 0.000 | 0.000 | 0.000 | | 1.26 | - | - | 0.000 | 0.000 | 0.000 | | 1.28 | - | - | | 0.038 |
| | Totals: | | | | | 0 | | 1,364 | | | | | | 30 | 80 | 0 | 0 | | | | | 0 | 21 | | | | | | 0 | 0 | 0 0 | |
| | Number | of Trade | s: | | | | 0 | | | | | | | | 1 | 0 | | | | | | | 0.00 | | | | | | | 0 | 0 | |

| | | | Ми | ultilateral Trar | nsactions[1] | | Bilateral 1 | Transactions[2] | Stock Borrowing through OTC (volume)[3] |
|------------------|--------------------------------|------------------|-----------------|---------------------|---------------------|---------------------|---------------------|--------------------|---|
| Lending Products | Underlying Title | Open Interest[5] | Volume(Offered) | Average Weighted | Transactions volume | Average Weighted | Transactions Volume | Average Weighte | Transactions Volume |
| ADMIEBOR | ADMIE (IPTO) HOLDING S.A. (CR) | | | | | | | | 79,121 |
| AEGNBOR | AEGEAN AIRLINES (CR) | 1,532 | | | | | | | 13,257 |
| ALPHABOR | ALPHA BANK (CR) | 5,000 | | | | | | | 53,828,486 |
| ALMYBOR | ALUMIL (CR) | | | | | | | | |
| TATTBOR | ATTICA BANK S.A. (CR) | | | | | | | | 370 |
| EEEBOR | CC HBC AG (CR) | 2,700 | | | | | | | 70,558 |
| CENERBOR | CENERGY HOLDINGS (CB) | | | | | | | | |
| ELLAKTORBOR | ELLAKTOR (CR) | *** | | | | | | | 10,700 |
| EUROBBOR | EUROBANK ERGASIAS (CR) | 620,000 | | | | | | | 71,245,872 |
| EYDAPBOR | EYDAP S.A. (CR) | 124 | | | | | | | 232,781 |
| FFGRPBOR | FOLLI FOLLIE (CR) | | | | | | | | 1,314,253 |
| FOYRKBOR | FOURLIS (CR) | | | | 500 | 3.41% | | | 43,505 |
| GEKTERNABOR | GEK TERNA (CR) | 1,500 | | | | | | | 29,995 |
| SARBOR | GR. SARANTIS S.A. (CR) | 3,500 | | | | | | | 17,333 |
| EXAEBOR | HELLENIC EXCHANGES-A.S.E. (CR) | | | | | | | | 123,778 |
| ELPEBOR | HELLENIC PETROLEUM (CR) | *** | | | | | | | 52,268 |
| INTRKBOR | INTRACOM HOLDINGS (CR) | 500 | | | | | | | |
| INLOTBOR | INTRALOT (CR) | 12,000 | | | | | | | 619,512 |
| BELABOR | JUMBO SA (CR) | 21,700 | | | | | 500 | 3.00% | 77,701 |
| LAMDABOR | LAMDA DEVELOPMENT SA (CR) | | | | | | | | 7,778 |
| MIGBOR | MARFIN INVESTMENT GROUP (CR) | 39,000 | | | | | | | 744,474 |
| MOHBOR | MOTOR OIL (CR) | 1,500 | | | | | | | 43,314 |
| MYTILBOR | MYTILINEOS HOLDINGS (CR) | | | | | | | | 56,732 |
| ETEBOR | NATIONAL BANK (CR) | 15,728 | | | | | | | 28,832,003 |
| OPAPBOR | OPAP (CR) | | | | | | | | 1,279,820 |
| HTOBOR | OTE (CR) | | | | | | | | 529,106 |
| PPABOR | P.P.A. S.A. (CR) | 500 | | | | | | | 2,901 |
| TPEIRBOR | PIRAEUS BANK (CR) | | | | | | | | 24,341,410 |
| PLAISBOR | PLAISIO COMPUTERS SA (CR) | | | | | | | | 1,000 |
| PPCBOR | PPC (CR) | 22,733 | | | | | *** | | 6,751,352 |
| QUALBOR | QUALITY & RELIABILITY SA (CR) | *** | *** | | | | | *** | |

