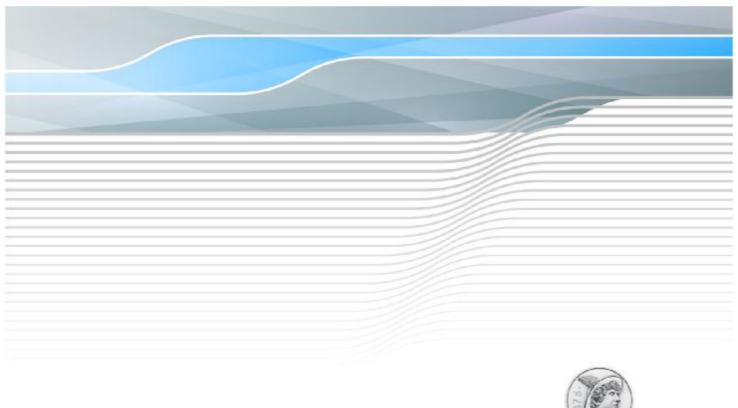
Hellenic Exchanges – Athens Stock Exchange S.A.

# Ημερήσιο Δελτία Συναλλακτικής Δ Daily Official List of Trading Activity

Ημερήσιο Δελτίο Συναλλακτικής Δραστηριότητας

Wednesday, 14 November, 2018 Year: 139 Trading Day No: 219





Daily Official List

Year: 139 Trading Day No: 219

Wednesday, 14 November, 2018

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# 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)

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.

Daily Official List

Year: 139 Trading Day No: 219

Wednesday, 14 November, 2018

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

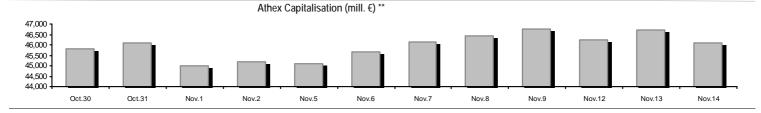
Securities' Transactions Value with Block Trades Method 6-1 (thou. €)

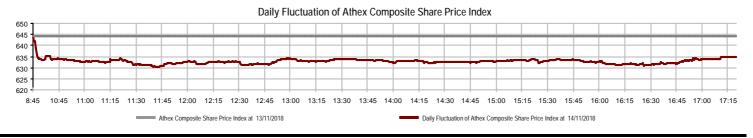
# Summary of Markets

# Athex Composite Share Price Index vs Shares and Derivatives Transactions Value Athex Composite Share Price Index vs Shares and Derivatives Transactions Value 650 640 630 620 600 00.15 Oct.16 Oct.17 Oct.18 Oct.19 Oct.22 Oct.23 Oct.24 Oct.25 Oct.26 Oct.29 Oct.30 Oct.31 Nov.1 Nov.2 Nov.5 Nov.6 Nov.7 Nov.8 Nov.9 Nov.9 Nov.12 Nov.13 Nov.14

Athex Composite Share Price Index | % daily chng

Athex Capitalisation (mill. €) **:	46,117.25		Derivatives Total Open Interest	445,103	
Daily change: mill. €   %	-602.45	-1.29%	in Index Futures   % daily chng	5,727	5.70%
Yearly Avg Capitalisation: mill. $\in$   % chng prev year Avg	53,030.74	5.73%	in Stock Futures   % daily chng	435,971	5.86%
Athex Composite Share Price Index   % daily chng	634.64	-1.45%	in Index Options   % daily chng	2,320	2.11%
Athex Composite Share Price Index Capitalisation (mill. $\in$ ) Daily change (mill. $\in$ )	41,264.97 -591.03		in Stock Options   % daily chng	1,085	4.83%
Securities' Transactions Value with Block Trades Method 6-1 (	56,257.66		Derivatives Contracts Volume:	73,154	
Daily change: %	13,404.13	31.28%	Daily change: pieces   %	15,570	27.04%
YtD Avg Trans. Value: thou. $\in \mid \%$ chng prev year Avg	55,789.18	-4.11%	YtD Avg Derivatives Contracts % chng prev year Avg	54,832	-29.23%
Blocks Transactions Value of Method 6-1 (thou. €)	2,707.18		Derivatives Trades Number:	3,098	
Blocks Transactions Value of Method 6-2 & 6-3 (thou. €)	0.00		Daily change: number   %	421	15.73%
Bonds Transactions Value (thou.€)	390.99		YtD Avg Trades number % chng prev year Avg	2,734	4.17%
Securities' Transactions Volume with Block Trades Method 6-1 (	th 48,119.	30	Lending Total Open Interest	331,734	
Daily change: thou. pieces   %	21,984.70	84.12%	Daily change: pieces   %	0	0.00%
YtD Avg Volume: % chng prev year Avg	37,501.59	-47.98%	Lending Volume (Multilateral/Bilateral)	1,000	
Blocks Transactions Volume of Method 6-1 (thou. Pieces)	1,927.59		Daily change: pieces   %	-26,108	
Blocks Transactions Volume of Method 6-2 & 6-3 (thou. Pieces Bonds Transactions Volume	0.00		Multilateral Lending	1,000	
Donus Hansactions volume	000,000		Bilateral Lending	0	
Securities' Trades Number with Block Trades Method 6-1	30,283		Lending Trades Number:	2	-92.31%
Daily change: number   %	11,009	57.12%	Daily change: %	-24	
YtD Avg Trades number % chng prev year Avg	20,283	16.12%	Multilateral Lending Trades Number	2	
Number of Blocks Method 6-1	3		, and the second se	0	
Number of Blocks Method 6-2 & 6-3	0		Bilateral Lending Trades Number	U	
Number of Bonds Transactions	28				



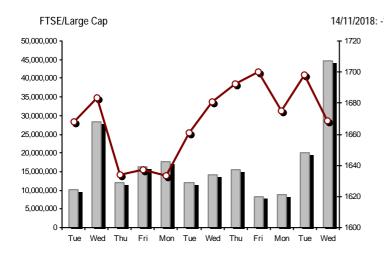


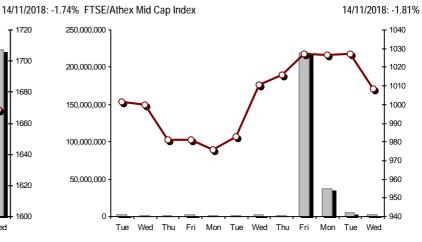
#### Athex Indices Index name 14/11/2018 13/11/2018 % Min Max Year min Year max Year change pts. Athex Composite Share Price Index -9.36 634.64 Œ 644.00 -1.45% 630.29 644 00 610.42 895.64 -20.90% Œ FTSE/Athex Large Cap 1,668.72 1,698.31 -29.59 -1.74% 1,658.39 1,698.31 1,599.69 2,275.91 -19.90% Œ Œ FTSE/Athex Mid Cap Index 1,008.32 Œ 1,026.90 -18.58 -1.81% 1,002.15 1,026.90 965.46 1,417.74 -15.85% Œ FTSE/ATHEX-CSE Banking Index -28.00 360.22 -44.74% Œ 366.48 Œ 394.48 -7.10% 394.48 345.87 788.88 FTSE/ATHEX Global Traders Index Plus 2,046.90 Œ 2,064.98 -18.08 -0.88% 2,031.46 2,064.98 1,957.99 2,656.94 -12.51% Œ 2.87 1,949.70 1,970.15 2,452.53 -9.57% Œ FTSE/ATHEX Global Traders Index 1,969.85 # 1,966.98 0.15% 1,872.97 FTSE/ATHEX Mid & Small Cap Factor-Weighted Ind 2.238.43 # 2.230.41 8.02 0.36% 2.218.06 2.238.43 1.953.64 2.464.88 14.56% # ATHEX Mid & SmallCap Price Index 3,718.67 4,442.84 3,745.31 Œ 3,760.91 -15.60 -0.41% 3,764.03 8.18% # 3,459.89 FTSE/Athex Market Index 413.86 Œ 421.17 -7.31 -1.74% 411.37 421.17 397.13 564.78 -19.63% Œ FTSF Med Index 4,573.27 4,559.94 13.33 0.29% 3,923.92 4,634.00 5.49% # 997.30 1.019.00 Athex Composite Index Total Return Index 1,004.17 Œ 1.019.00 -14.83 -1.46% 965.39 1.392.60 -19.50% Œ -42.94 3,277.20 FTSE/Athex Large Cap Total Return 2,421.19 Œ 2,464.13 -1.74% 2,370.00 -19.79% Œ FTSE/ATHEX Large Cap Net Total Return 729.78 742.72 -12.94 -1.74% 725.26 742.72 698.98 979.13 -18.57% Œ FTSE/Athex Mid Cap Total Return 1,244.50 Œ 1,267.43 -22.93 -1.81% 1,204.17 1,702.90 -13.73% Œ FTSE/ATHEX-CSE Banking Total Return Index -7.10% 747.83 345.26 Œ 371.64 -26.38 333.38 -45.67% Œ 918.62 929.87 Hellenic Mid & Small Cap Index 928.24 Œ 929.87 -1.63 -0.18% 881.54 1,185.73 -10.06% Œ FTSE/Athex Banks 484.21 Œ 521.20 -36.99 -7.10% 475.94 521.20 456.98 1,042.30 -44.74% Œ FTSE/Athex Financial Services 822.90 Œ -17.21 840.11 840.11 -2.05% 818.67 766.55 1.309.27 -26.88% Œ FTSE/Athex Industrial Goods & Services 2,076.98 Œ 2,086.02 -9.04 -0.43% 2,061.30 2,086.02 1,926.29 2,717.62 -7.53% Œ FTSE/Athex Retail 63.52 Œ 64.65 -1.13-1.75% 60.11 64.65 51.91 2,921.52 -97.72% Œ FTSE/ATHEX Real Estate 2,820.59 Œ 2,845.96 -25.37-0.89% 2,808.41 2.845.96 2.783.70 3.587.02 -17.25% Œ FTSE/Athex Personal & Household Goods 102.11 7,083.09 # 6,980.98 1.46% 6,933.16 7,124.38 6,088.80 8,843.95 -11.47% Œ FTSE/Athex Food & Beverage 9,952.06 Œ 10,124.36 -172.30-1.70% 9,948.26 10,124.36 9,316.14 11,879.29 -1.98% FTSE/Athex Basic Resources 3,290.18 # 3,187.35 102.83 3.23% 3,187.35 3,290.18 3,103.28 4,731.18 -18.41% Œ -2.51 -7.71% Œ FTSE/Athex Construction & Materials 2,601.03 Œ 2,603.54 -0.10% 2,575.74 2,608.79 2,487.37 3,244.17 FTSE/Athex Oil & Gas 4,677.98 Œ 4,687.05 -9.07 -0.19% 4,634.99 4,693.48 4,087.64 5,396.31 3.28% # FTSE/Athex Chemicals 8,408.86 # 8,392.40 16.46 0.20% 8,375.93 8,408.86 7,915.01 12,117.06 -26.70% Œ -6.67% Œ FTSE/Athex Media 0.00 0.00% 1,456.63 1.456.63 ¬ 1.456.63 1.456.63 1.131.49 1.651.72 -20.04% Œ FTSE/Athex Travel & Leisure 1,463.03 Œ 1,473.29 -10.26-0.70% 1,457.86 1.473.29 1,391.23 1.962.01 FTSE/Athex Technology 767.66 Œ 767.70 -0.04 -0.01% 754.12 767.70 742.94 1,116.72 -15.71% Œ FTSE/Athex Telecommunications 2,807.62 # 2,804.87 2.75 0.10% 2,766.33 2,813.13 2,587.42 3,526.04 -11.30% Œ -2.55 FTSE/Athex Utilities 1,883.24 Œ 1,885.79 -0.14% 1,857.99 1,885.79 2.508.45 -5.47% Œ 1,757.74 FTSE/Athex Health Care 405.54 416.08 -10.54-2.53% 403.88 416.08 256.65 454.42 57.17% Œ Athex All Share Index 164.37 -2.11 -1.29% 162.26 162.26 209.09 -14.72% Œ 162.26 Œ 158.43 Hellenic Corporate Bond Index 117.77 Œ 117.80 -0.03 -0.02% 116.16 118.41 0.71% # Hellenic Corporate Bond Price Index 97.46 Œ 97.49 -0.03 -0.03% 97.36 100.55 -2.49% Œ

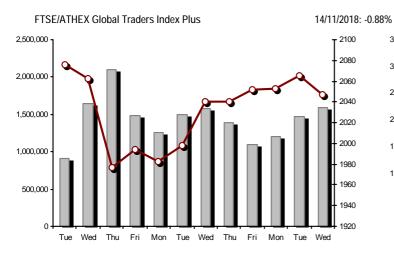
Note 1: FTSE/Med 100, Hellenic Corporate Bond Price Index and Hellenic Corporate Bond Index closing prices refer to the previous trading day of 12/11/2018.

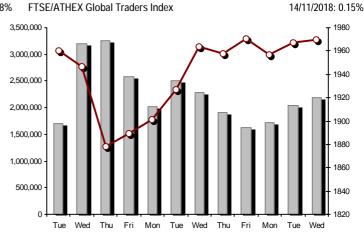
Note 2: The Hellenic Mid & Small Cap Index is a Customized index calculated by the Athens Exchange.

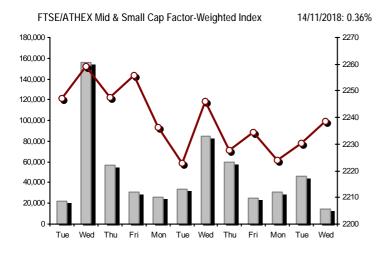
#### Athex Indices

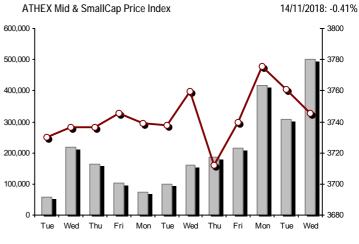












Indices volume of transactions

Indices closing prices

# Analytic Figures for Athex Market's Boards and Categories

	Total Traded Securities	Main Market	Surveillance	Exchange Traded Funds (ETFs)	
Totals	113	98	14	1	
Gain / Lose / Same:	27 / 52 / 34	26 / 49 / 23	1/2/11	0/1/0	
Athex Capitalisation (mill. €) **	46,117.25	45,882.37	234.88		
Daily Average Trans/ons Value(thou.€)	55,789.18	55,801.19	32.68	44.81	
Transactions Value	56,257.66	56,252.72	4.93	0.02	
Main Board:	53,550.48	53,545.53	4.93	0.02	
Blocks Board 6_2_3:	2,707.18	2,707.18	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	37,501,589	37,336,078	217,042	2,184	
Transactions Volume	48,119,297	48,049,016	70,280	1	
Main Board:	46,191,710	46,121,429	70,280	1	
Blocks Board 6_2_3:	1,927,587	1,927,587	0	0	
Forced Sales Board:	0	0	0	0	
Special Terms Board:	0	0	0	0	
Daily Average Number of Trades	20,283	20,189	94	2	
Number of Trades	30,283	30,211	71	1	
Main Board:	30,280	30,208	71	1	
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
8300 -	- Banks	1/5/0	21,726	43,166,495	38,592,905.72	68.60%
1700 -	- Basic Resources	1/3/0	131	73,152	101,345.00	0.18%
1300 -	- Chemicals	1/0/1	62	8,313	16,583.65	0.03%
2300 -	- Construction & Materials	5/4/6	1,258	379,675	1,187,422.97	2.11%
12000 -	- Financial Instruments	0/1/0	1	1	16.68	0.00%
8700 -	- Financial Services	0/2/0	293	394,382	116,386.86	0.21%
3500 -	- Food & Beverage	3/4/1	260	395,080	962,394.09	1.71%
4500 -	- Health Care	0/2/2	313	1,455,964	1,370,042.36	2.44%
2700 -	- Industrial Goods & Services	2/7/4	930	300,704	1,436,548.16	2.55%
8500 -	- Insurance	0/1/0	19	4,187	14,206.08	0.03%
5500 -	- Media	0/0/1	3	5,460	611.52	0.00%
500 -	- Oil & Gas	0/1/1	1,307	305,371	4,449,020.85	7.91%
3700 -	- Personal & Household Goods	3/6/8	565	214,207	1,260,495.32	2.24%
8600 -	- Real Estate	2/3/3	572	160,111	962,054.32	1.71%
5300 -	- Retail	0/2/1	35	12,661	7,615.00	0.01%
9500 -	- Technology	3/4/2	226	112,638	91,098.97	0.16%
6500 -	- Telecommunications	1/0/0	794	368,480	3,736,039.30	6.64%
5700 -	- Travel & Leisure	3/3/4	899	531,046	1,456,596.27	2.59%
7500 -	- Utilities	2/4/0	889	231,370	496,279.49	0.88%

# Top 10 best & worst performing Shares

		Mair	Market		
With positive Price change	Closing price	change	With negative Price change	Closing price	change
FOURLIS (CR)	4.76	2.59% #	NATIONAL BANK (CR)	1.21	-13.20% Œ
PLAISIO COMPUTERS SA (CR)	4.03	2.03% #	MERMEREN KOMB. A.D. PR. (GDR)	53.4	-10.10% <b>Œ</b>
JUMBO SA (CR)	12.98	1.72% #	EUROBANK ERGASIAS (CR)	0.55	-9.84% Œ
TITAN CEMENT (CR)	19.68	1.55% #	ELLAKTOR (CR)	1.266	-6.22% Œ
TPA SA (CR)	26.5	1.53% #	PIRAEUS BANK (CR)	1.042	-6.21% Œ
AEGEAN AIRLINES (CR)	7.27	0.97% #	IASO SA (CR)	0.802	-4.52% Œ
EKTER SA (CR)	1.07	0.94% #	MARFIN INVESTMENT GROUP (CR)	0.0724	-3.47% Œ
TITAN CEMENT CO. (PR)	18.85	0.80% #	ALPHA BANK (CR)	1.245	-2.96% Œ
BANK OF GREECE (CR)	12.75	0.39% #	SELONDA AQUACULTURE SA (CR)	0.0496	-2.75% <b>Œ</b>
TERNA ENERGY (CR)	6.24	0.32% #	INTRALOT (CR)	0.59	-2.64% Œ
With the highest Transactions Value	Value (thou. €)	change	With the highest Transactions Volume	Volume	change
NATIONAL BANK (CR)	17,646.54	-13.20% (	EUROBANK ERGASIAS (CR)	19,623,948	-9.84% Œ
EUROBANK ERGASIAS (CR)	10,596.39	-9.84% (	E NATIONAL BANK (CR)	14,508,495	-13.20% Œ
ALPHA BANK (CR)	5,831.02	-2.96% (	E ALPHA BANK (CR)	4,702,597	-2.96% Œ
PIRAEUS BANK (CR)	4,479.19	-6.21% (	E PIRAEUS BANK (CR)	4,258,734	-6.21% Œ
OTE (CR)	3,736.04	0.10% #	HYGEIA SA (CR)	1,356,054	0.00% ¬
MOTOR OIL (CR)	3,470.37	0.00% -	MARFIN INVESTMENT GROUP (CR)	371,699	-3.47% Œ
HYGEIA SA (CR)	1,288.25	0.00% -	OTE (CR)	368,480	0.10% #
OPAP (CR)	1,046.51	-0.82% (	E SELONDA AQUACULTURE SA (CR)	349,169	-2.75% Œ
HELLENIC PETROLEUM (CR)	978.65	-0.65% (	E INTRALOT (CR)	324,001	-2.64% Œ
MYTILINEOS HOLDINGS (CR)	970.65	-0.37% (	E ELLAKTOR (CR)	287,191	-6.22% Œ