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

Year: 140 Trading Day No: 156

Section 7: Stock Lending Analytic Figures

Tuesday, 20 August, 2019

| | | | Mı | ultilateral Tran | sactions[1] | | Bilateral ⁻ | Fransactions[2] | Stock Borrowing through OTC (volume)[3] |
|------------------|---------------------|------------------|-----------------|---------------------|---------------------|---------------------|------------------------|--------------------|---|
| Lending Products | Underlying Title | Open Interest[5] | Volume(Offered) | Average Weighted | Transactions volume | Average Weighted | Transactions Volume | Average Weighte | Transactions Volume |
| TENERGYBOR | TERNA ENERGY (CR) | | | | | | | | 19,403 |
| TITKBOR | TITAN CEMENT (CR) | | | | | | | | 209,166 |
| VIOBOR | VIOHALCO SA/NV (CB) | | | | | | | | |

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.

Market Operation & Development Division - Statistics & Information Services

Daily Official List
Appendix A: Sectors codification for listed companies
Year: 140 Trading Day No: 156
Tuesday, 20 August, 2019

Sectors codification for listed companies

| | ouniounion notou ounipunio | | |
|----------|--|----------|-------------------------------------|
| 12003 - | ETF | 10101010 | Computer Services |
| 10101015 | Software | 10102030 | Computer Hardware |
| 15101010 | Telecommunications Equipment | 15102015 | Telecommunications Services |
| 20101010 | Health Care Facilities | 20101025 | Health Care Services |
| 20102010 | Medical Equipment | 20103015 | Pharmaceuticals |
| 30101010 | Banks | 30202000 | Diversified Financial Services |
| 30202010 | Asset Managers & Custodians | 30202015 | Investment Services |
| 30302010 | Full Line Insurance | 30302015 | Insurance Brokers |
| 35101010 | Real Estate Holding and Development | 35101015 | Real Estate Services |
| 35102000 | Diversified REITs | 35102030 | Office REITs |
| 40201040 | Rental & Leasing Services: Consumer | 40202010 | Home Construction |
| 40202015 | Household Furnishings | 40202020 | Household Appliance |
| 40203040 | Electronic Entertainment | 40203045 | Toys |
| 40204020 | Clothing & Accessories | 40301010 | Entertainment |
| 40301030 | Publishing | 40301035 | Radio & TV Broadcasters |
| 40401010 | Diversified Retailers | 40401020 | Apparel Retailers |
| 40401025 | Home Improvement Retailers | 40401030 | Specialty Retailers |
| 40501010 | Airlines | 40501015 | Travel & Tourism |
| 40501020 | Casinos & Gambling | 40501025 | Hotels & Motels |
| 45101015 | Distillers & Vintners | 45101020 | Soft Drinks |
| 45102010 | Farming Fishing Ranching & Plantations | 45102020 | Food Products |
| 45103010 | Tobacco | 45201010 | Food Retailers & Wholesalers |
| 45201020 | Personal Products | 50101010 | Construction |
| 50101030 | Cement | 50101035 | Building Materials: Other |
| 50202010 | Electrical Components | 50203000 | Diversified Industrials |
| 50203015 | Plastics | 50203030 | Containers & Packaging |
| 50204000 | Machinery: Industrial | 50204020 | Machinery: Construction & Handling |
| 50205010 | Industrial Suppliers | 50205020 | Back Office Support HR & Consulting |
| 50205030 | Forms & Bulk Printing Services | 50206015 | Commercial Vehicles & Parts |
| 50206030 | Marine Transportation | 50206060 | Transportation Services |
| 55101000 | Diversified Materials | 55101020 | Textile Products |
| 55102000 | General Mining | 55102010 | Iron & Steel |
| 55102015 | Metal Fabricating | 55102035 | Aluminum |
| 60101000 | Integrated Oil & Gas | 60101020 | Oil Refining and Marketing |
| 65101010 | Alternative Electricity | 65101015 | Conventional Electricity |
| 65102030 | Water | | |