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	674	5,641	5,727
FTSE/Athex Large Cap	674	5,641	5,727
Stock Futures	2,390	67,325	435,971
ADMIE (IPTO) HOLDING S.A. (CR)	9	35	8,972
ALPHA BANK (CR)	202	2,831	23,048
ATTICA BANK S.A. (CR)	0	0	337
CC HBC AG (CR)	19	79	131
CENERGY HOLDINGS (CB)	6	7	4,249
ELLAKTOR (CR)	76	353	4,721
EUROBANK ERGASIAS (CR)	629	11,726	27,251
EYDAP S.A. (CR)	0	0	660
FOURLIS (CR)	0	0	138
GEK TERNA (CR)	8	145	4,880
GRIVALIA PROPERTIES (CR)	0	0	192
HELLENIC EXCHANGES-A.S.E. (CR)	5	12	623
HELLENIC PETROLEUM (CR)	46	211	2,833
INTRACOM HOLDINGS (CR)	10	28	4,434
INTRALOT (CR)	18	50	5,444
JUMBO SA (CR)	17	28	1,088
LAMDA DEVELOPMENT SA (CR)	17	46	1,953
MARFIN INVESTMENT GROUP (CR)	16	212	53,383
MOTOR OIL (CR)	16	25	514
MYTILINEOS HOLDINGS (CR)	46	255	7,048
NATIONAL BANK (CR)	514	41,494	244,072
OPAP (CR)	23	188	3,139
OTE (CR)	35	204	2,595
P.P.A. S.A. (CR)	1	1	633
PIRAEUS BANK (CR)	557	8,905	13,120
PPC (CR)	50	219	8,979
TERNA ENERGY (CR)	17	17	5,940
TITAN CEMENT (CR)	18	65	185
VIOHALCO SA/NV (CB)	35	189	5,409
Index Options	30	138	2,320
FTSE/Athex Large Cap	30	138	2,320
Stock Options	4	50	1,085
ALPHA BANK (CR)	0	0	220
NATIONAL BANK (CR)	4	50	260
OPAP (CR)	0	0	5
OTE (CR)	0	0	0
PIRAEUS BANK (CR)	0	0	430
PPC (CR)	0	0	170
Total Derivatives Traded	3,098	73,154	445,103

Number of Outstanding Securities Nomina Value	-	vidends [ 2016	1] Date of L 2017 Dividend [2	ast Coupon !] Right	Note	Shares	Closing price	% change	Previous closir price/date	g Open price		Price Last <i>F</i> max price p		Last Ask [7]	P/E after		Volume	Trades	Transactions Value[8]	Company Mkt Value (thou. €)	Year Year low high	
Main Market -	High	Liquio	dity Class																			
1,543,699,381 0.300			07/04/20	08 18/04/20	17	ALPHA BANK (CR)	1.245	-2.96 Œ	1.283 13/11/20	1.251	1.215	1.275 1.245	1.24 2000@1.24	5000@1.25			4,702,597	2,037	5,831,017.62	1,921,905.73	1.08 2.2	252 835
190,162,681				07/12/20	16	CENERGY HOLDINGS (CB)	1.118	-1.06 <b>Œ</b>	1.13 13/11/20	1.122	1.1	1.126 1.118	1.116 500@1.11	102@1.12			56,786	73	63,355.13	3 212,601.88	1.01	1.6 272
371,365,550 6.70	0.4	0.44	0.54 28/06/20	18 29/04/20	13	CC HBC AG (CR)	26.67	-1.73 Œ	27.14 13/11/20	118 26.81	26.65	27.07 26.67	26.921 2950@26.81	250@27.10			34,263	136	922,391.88	9,904,319.22	24.93 3	1.9 353
51,643,688 0.910			21/06/20	10 24/07/20	18	FOURLIS (CR)	4.76	2.59 #	4.64 13/11/20	118 4.63	4.575	4.76 4.76	4.609 666@4.67	1000@4.79			60,475	143	278,721.06	245,823.95	4.33 6.	5.26 372
101,260,000 2.13	0.3134	0.1902	0.3646 23/03/20	18 08/01/20	14	GRIVALIA PROPERTIES (CR)	7.38	-1.34 Œ	7.48 13/11/20	118 7.4	7.36	7.41 7.38	7.395 1598@7.38	1000@7.39	32.91	2016	65,890	297	487,233.09	747,298.80	7.23 9.	9.65 867
136,059,759 0.880		0.36	0.36 26/03/20	18 05/03/20	14	JUMBO SA (CR)	12.98	1.72 #	12.76 13/11/20	12.8	12.68	13.08 12.98	12.815 9774@12.98	846@13.08	21.42	2 2016	69,936	226	896,228.67	1,766,055.67	10.56 10	16.4 374
79,721,775 0.300			30/05/20	07 23/06/20	14	LAMDA DEVELOPMENT SA (CR)	6	0.17 #	5.99 13/11/20	118 5.99	5.93	6.07 6	5.969 572@6.01	70@6.05			78,053	227	465,913.31	478,330.65	5.65 7.	7.52 863
939,510,748 0.300			26/04/20	07 29/08/20	14	MARFIN INVESTMENT GROUP (CR)	0.0724	-3.47 Œ	0.075 13/11/20	0.0731	0.07230	0.0749 0.0724	0.073 8000@0.072	4479@0.073			371,699	130	27,205.08	8 68,020.58	0.0610.18	336 877
259,189,761				26/02/20	16	VIOHALCO SA/NV (CB)	2.715	-0.73 Œ	2.735 13/11/20	18 2.705	2.67	2.75 2.715	2.707 1545@2.69	400@2.72			101,759	170	275,477.22	2 703,700.20	2.44	4 272
232,000,000 2.12			24/08/20	18 19/06/20	17	ADMIE (IPTO) HOLDING S.A. (CR)	1.65	-0.48 Œ	1.658 13/11/20	1.65	1.636	1.65 1.65	1.644 948@1.64	740@1.65	8.88	2017	30,056	170	49,404.00	382,800.00	1.52 2.	2.28 753
71,417,100 0.650	0.7	0.4	0.55 22/05/20	18 27/06/20	14	AEGEAN AIRLINES (CR)	7.27	0.97 #	7.2 13/11/20	118 7.12	7.1	7.29 7.27	7.204 472@7.24	350@7.28			21,984	151	158,377.14	519,202.32	6.52 9.	9.59 575
103,423,291 0.570			01/08/20	11 19/04/20	16	GEK TERNA (CR)	4.71	-0.84 <b>Œ</b>	4.75 13/11/20	118 4.63	4.63	4.725 4.71	4.678 643@4.64	310@4.72			25,618	90	119,837.32	487,123.70	4.285 5.	.64 235
232,000,000 2.48			20/07/20	15 12/12/20	01	PPC (CR)	1.386	-0.22 Œ	1.389 13/11/20	1.37	1.356	1.386 1.386	1.37 1500@1.37	1900@1.39			145,635	338	199,490.77	321,552.00	1.11 3.	3.35 753
914,715,153 3.00			16/05/20	08 29/08/20	18	NATIONAL BANK (CR)	1.21	-13.20 Œ	1.394 13/11/20	1.22	1.185	1.255 1.21	1.216 25000@1.21	9100@1.22			14,508,495	9,046	17,646,539.53	3 1,106,805.34	1.185 3.	.55 835
177,001,313 1.03			05/07/20	11 20/12/20	07	ELLAKTOR (CR)	1.266	-6.22 Œ	1.35 13/11/20	1.298	1.244	1.298 1.266	1.266 2500@1.26	549@1.27			287,191	530	363,628.83	3 224,083.66	1.222 2.1	155 235
60,348,000 0.690	0.1026	0.065	0.0502 05/06/20	18 06/08/20	18	HELLENIC EXCHANGES-A.S.E. (CR)	3.93	-1.75 Œ	4 13/11/20	118 3.92	3.9	3.97 3.93	3.932 827@3.93	500@3.94			22,683	163	89,181.78	3 237,167.64	3.68 5.	5.87 877
305,635,185 2.18			0.4 02/07/20	18 01/10/20	03	HELLENIC PETROLEUM (CR)	7.67	-0.65 Œ	7.72 13/11/20	118 7.72	7.47	7.73 7.67	7.627 65@7.61	100@7.70			128,313	574	978,653.35	2,344,221.87	6.6 8.	3.88 53
106,500,000 0.600	0.31	0.11	0.2 22/06/20	18 28/01/20	00	EYDAP S.A. (CR)	5.17	-0.19 Œ	5.18 13/11/20	118 5.05	5.02	5.17 5.17	5.121 22@5.11	250@5.18			7,200	115	36,873.11	550,605.00	4.87 6.	5.97 757
156,961,721 0.300			30/05/20	13 14/11/20	07	INTRALOT (CR)	0.59	-2.64 <b>Œ</b>	0.606 13/11/20	0.595	0.587	0.6 0.59	0.593 2900@0.585	105@0.588			324,001	238	192,103.38	92,607.42	0.536 1.5	512 575
110,782,980 0.750	0.65	0.9	1.3 26/06/20	18 04/11/20	13	MOTOR OIL (CR)	19.6	¬	19.6 13/11/20	19.6	19.5	19.7 19.6	19.6 470@19.58	1332@19.60			177,058	733	3,470,367.50	2,171,346.41	16.88 23	3.9 53
142,891,161 0.970			0.32 11/06/20	18 07/07/20	17	MYTILINEOS HOLDINGS (CR)	8.15	-0.37 Œ	8.18 13/11/20	118 8.11	8.05	8.17 8.15	8.115 28365@8.15	520@8.18			119,605	475	970,646.96	1,164,562.96	7.44 10.	).76 272
25,000,000 2.00	0.1114	0.0892	0.1712 19/07/20	18 08/08/20	03	P.P.A. S.A. (CR)	15.38	-1.66 <b>Œ</b>	15.64 13/11/20	15.64	15.32	15.7 15.38	15.501 28@15.38	44@15.62	34.06	5 2017	2,592	79	40,178.84	384,500.00	15.3 1	17.7 277
319,000,000 0.300	0.7	0.72	0.4 12/10/20	18 25/04/20	01	OPAP (CR)	8.47	-0.82 Œ	8.54 13/11/20	118 8.54	8.455	8.54 8.47	8.494 5002@8.47	500@8.50			123,210	442	1,046,512.23	3 2,701,930.00	8.085 11.	.15 575
490,150,389 2.83	0.1	0.16	0.3529 28/06/20	18 18/06/19	98	OTE (CR)	10.2	0.10 #	10.19 13/11/20	10.19	10.04	10.22 10.2	10.139 728@10.12	3893@10.20			368,480	794	3,736,039.30	4,999,533.97	9.39 12.	2.81 653
436,659,164 6.00			16/05/20	08 31/07/20	17	PIRAEUS BANK (CR)	1.042	-6.21 <b>Œ</b>	1.111 13/11/20	1.057	1.01	1.092 1.042	1.052 1000@1.04	125@1.05			4,258,734	3,548	4,479,186.04	454,998.85	1 3.9	934 835
69,877,484 0.780	(0.08)	(0.0875)	(0.14) 24/05/20	18 13/06/20	18	GR. SARANTIS S.A. (CR)	7	-1.13 Œ	7.08 13/11/20	118 6.94	6.86	7.08 7	6.975 462@7.00	2500@7.10			8,339	76	58,165.04	489,142.39	6.325 8.2	275 376
113,918,936 0.300	0.0935	0.0939	0.0419 10/01/20	18 02/07/20	18	TERNA ENERGY (CR)	6.24	0.32 #	6.22 13/11/20	118 6.18	6.14	6.24 6.24	6.197 68@6.24	1365@6.25			27,100	155	167,940.74	710,854.16	4.4 6.	5.54 753
77.063.568 3.45	0.3099	0.1049	0.0527 25/06/20	18 26/06/20	18	TITAN CEMENT (CR)	19.68	1.55 #	19.38 13/11/20	19.5	19.36	19.84 19.68	19.55 2240@19.64	100@19.70			31,973	449	625,082.58	3 1,659,285.91	18.22 25.	i.35 <b>23</b> 5
2,185,998,765 0.300			02/05/20			EUROBANK ERGASIAS (CR)	0.55	-9.84 Œ	0.61 13/11/20	18 0.535		0.5575 0.55	0.54 500@0.545	1048081@0.550	)		19,623,948	6,965	10,596,386.99		0.4726 1.0	
Main Market -	Medii	ım I i				,		_									,, ,,					
13,126,020 0.560	Wicum	uiii Li	08/07/20		18	AS COMPANY SA (CR)	2 54	1 E / G	2.6 13/11/20	118 2.48	2.42	2.56 2.56	2.47 30@2.50	195@2.56			1,042	11	2,574.2	33,602.61	1 50	2.7 537
						• ,	2.56															
461,254,013 0.300	0.85	0.85	04/06/20			ATTICA BANK S.A. (CR)	0.1338	-2.62 <b>Œ</b> 1.79 #				0.139 0.1338	0.132 223@0.131	2349@0.134			70,322	69	9,262.19			071 835
12,213,750 0.320			1.1 17/05/20			AUTOHELLAS SA (CR)	22.8		22.4 13/11/20		22.2	22.8 22.8	22.492 40@22.00	90@22.80	11 22		137	-	3,081.40			26 575
11,921,531 2.33			0.035 24/04/20			BRIQ PROPERTIES (CR)	2.13	¬	2.13 13/11/20				6665@2.05	100@2.10		2 2017				,		2.13 867
101,123,806 0.360			22/07/20			CENTRIC HOLDINGS (CR)	0.1095		0.11 13/11/20		0.104	0.115 0.115	0.109 80@0.104	4185@0.115			8,156	9	891.94	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		209 575
784,500 10.00				31/07/20		CNL CAPITAL (CR)	9.697		9.697 13/11/20				12@9.60	50@9.85						7,007.30		).44 877
9,907,500 0.300			06/10/20	05 13/02/20	02	CPI SA (CR)	0.2	¬	0.2 13/11/20	)18			1000@0.161	700@0.220		2018				- 1,981.50	0.122 0.	.36 957

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

Wednesday, 14 November, 2018

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Number of Outstanding Securities Nominal Value		ridends [ 2016	1] Date of Last Coupon 2017 Dividend [2] Right	Note	Shares	Closing price	% change	Previous closing price/date	Open price	Price Price Last A min max price p		Last Ask [7]	P/E after Yea	ar Volume	Trades		Company Mkt Value (thou. €)	Year Year Sector[ low high 4]
11,720,024 0.540			21/08/2014 01/08/201	18	FLEXOPACK SA (CR)	7.2	7	7.2 13/11/2018			510@6.65	1645@7.50		-			84,384.17	5.35 7.5 2723
10,500,000 4.00		0.28	0.31 05/06/2018 02/08/201	16	INTERCONTINENTAL (CR)	5.3	7	5.3 13/11/2018			2257@5.30	500@5.45	8.90 201	6 -			55,650.00	4.7 6.1 8674
76,000,000 1.00			03/07/2007 17/09/201	18	INTRACOM HOLDINGS (CR)	0.772	-1.41 Œ	0.783 13/11/2018	0.76	0.755 0.775 0.772	0.765 1750@0.761	50@0.778		47,642	2 138	36,436.58	58,672.00	0.7351.7203 9578
30,477,156 0.300			12/08/2008 17/10/201	17	INTRACOM CONSTR. (CR)	1.065	-1.39 Œ	1.08 13/11/2018	1.04	1.035 1.07 1.065	1.054 53@1.05	389@1.07		5,46	5 31	5,759.65	32,458.17	0.88 1.6 2357
77,654,850 0.300			01/07/2011 21/02/200	03	J & P - AVAX SA (CR)	0.3675	0.41 #	0.366 13/11/2018	0.366	0.3615 0.3685 0.368	0.366 235@0.360	400@0.368		1,460	0 17	534.74	28,538.16	0.3395 1.05 2357
468,700	1	0.73	0.73 24/08/2017 21/05/200	04	MERMEREN KOMB. A.D. PR. (GDR)	53.4	-10.10 <b>Œ</b>	59.4 13/11/2018	62.8	52.2 63 53.4	55.907 4@53.20	10@55.80	2.36 201	7 25	4 42	14,200.40	25,028.58	14.8 66.6 1775
10,500,000 0.950			24/06/2008 30/06/201	17	MEVACO SA (CR)	0.965	-1.53 <b>Œ</b>	0.98 13/11/2018	0.94	0.94 0.98 0.98	0.963 1087@0.940	780@0.980	201	7 30	0 2	28.88	10,132.50	0.93 1.15 2757
12,417,000 0.310			28/07/2008 28/08/201	17	MLS MULTIMEDIA SA (CR)	4.6	0.66 #	4.57 13/11/2018	4.52	4.52 4.6 4.6	4.545 100@4.48	441@4.60	31.25 201	7 95	9 8	4,358.40	57,118.20	3.99 4.75 9537
11,812,193 0.470			29/05/2018 15/11/200	)6	PROFILE SA (CR)	1.24	2.48 #	1.21 13/11/2018	1.21	1.21 1.24 1.24	1.214 300@1.20	1500@1.24		1,45	4 7	1,765.13	14,647.12	0.7 1.625 9533
27,345,120 0.470			18/07/2005 26/02/201	14	QUALITY & RELIABILITY SA (CR)	0.238	-0.83 Œ	0.24 13/11/2018	0.239	0.235 0.239 0.238	0.238 1800@0.221	2000@0.235		55,64	3 8	13,241.88	6,508.14	0.181 0.365 9533
11,913,632 0.680			05/09/2008 08/11/201	17	QUEST HOLDINGS (CR)	14.2	-0.35 Œ	14.25 13/11/2018	14.2	14.15 14.25 14.15	14.177 15@14.15	100@14.25		992	2 10	14,063.55	169,173.57	9.3 14.8 9533
3,125,463 0.300			16/11/1992 07/02/201	17	UNIBIOS (CR)	0.321	¬	0.321 13/11/2018			210@0.270	100@0.321		-			1,003.27	0.26 0.82 2353
22,016,250 0.370			15/07/2009 11/05/200	00	ALUMIL (CR)	0.145	-1.36 <b>Œ</b>	0.147 13/11/2018	0.147	0.145 0.15 0.145	0.148 200@0.145	250@0.149		1,55	5 7	229.63	3,192.36	0.138 0.462 1753
24,060,000 0.300	0.01	0.01	0.01 02/07/2018 02/07/201	18	GEN. COMMERCIAL & IND.SA (CR)	0.695	¬	0.695 13/11/2018			800@0.625	200@0.685		-			16,721.70	0.49 0.76 2797
13,673,200 0.880			18/07/2008 26/07/200	01	EVROFARMA SA (CR)	0.605	7	0.605 13/11/2018			100@0.545	9500@0.585		-			8,272.29	0.324 0.68 3577
27,848,000 0.300	0.0084		0.0034 20/08/2018 02/09/200	03	NEWSPHONE HELLAS SA (CR)	0.348	¬	0.348 13/11/2018			500@0.320	400@0.352		-			9,691.10	0.23 0.458 2791
11,250,000 0.520	0.04	0.04	24/07/2017 09/11/201	15	EKTER SA (CR)	1.07	0.94 #	1.06 13/11/2018	1.05	1.05 1.08 1.07	1.06 500@1.06	259@1.07		11,45	5 39	12,144.51	12,037.50	0.63 1.28 2357
82,667,000 0.300			22/07/201	14	ELTECH ANEMOS S.A. (CR)	1.68	-1.18 <b>Œ</b>	1.7 13/11/2018	1.68	1.67 1.715 1.68	1.678 1000@1.67	939@1.72		18,650	0 47	31,302.58	138,880.56	1.525 2.12 7537
18,410,839 1.00			07/07/2009 10/09/201	10	ELASTRON (CR)	1.22	3.83 #	1.175 13/11/2018	1.2	1.2 1.22 1.22	1.201 500@1.16	202@1.24	-(6)- 201	7 710	5 5	852.50	22,461.22	1.125 1.74 1757
375,241,586 0.390			26/06/2008 14/07/200	)6	ELVALHALCOR (CB)	1.235	-0.80 <b>Œ</b>	1.245 13/11/2018	1.23	1.19 1.235 1.235	1.218 100@1.22	1277@1.24		70,63	3 77	86,062.47	463,423.36	1.12 2.1 1755
19,864,886 5.60	0.672	0.672	0.672 08/03/2018 02/07/200	08	BANK OF GREECE (CR)	12.75	0.39 #	12.7 13/11/2018	12.7	12.55 12.9 12.75	12.719 510@12.65	132@12.75		2,39	9 61	30,513.35	253,277.30	12.15 19.2 8355
36,300,000 1.12	0.25	0.228	0.221 28/06/2018 12/12/200	07	THESSALONIKA WATER & SEWERAG	iE 4.21	0.24 #	4.2 13/11/2018	4.09	4.04 4.23 4.21	4.129 10@4.16	11@4.21		2,72	9 64	11,268.29	152,823.00	4 5.22 7577
122,156,754 0.440			24/11/2014 28/03/201	18	IASO SA (CR)	0.802	-4.52 Œ	0.84 13/11/2018	0.826	0.796 0.826 0.802	0.808 939@0.802	1666@0.808		84,91	7 128	68,626.01	97,969.72	0.651.0714 4533
28,580,100 0.400			0.22 01/10/2018 04/07/201	16	IKTINOS HELLAS SA (CR)	5.18	-1.89 <b>Œ</b>	5.28 13/11/2018	5.28	5.12 5.34 5.18	5.185 30@5.12	808@5.18		3,71	5 45	19,261.46	148,044.92	2.18 6.56 2353
8,226,132 0.900			15/05/2009 13/10/201	14	ILYDA S.A. (CR)	0.224		0.224 13/11/2018			500@0.180	1000@0.224	7.06 201	6 -			1,842.65	0.164 0.268 9537
11,233,200 0.730			12/07/2010 30/07/199	99	INTERTECH SA (CR)	0.268	-6.94 <b>Œ</b>	0.288 13/11/2018	0.268	0.266 0.272 0.272	0.268 51@0.264	70@0.272	201	7 57	9 3	155.09	3,010.50	0.21 0.54 9572
19,804,134 0.300			01/07/2004 06/11/201	17	KEKROPS SA (CR)	1.48	-3.90 Œ	1.54 13/11/2018	1.55	1.48 1.55 1.48	1.494 414@1.48	30@1.52	201	7 4,66	5 35	6,971.50	29,310.12	0.72 1.84 8633
33,065,136 0.380	0.06	0.09	0.115 23/08/2018 16/09/201	13	KRI-KRI S.A. (CR)	4.5	-1.10 <b>Œ</b>	4.55 13/11/2018	4.55	4.5 4.55 4.5	4.535 100@4.46	50@4.50	20.28 201	7 3,04	5 17	13,809.65	148,793.11	3 4.9 3577
7,595,160 0.600			0.0263 04/09/2018 18/08/201	10	KIRIAKOULIS SHIPPING SA (CR)	0.96	7	0.96 13/11/2018			800@0.860	2575@1.23		-			7,291.35	0.62 1.61 5759
9,819,370 0.690			14/08/2007 09/01/200	)4	MATHIOS REFRACTORY SA (CR)	0.189	7	0.189 13/11/2018			185@0.140			-			1,855.86	0.148 0.362 2353
294,016,812 0.300			08/07/2008 21/03/201	16	NIREFS SA (CR)	0.1838	6.86 #	0.172 13/11/2018	0.165	0.165 0.1838 0.1838	0.172 640@0.167	80@0.167		79:	2 7	136.09	54,040.29	0.118 0.337 3573
25,118,410 0.610			17/08/2000 10/09/201	18	PAPOUTSANIS (CR)	0.81	-0.74 <b>Œ</b>	0.816 13/11/2018	0.772	0.772 0.818 0.81	0.807 1985@0.800	3477@0.810	48.94 201	7 1,26	1 6	1,017.30	20,345.91	0.504 0.904 3767
17,240,776 0.370			14/07/2005 30/09/200	)3	PERSEUS SA (CR)	0.97	-7.62 Œ	1.05 13/11/2018	1.05	0.97 1.05 0.97	1.001 95@0.970	297@1.00	9.05 201	7 2,65	5 7	2,657.35	16,723.55	0.33 1.14 3577
22,075,665 0.330	0.08	0.05	0.07 29/05/2018 27/04/201	15	PLAISIO COMPUTERS SA (CR)	4.03	2.03 #	3.95 13/11/2018	3.9	3.8 4.03 4.03	3.917 500@3.85	10@4.03		5,29	9 49	20,758.09	88,964.93	3.66 4.74 9572
43,741,452 0.660			0.0471 18/05/2018 01/11/199	99	THRACE PLASTICS SA (CR)	1.99	0.25 #	1.985 13/11/2018	1.98	1.98 1.99 1.99	1.981 1200@1.97	698@1.99		8,16	3 60	16,167.65	87,045.49	1.84 2.98 1357
245,497,164 0.300			01/07/2008 30/07/201	12	SELONDA AQUACULTURE SA (CR)	0.0496	-2.75 Œ	0.051 13/11/2018	0.051	0.0488 0.051 0.0496	0.05 5000@0.049	825@0.050		349,16	9 63	17,472.56	12,176.66	0.0488 0.25 3573
40,693,350 5.00			03/07/2006 26/05/201	15	TECHNICAL OLYMPIC SA (CR)	1.26	0.80 #	1.25 13/11/2018	1.205	1.205 1.28 1.26	1.25 680@1.22	521@1.26		6,40	1 21	8,003.97	51,273.62	1.165 2.57 3728
1,524,000 0.300			06/07/2007 06/02/201	13	GIRAKIAN PROFIL SA (CB)	1.36	7	1.36 13/11/2018			40@0.960	821@1.35	4.43 201	7 -			2,072.64	0.044 2 1757
7,568,960 3.45	0.3099	0.1049	0.0527 25/06/2018 26/06/201	18	TITAN CEMENT CO. (PR)	18.85	0.80 #	18.7 13/11/2018	18.7	18.7 18.9 18.9	18.737 3833@18.70	71@18.90		2,04	7 14	38,353.70	1,659,285.91	15.1 20 2353

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Year: 139 Trading Day No: 219 Wednesday, 14 November, 2018

Number of Outstanding Securities Nominal Value		ends [1] 2016 20	Date of Last Coupon 017 Dividend [2] Right N	lote	Shares	Closing price	% change	Previous clos price/date				Last Avg price pric		Last Ask [7]	P/E after	Year	Volume	Trades	Transactions Value[8]	Company Mkt Value (thou. €)	Year Year low high	
305,732,436 0.410			08/07/2009 28/09/2011		HYGEIA SA (CR)	0.95	7	0.95 13/11	2018 0.9	95 0.9	95 0.95	0.95	0.9 <b>5</b> 1762642@0.950	12500@0.951			1,356,054	134	1,288,251.30	290,445.81	0.558 0.98	88 453
10,203,575 0.730			16/07/2007 18/10/1999		FIERATEX SA (CR)	0.195		0.195 13/11	2018 0.19	95 0.19	0.22	0.22	0.195 999@0.143	506@0.216		2017	71	2	13.87	1,989.70	0.128 0.31	18 376
8,340,750 1.16			25/06/2009 17/09/2018		HAIDEMENOS SA (CR)	0.515	¬	0.515 13/11	2018 0.51	15 0.51	15 0.515	0.515	0.515 1000@0.520	600@0.595		2017	33	2	17.00	4,295.49	0.312 0.	).7 279
Main Market - I	Low Li	quidit	y Class																			
14,000,000 4.15			23/04/2010 29/06/1999		ALPHA REAL ESTATE SA(CR)	6.05	¬	6.05 13/11	2018 6	.1 6	.1 6.1	6.1	6.1 15@6.05	12@6.10			1	1	6.10	84,700.00	5.7 7.	1.5 863
215,805,843 0.300			20/07/2009 29/12/2010		ATTICA HOLDINGS (CR)	1.21	¬	1.21 13/11	<b>2018</b> 1.1	18 1.1	18 1.21	1.21	1.209 516@1.20	1360@1.24			4,068	13	4,918.92	261,125.07	1.161.796	62 575
51,119,369 0.700			01/07/2008 01/03/2010		AUDIO VISUAL ENTERPRISES (CR)	0.112		0.112 13/11	<b>2018</b> 0.11	12 0.11	2 0.112	0.112	0.112 499@0.101	6540@0.112			5,460	3	611.52	5,725.37	0.087 0.16	69 555
15,816,009 0.300			01/07/2009 17/07/2000		BYTE COMPUTER SA (CR)	0.525		0.525 13/11	2018 0.52	25 0.52	25 0.525	0.525	0.525	100@0.525			10	1	5.25	8,303.40	0.45 0.70	05 <b>95</b> 3
52,800,154 0.300			20/08/2014 21/06/2004		F.G. EUROPE S.A. (CR)	0.326	-6.86 <b>Œ</b>	0.35 13/11	<b>2018</b> 0.31	16 0.31	0.34	0.34	0.325 500@0.324	750@0.380			650	4	211.40	17,212.85	0.31 0.7	77 372
20,578,374 0.620	0.07	0.07	0.1 08/06/2018 18/05/2015		INFORM P. LYKOS SA (CR)	0.756		0.756 13/11	2018 0.75	56 0.75	66 0.756	0.756	0.756 100@0.734	100@0.796			2,000	4	1,512.00	15,557.25	0.66 0.99	98 279
4,740,000 0.860			14/03/2003		LOGISMOS S.A. (CR)	0.4		0.4 13/11	2018 -					220@0.432	46.93	2017				1,896.00	0.318 0.4	48 <b>9</b> 53
6,200,000 0.500			22/06/2010 01/11/1995		MINERVA KNITWEAR SA (CB)	0.18	-5.26 <b>Œ</b>	0.19 13/11	2018 0.19	92 0.1	18 0.192	0.18	0.182	600@0.208			1,000	2	181.80	1,116.00	0.157 0.43	32 376
22,996,875 1.25			24/06/2011 02/02/2016		NEXANS HELLAS SA (CR)	1.65	1.23 #	1.63 13/11	2018 1.6	54 1.6	1.66	1.65	1.641 7450@1.62	1055@1.67		2017	1,930	26	3,167.00	37,944.84	1.13 1.8	82 273
3,953,090 0.300	0.11	0.2	0.16 30/08/2018 05/12/2012		PAPERPACK (CR)	3.1	¬	3.1 13/11	2018 -				442@3.02	10@3.20	8.78	2017				12,254.58	2.2 3.	3.7 272
57,434,884 1.31			05/06/2008 12/06/2009		REDS S.A. (CR)	0.81	3.18 #	0.785 13/11	2018 0.7	78 0.7	77 0.81	0.81	0.795 575@0.770	98@0.810			825	6	656.00	46,522.26	0.72 1.0	05 863
6,456,530 1.08			04/07/2018 02/08/2010		SPACE HELLAS SA (CR)	5.25	¬	5.25 13/11	2018 5.2	25 5.2	25 5.25	5.25	5.25 279@5.00	411@5.20			60	2	315.00	33,896.78	3.6 7.2	25 <b>957</b>
80,690,653 0.500			25/04/2014 22/12/2016		TRASTOR REAL EST. INV. CO.(CR)	0.8	¬	0.8 13/11	2018 0	.8 0	.8 0.8	8.0	0.8 9989@0.800	285@0.835	-(6)-	2017	11	1	8.80	64,552.52	0.685 0.	).9 867
417,608 16.00			0.75 05/04/2018 05/03/2013		ANDROMEDA SA (CR)	19.8	¬	19.8 13/11	2018 -				52@20.00	10@21.60	3.94	2017				8,268.64	18 23.	3.6 <b>898</b>
15,300,000 0.300			30/07/2009 13/12/1999		ATTICA PUBLICATIONS SA (CR)	0.505		0.505 13/11	2018 -				60@0.460	94@0.505						7,726.50	0.45 0.6	66 555
18,810,000 0.400			08/07/2010 14/11/2007		VARVERIS - MODA BAGNO SA (CR)	0.49	¬	0.49 13/11	2018 -					14915@0.442						9,216.90	0.442 0.4	49 235
23,986,500 1.05			26/06/2009 15/03/2000		BIOKARPET S.A.(CR)	0.52	¬	0.52 13/11	2018 0.5	52 0.5	52 0.52	0.52	0.52	550@0.520			100	1	52.00	12,472.98	0.296 0.70	05 372
4,968,600 2.88			01/07/1998 14/12/1998		VIS SA (CR)	0.935	¬	0.935 13/11	2018 -				1000@0.850			2017				4,645.64	0.72 1.0	03 272
6,325,000 0.600		0.11	0.15 03/07/2018 17/02/2014		VOGIATZOGLOU SYSTEMS SA (CR)	1.92	-8.57 <b>Œ</b>	2.1 13/11	2018 1.9	92 1.9	92 2	2	1.922	944@1.89			615	2	1,182.00	12,144.00	1.36 2.3	32 279
8,418,750 0.300	0.12	0.3	0.28 19/06/2018 27/06/2012		GEKE SA (CB)	4.7	¬	4.7 13/11	2018 4.9	92 4.9	92 4.92	4.92	4.92 200@4.70	20@4.94	15.77	2017	5	1	24.60	39,568.13	4.38 5.	5.9 575
15,000,000 0.300			06/07/2007 18/07/2000		DAIOS PLASTICS SA (CR)	2.8		2.8 13/11	2018 2.7	72 2.7	72 2.8	2.8	2.773 150@2.72	100@2.80			150	2	416.00	42,000.00	2.52 2.8	88 135
34,720,000 0.310			16/06/2010 01/08/2007		DROMEAS SA (CR)	0.204	-0.97 <b>Œ</b>	0.206 13/11	2018 0.20	0.19	0.224	0.204	0.204 100@0.200	829@0.204			3,844	19	785.07	7,082.88	0.18 0.35	52 372
255,494,534 3.00	0.2035	0.2	0.22 08/05/2018 23/12/2015		NBG PANGAEA (CR)	4.72		4.72 13/11	2018 4.7	72 4.7	72 4.72	4.72	4.72 500@4.30	94@4.80			66	2	311.52	1,205,934.20	4.26 5.2	25 <b>867</b>
3,307,500 0.710			11/08/2010 15/12/2017		ELVE SA (CR)	3.3	-1.20 <b>Œ</b>	3.34 13/11	<b>2018</b> 3.0	06 3.0	02 3.3	3.3	3.245 522@3.12	5@3.30			1,000	5	3,245.36	10,914.75	2.48 3.5	58 376
31,734,530 1.60			09/07/2007 19/07/2006		ELGEKA SA (CR)	0.145	¬	0.145 13/11	2018 -				5850@0.131	15@0.142						4,601.51	0.126 0.26	64 357
23,828,130 0.500	0.16	0.052	0.06 18/07/2018 17/02/2009		ELINOIL S.A. (CR)	1.3	¬	1.3 13/11	2018 -				130@1.27	344@1.35						30,976.57	1.25 1.9	95 53
26,730,187 0.520			0.04 09/07/2018 01/08/2017		ELTON SA (CR)	1.2	¬	1.2 13/11	2018 -				100@1.18	1392@1.20	15.46	2017				32,076.22	1.09 1.7	71 135
14,050,971 0.340			13/12/2017 21/02/2018		ELTRAK SA (CR)	2	¬	2 13/11	2018 -				600@1.96	400@2.12						28,101.94	2 3.8	82 275
27,503,677 0.630	0.06	0.1	0.12 30/05/2018 18/10/1999		EUROPEAN RELIANCE INSUR. (CR)	3.38	-0.59 <b>Œ</b>	3.4 13/11	2018 3.3	38 3.3	3.41	3.38	3.393 1232@3.38	50@3.40			4,187	19	14,206.08	92,962.43	3.26 4.0	05 853
86,735,980 0.310			06/07/2009 02/01/2002		ATHENS MEDICAL CENTER SA (CR)	1.01	-0.98 <b>Q</b>	1.02 13/11	2018 0.9	99 0.9	7 1.03	1	1.004 833@0.990	600@0.995			12,793	49	12,843.85	87,603.34	0.965 1.6	62 453
8,298,467 0.400			30/08/1993 08/05/2013		IDEAL GROUP SA (CR)	0.835		0.835 13/11	2018 -				1400@0.760							6,929.22	0.675 0.99	95 957
2,566,836 0.440			13/08/2010 09/01/2007		INTERWOOD-XYLEMPORIA (PR)	0.066		0.066 13/11	2018 -				18451@0.073							3,178.24	0.060.072	25 235
34,986,430 0.440			25/07/2008 23/02/2010		INTERWOOD-XYLEMPORIA (CR)	0.086		0.086 13/11	2018 0.08	35 0.08	35 0.085	0.085	0.085 1226@0.080	1364@0.090			1,243	1	105.66	3,178.24	0.078 0.14	48 235
7,500,000 0.330			19/06/2015 11/07/2018		S.KANAKIS SA (CR)	3.66		3.66 13/11	2018 3.6	54 3	.6 3.66	3.66	3.645 50@3.60	530@3.66	12.49	2017	1,105	8	4,028.20	27,450.00	3.16 4.	1.2 357
9,742,920 0.400	0.01		12/08/2016 14/07/2000		KARAMOLEGOS SA (CR)	1.7	¬	1.7 13/11	2018 -					7797@1.70						16,562.96	1.62 2.4	46 357

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Wednesday, 14 November, 2018

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Number of Outstanding Securities Nominal Value		idends [* 2016	Date of La 2017 Dividend [2]		Note	Shares	Closing price	% change	Previous closing price/date	Open price		rice Last Avg nax price price	Last Bid [7]	Last Ask [7]	P/E after	Year	Volume	rades ·	Transactions Value[8]	Company Mkt Value (thou. €)	Year Year S low high	Sector 4]
14,679,792 1.68		0.07	28/06/201	7 04/09/2000		KARATZIS SA (CR)	5.75		5.75 13/11/2018	5.75	5.75	5.75 5.75	5.75 50@5.85	30@6.25			77	1	442.	75 84,408.80	5.2 7.95	272
2,760,000 11.83	8.5	9.2	9.2 23/07/201	8 16/07/1990		KARELIA TOBACCO CO. SA (CB)	256	¬	256 13/11/2018				2@250.00	50@254.00						706,560.00	244 306	378
6,700,000 0.800	0.023	0.028	0.028 28/06/2013	8 29/05/2014		MILLS KEPENOS (CR)	1.3	¬	1.3 13/11/2018				209@1.32	100@1.40	28.10	2017				8,710.00	1.17 2	357
40,219,218 0.300			02/07/2018	8 09/07/2013		KLOUKINAS - LAPPAS SA (CR)	0.548	4.58 #	0.524 13/11/2018	0.52	0.52	0.55 0.55	0.542 3000@0.538	2551@0.550			4,440	19	2,408.	57 22,040.13	0.512 0.842	235
11,510,102 0.890			24/06/200	5 06/10/1999		NAFPAKTOS TEXTILE IND. SA (CB)	0.476		0.476 13/11/2018				150@0.464	2000@0.500						5,478.81	0.31 0.665	376
21,224,340 0.420		0.01	0.005 10/09/2018	8 25/04/2006		KORDELLOS BROS SA (CR)	0.346		0.346 13/11/2018				100@0.320	3444@0.340	36.42	2017				7,343.62	0.3 0.555	175
29,480,000 0.420			19/07/2010	0 01/08/2007		KRETA FARM SA (CR)	0.458	0.66 #	0.455 13/11/2018	0.46	0.442	0.46 0.458	0.447 100@0.452	229@0.460			3,996	19	1,785.0	06 13,501.84	0.44 0.84	357
18,017,472 0.360			15/06/2010	0 28/08/2017		KTIMA KOSTAS LAZARIDIS SA (CR)	0.745		0.745 13/11/2018				1700@0.675	15@0.745						13,423.02	0.5 0.8	353
21,364,000 1.12			0.2 28/06/2018	8 10/08/2005		LAMPSA HOTEL SA (CR)	18.2		18.2 13/11/2018	18.1	17.8	18.2 18 1	17.889 250@17.80	178@18.20			195	5	3,488.3	388,824.80	16.5 19	575
5,939,268 0.620			10/07/2003	3 03/01/2002		LANAKAM SA (CR)	0.33		0.33 13/11/2018					150@0.330		2017				1,959.96	0.228 0.57	376
8,321,682 0.670			17/08/200	7 23/11/1999		N. LEVEDERIS SA (CB)	0.165		0.165 13/11/2018					350@0.165		2017				1,956.42	0.125 0.208	175
2,160,524 0.670	0.0436	0.0436	07/08/201	7 23/11/1999		N. LEVEDERIS SA (PB)	0.27		0.27 13/11/2018				3000@0.256	8000@0.296		2017				1,956.42	0.182 0.3	17
17,120,280 0.940			01/06/2010	0 09/07/2018		LOULIS MILLS SA (CR)	2.06	3.00 #	2 13/11/2018	2.06	2.06	2.06 2.06	2.06 500@1.98	499@2.04			55	3	113.3	35,267.78	1.9 2.56	35
106,980,050 2.25			25/07/2008	8 24/02/2014		MINOAN LINES SA (CR)	2.4		2.4 13/11/2018	2.34	2.34	2.4 2.4	2.384 9856@2.34	5809@2.40			19,144	20	45,636.9	96 256,752.12	2.24 2.64	57
11,700,000 0.360			02/06/200	9 04/07/2018		MOTODYNAMICS S.A. (CR)	0.785		0.785 13/11/2018				1500@0.780	1213@0.850						9,184.50	0.61 1.2	53
32,188,050 1.04			21/07/2008	8 20/01/2000		EL. D. MOUZAKIS SA (CB)	0.27		0.27 13/11/2018	0.27	0.27	0.27 0.27	0.27 11683@0.270	200@0.290			50,750	53	13,702.	50 8,690.77	0.258 0.446	37
6,340,000 0.600			31/10/2018	8 06/11/2017		NAKAS MUSIC	1.6		1.6 13/11/2018	1.44	1.44	1.44 1.44	1.44 470@1.44	4@1.60	13.48	2017	20	2	28.8	30 10,144.00	1.15 1.85	53
3,873,120 0.300			07/07/2008	8 04/10/2012		DRUCKFARBEN HELLAS (CR)	0.92		0.92 13/11/2018				1@1.01							3,563.27	0.83 1.4	13
10,080,000 3.00	0.58	0.49	0.45 05/07/2018	8 27/08/2001		TPA SA (CR)	26.5	1.53 #	26.1 13/11/2018	26.3	26	26.5 26.5 2	26.092 1@26.10	230@26.50	36.88	2017	2,901	69	75,694.3	30 267,120.00	22.8 31.4	27
4,971,466 1.46			04/07/200	7 08/10/2003		PAIRIS SA (CR)	0.17	¬	0.17 13/11/2018				700@0.162	490@0.180						845.15	0.085 0.446	27
7,070,400 0.930			30/11/2010	6 06/05/2016		PETROPOULOS PETROS (CR)	6.6		6.6 13/11/2018	6.54	6.54	6.6 6.6	6.599 100@6.50	999@6.60			489	5	3,227.	10 46,664.64	5.02 6.68	27
27,379,200 0.300 (	(0.1808)		0.148 20/07/2018	8 24/08/2018		CRETE PLASTICS SA (CR)	11.9	¬	11.9 13/11/2018				500@11.40	50@12.70						325,812.48	9.05 15.2	13
21,912,599 0.300			11/04/201	1 23/02/2007		REVOIL (CR)	0.442	-2.64 <b>Œ</b>	0.454 13/11/2018	0.45	0.416	0.45 0.442	0.432 58@0.446	2500@0.498			11,599	22	5,011.9	96 9,685.37	0.384 0.69	53
4,181,450 0.500			21/08/200	0 05/03/2002		FLOUR MILLS SARANTOPOULOS SA	A 0.57	¬	0.57 13/11/2018				500@0.515	664@0.625						2,383.43	0.52 0.7	35
28,438,268 0.300			21/08/200	6 24/11/1999		SPIROY AGRICULTURE SA (CR)	0.236		0.236 13/11/2018					1500@0.220						6,711.43	0.159 0.384	13
Exchange Trad	ded Fu	ınds	(ETFs)																			
642,382				15/06/2016		ALPHA ETF FTSE Athex Large Cap	16.68	-2.51 <b>Œ</b>	17.11 13/11/2018	16.68	16.68	16.68 16.68	16.68				1	1	16.0	58	16.12 22.9	120
Surveillance																						
5,867,311 0.300			11/08/2010	0 28/04/2017	5123	DIONIC (CR)	0.75		0.75 13/11/2018					1191@0.600						4,400.48	0.179 0.935	27
163,854,177 0.300				19/09/2016	5161	Forthnet (CR)	0.246		0.246 13/11/2018					1000@0.238						40,308.13	0.0915 0.446	95
355,437,751 0.360			07/07/2010	0 21/09/2017	5160	FRIGOGLASS SA (CR)	0.135	-4.26 <b>Œ</b>	0.141 13/11/2018	0.137	0.135	0.142 0.135	0.136 8720@0.135	120@0.142		2016	11,887	22	1,618.9	98 47,984.10	0.132 0.266	27
51,081,030 1.00			20/08/200	7 03/09/2007	4912	LAVIPHARM SA (CR)	0.146		0.146 13/11/2018	0.146	0.146	0.146 0.146	0.146 1999@0.125	4000@0.140			2,200	2	321.2	20 7,457.83	0.12 0.25	45
4,419,616 1.58			21/07/201	1 04/03/2015	4983	MEDICON S.A (CR)	1.15		1.15 13/11/2018				200@1.15	552@1.38						5,082.56	0.66 1.5	45
14,967,940 0.500			21/05/2008	8 04/01/2008	4956	PASAL DEVELOPMENT S.A. (CR)	0.09	-12.62 <b>Œ</b>	0.103 13/11/2018	0.09	0.09	0.09 0.09	0.09 3000@0.088	99@0.100			10,600	3	954.0	00 1,347.11	0.06 0.142	86
65,326,268 0.530			04/07/200	7 19/07/2006	4750	SATO SA (CR)	0.03	¬	0.03 13/11/2018	0.024	0.024	0.024 0.024	0.024 5000@0.025				16	1	0.3	38 1,959.79	0.024 0.082	37
13,191,620 0.620			04/08/2010	0 09/09/2002		YALCO - CONSTANTINOU SA (CB)	0.178		0.178 13/11/2018					303@0.143						2,348.11	0.0565 0.181	37
33,301,715 0.320			27/06/2003	3 08/07/2009	5195	AEGEK (CR)	0.03		0.03 13/11/2018	0.024	0.024	0.025 0.025	0.024 410@0.027	3030@0.036			2,762	11	66.3	38 999.05	0.024 0.09	23
13,000,000 1.00			01/08/200	7 07/04/2000	5093	AKRITAS SA (CR)	0.278	¬	0.278 13/11/2018	0.23	0.23	0.23 0.23	0.23 10@0.230	197@0.332			50	5	11.5	3,614.00	0.12 0.52	23

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

Section 2, 4/6

Year: 139 Trading Day No: 219 Wednesday, 14 November, 2018

Number of Outstanding Securities Nominal Value		dends [1] 2016 201	Date of Last Coupon 7 Dividend [2] Right	Note Shares	Closing price	% change	Previous closing price/date	Open price		e Last Av x price pric		Last Ask [7]	P/E after	Year	Volume			Company Mkt Value (thou. €)	Year Year Sector[ low high 4]
185,373,016 0.300			02/07/2008 28/02/2011	4957 ANEK LINES SA (CR)	0.051	2.00 #	0.05 13/11/2018	0.052	0.0495 0.0	52 0.051	0.05225054@0.051	2000@0.052			30,146	14	1,561.40	9,701.42	0.0495 0.1 5759
312,163 0.300			02/07/2008 28/02/2011	4959 ANEK LINES SA (PR, issue '90)	0.06	¬	0.06 13/11/2018					27@0.048						9,701.42	0.06 0.092 5759
2,969,713 0.300			02/07/2008 28/02/2011	4958 ANEK LINES SA (PR, issue '96)	0.077	7	0.077 13/11/2018					89@0.062						9,701.42	0.062 0.125 5759
4,737,503 0.320			22/06/2005 22/09/2015	5115 VARANGIS AVEPE S.A. (CR)	0.048		0.048 13/11/2018											227.40	0.034 0.17 3726
1,638,344 0.300			25/06/2002 09/10/2018	5162 VARVARESSOS SA (CB)	0.436	7	0.436 13/11/2018	0.42	0.42 0	.42 0.42	0.42	5@0.436		2017	1	1	0.42	714.32	0.225 1.08 3763
17,579,754 4.16			18/08/2006 02/08/2010	5156 BIOTER SA (CR)	0.092	7	0.092 13/11/2018	0.093	0.093 0.0	93 0.093	0.093 244@0.093	10000@0.100			500	1	46.50	1,617.34	0.05 0.144 2357
77,126,446 0.340			23/05/2005 18/08/2011	5094 G.E. DIMITRIOU (CR)	0.014		0.014 13/11/2018	0.0115	0.0115 0.0	15 0.0115	0.012 8999@0.012	2450@0.016			10,000	2	115.00	1,079.77	0.01 0.033 3722
15,878,748 0.480			10/07/2006 22/03/2004	5095 DOMIKI KRITIS SA (CR)	0.0605		0.061 13/11/2018	0.0485	0.0485 0.04	85 0.0485	0.049 5985@0.049	1689@0.072			15	1	0.73	960.66	0.0485 0.183 2357
3,961,300 1.28			29/06/2004 03/08/2000	5080 DUROS SA (CR)	0.236		0.236 13/11/2018	0.236	0.236 0.2	36 0.236	0.236	10@0.189		2017	100	1	23.60	934.87	0.12 0.3 3763
7,085,888 1.59			02/07/1996 06/09/2010	4690 ELVIEMEK (CR)	4.7		4.7 13/11/2018											33,303.67	4.7 4.7 8633
51,830,520 0.300			23/12/2003 24/01/2007	5197 SELECTED TEXT. IND. ASSOC (CR)	0.11		0.11 13/11/2018	0.106	0.106 0.	06 0.106	0.106 4000@0.106	1000@0.110		2016	263	2	27.88	5,701.36	0.105 0.276 3763
11,125,110 0.300			02/06/2010 06/11/2017	5178 EUROCONSULTANTS S.A. (CR)	0.198	¬	0.198 13/11/2018					160@0.180						2,202.77	0.12 0.535 2791
7,125,216 0.650			01/07/2005 14/12/1999	4955 KRE.KA SA (CR)	0.034	¬	0.034 13/11/2018				725@0.031			2017				242.26	0.031 0.338 3573
7,734,375 1.00			09/07/2007 07/01/2011	5112 LIVANIS SA (CR)	0.0455	¬	0.046 13/11/2018					3791@0.040						351.91	0.0165 0.122 5557
15,842,391 1.51			15/07/2009 12/05/2000	5141 BITROS HOLDING SA (CR)	0.191	¬	0.191 13/11/2018				500@0.153	4152@0.170						3,025.90	0.096 0.224 1757
119,596,817 0.300			15/07/2008 27/04/2017	5190 NIKAS SA (CR)	0.35	¬	0.35 13/11/2018				510@0.340							41,858.89	0.28 0.5 3577
24,319,250 0.300			09/07/2002 04/07/2007	5165 PROODEFTIKH SA (CR)	0.12	7	0.12 13/11/2018	0.096	0.096 0.	19 0.119	0.104 900@0.096	495@0.119			1,740	5	180.84	2,918.31	0.047 0.138 2357
10,186,667 1.35			24/06/2008 02/02/2016	4887 SIDMA SA (CR)	0.36	¬	0.36 13/11/2018					1405@0.360						3,667.20	0.232 0.46 1757
23,743,440 0.300			23/06/2008 24/07/2018	SFAKIANAKIS SA (CR)	0.38	¬	0.38 13/11/2018					700@0.456						9,022.51	0.25 0.6304 5379
766,000 1.00			01/07/2004 11/12/2012	5193 TRIA ALFA SA (CR)	2.2	¬	2.2 13/11/2018					165@2.20		2017				1,846.90	1.71 2.48 3763
245,000 1.00			19/07/2010 11/12/2012	5194 TRIA ALFA SA (PR)	0.66		0.66 13/11/2018				6000@0.660			2017				1,846.90	0.53 0.66 3763
Suspension Sta	atus																		
215,246,452 0.300			25/06/2001 24/09/2001	5164 ALTEC SA (CR)	0.012	7	0.012 30/11/2015											2,582.96	0.012 0.012 9533
20,255,805 0.300				5136 AXON HOLDING SA (CR)	0.058		0.058 28/04/2017											1,174.84	0.058 0.058 4533
21,820,410 0.800			22/05/2008 02/08/2011	5174 EUROMEDICA SA (CR)	0.448		0.448 30/04/2018											9,775.54	0.0825 0.45 4533
66,948,210 0.300				5179 FOLLI FOLLIE (CR)	4.8	¬	4.8 24/05/2018											321,351.41	4.8 19.9 5379
2,235,600 0.350				5180 AEOLIAN INVESTMENT FUND (CR)	0.41		0.41 19/07/2018											916.60	0.352 0.65 8985
5,000,000 0.400			03/06/2009 01/09/2014	5087 ALCO HELLAS SA (CR)	0.18		0.18 31/03/2015											900.00	0.18 0.18 1753
14,870,100 0.300			15/05/2008 26/09/2011	5130 ALPHA GRISSIN S.A. (CR)	0.014	7	0.014 13/04/2017											208.18	0.014 0.014 9533
81,644,555 0.300			01/07/2008 02/09/2002	5098 ATTI - KAT SA (CR)	0.012		0.012 29/05/2015											979.73	0.012 0.012 2357
20,121,710 1.21				5002 BALKAN R.E. (CR)	0.19	7	0.19 29/08/2013											3,823.12	0.19 0.19 8633
33,930,000 0.300				4865 BABIS VOVOS SA (CR)	0.304	7	0.304 30/03/2012											10,314.72	0.304 0.304 8633
6,000,000 0.600			13/06/2008 08/04/2004	5172 EUROBROKERS S.A. (CR)	0.008	7	0.008 27/04/2018											48.00	0.007 0.008 8534
7,847,611 1.20				4939 EDRASIS - C. PSALLIDAS SA (CR)	0.15		0.15 29/11/2012					***						1,177.14	0.15 0.15 2357
36,748,909 0.730				5109 HEL. SUGAR INDUSTRY SA (CB)	0.075		0.075 29/02/2016												0.075 0.075 3577
30,390,000 0.310				5099 HELLENIC FISHFARMING SA (CR)	0.07		0.07 02/06/2015											2,127.30	0.07 0.07 3573
24,619,524 0.500				4914 KERAMIA-ALLATINI (CR)	0.088		0.088 30/08/2012											2,166.52	0.088 0.088 8633
66,937,526 0.700				5003 MICHANIKI SA (CR)	0.1		0.1 29/08/2013											9,186.78	0.1 0.1 2357
25,968,987 0.700				5004 MICHANIKI SA (PR)	0.096		0.096 29/08/2013												0.096 0.096 2357
					2.070													.,	

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

Number of Outstanding Securities Nominal Value	Div 2015	vidends [1 2016	Date of Las Dividend [2]	' No	te Shares	Closing price	% change	Previous closing price/date	Open price	Price min	Last Avg price price	t Bid [7]	Last Ask [7]	P/E after	Year	Volume	Trades	Transactions Value[8]	Company Mkt Value (thou. €)	Year low	Year Sector high 4]	r[
25,179,640 0.600			08/08/1994	19/09/2000 5	91 J.BOUTARIS & SON HOLD. SA (CB	0.026		0.026 01/10/2018			 	 							742.45	0.02	1 0.066 35	35
1,540,000 0.600			08/08/1994	19/09/2000 5	92 J.BOUTARIS & SON HOLD. (PB)	0.057		0.057 01/10/2018			 	 							742.45	0.05	7 0.09 35	35
23,935,280 0.300			29/06/2009	13/06/2000 5	53 NAYTEMPORIKI PUBLISHING SA(0	CR) 0.107		0.107 02/10/2017			 	 							2,561.07	0.10	7 0.107 55	57
255,459,600 0.300			26/06/2000	03/12/2010 5	01 NEL SA (CR)	0.07		0.07 31/08/2015			 	 							17,882.17	0.0	7 0.07 57	59
23,463,874 0.800			23/05/2003	3 21/12/1999 49	18 NEORION SA (CR)	0.125		0.125 30/08/2012			 	 							2,932.98	0.12	0.125 27	53
18,750,000 0.300			02/07/2001	31/12/2012 5	54 PEGASUS PUBLISHING S.A. (CR)	0.089		0.089 02/10/2017			 	 							1,668.75	0.08	0.089 55	57
144,688,060 0.600			21/04/2008	3 10/03/2010 4	82 T BANK (CR)	0.048		0.052 # 29/11/2011			 	 							6,945.03	0.04	3 0.048 83	55
284,465,964 3.70			20/06/2008	3 15/06/2009 49	13 TT HELLENIC POSTBANK (CR)	0.168		0.239 #29/08/2012			 	 							47,790.28	0.16	3 0.168 83	55
13,920,000 0.320			19/11/2001	01/08/2000 4	26 TEXAPRET SA (CR)	0.08		0.08 28/02/2011			 	 							1,113.60	0.0	3 0.08 37	63
100,793,572 0.300			16/07/2009	11/02/2016 5	10 TELETIPOS SA (CR)	0.06		0.06 07/03/2016			 	 							6,047.61	0.0	5 0.06 55	53
510,840 1.00			15/07/2008	3 21/11/2013 50	36 TROPEA HOLDING (CR)	2		0.02 #30/03/2012			 	 							1,021.68	3	2 2 37	22
4,034,950 0.680			01/07/2005	30/12/2010 5	71 CHATZIKRANIOTIS & SONS SA (CI	R) 0.14		0.14 27/04/2018			 	 							564.89	0.10	2 0.18 35	77

Daily Official ListYear: 139 Trading Day No: 219Section 2: Shares' NotesWednesday, 14 November, 2018

#### Shares' Notes

#### Code Note text

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

Daily Official ListYear: 139 Trading Day No: 219Section 2: Shares' NotesWednesday, 14 November, 2018

Shares	s' N	otes
Code		Note text
5161	-	Transfer to the Surveillance Category as of 25/11/2011.
5162	-	Transfer to the Under Supervision Category as of 21/12/2009.
5164	-	Suspension of trading as of 01/12/2015.
5165	-	Transfer to the Surveillance Category as of 15/02/2018.
5171	-	Suspension of trading as of 30/04/2018.
5172	-	Suspension of trading as of 30/04/2018.
5174	-	Suspension of trading as of 02/05/2018.
5178	-	Transfer to the Surveillance Category as of 11/05/2018.
5179	-	Suspension of trading as of 25/05/2018.
5180	-	Transfer to the Surveillance Category as of 29/05/2018.
5190	-	Transfer to the Surveillance Category as of 01/10/2018.
5191	-	Suspension of trading as of 02/10/2018.
5192	-	Suspension of trading as of 02/10/2018.
5193	-	Transfer to the Surveillance Category as of 25/10/2018.
5194	-	Transfer to the Surveillance Category as of 25/10/2018.
5195	-	Transfer to the Surveillance Category as of 01/12/2017.
5197	-	Transfer to the Surveillance Category as of 07/11/2018.

Daily Official List				Year: 139 Trading D	ay No: 219
Section 3: Figures of Securities Transactions				Wednesday, 14 Nove	mber, 2018
Securities Blocks Details					
Securities	Block Volume	Price	Block Trade Value	Time of approval	Note
JUMBO SA (CR)	27,587	12.73	351,182.51	11:12:39	20
ALPHA BANK (CR)	1,400,000	1.24	1,736,000.00	12:31:53	20
ALPHA BANK (CR)	500,000	1.24	620,000.00	13:39:04	20

# **Blocks Notes**

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: 139 Trading Day No: 219Section 3: Figures of Securities TransactionsWednesday, 14 November, 2018

**Shares Rights Details** 

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

No Rights Transactions.

Daily Official List				Year: 139 Trading [	Day No: 219
Section 3: Figures of Securities Transactions				Wednesday, 14 Nove	ember, 2018
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 List
Section 3: Figures of Securities Transactions

Year: 139 Trading Day No: 219
Wednesday, 14 November, 2018

Forced Sales Registered Shares

Transactions Transactions Start Date End Date Initial Remaining Avg price Avg price Number of Securities Date Volume Trades Volume (day) (period) Volume 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: 139	Trading [	Day No: 219
Section 3: Figures of Securities Transactions								Wednesday	, 14 Nove	ember, 2018
Exchange Traded Funds (ETFs) Cl	haracteristics									
	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	14/11/2018	5,000	629,082	13,300		642,382	10,899,700.00	16.9676	0.43	30/06/2018

# ETFs Notes

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

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

Daily Official List

Section 5: Bonds traded in Fixed Income Assets Market

Year: 139 Trading Day No: 219

Wednesday, 14 November, 2018

# Convertible Corporate Bonds - Regulated Market

Num Listed Bonds	Nominal price	Issue price	Today's Rate	Exp. Date	Duration (years)	Note		upon Preffered	Tradin g Corporate Bonds	Price min F	Price max	Closing price	Previous ci price/da	Volume	Transactions Value	Last or Price	rder Buy / Sell	Date	ear min	Year max
179,991,941	0.30	0.30	1.00	11/10/2025	9		9		1 FORTHNET S.A. (Convertible)					 		1.0000	В	13/06/201	3 100.0000	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

Year: 139 Trading Day No: 219 Wednesday, 14 November, 2018

Non Convertible Corporate Bonds - Regulated Market

		•		•																				
Num Listed Bonds	Nominal price	Issue price	Today's Rate	Exp. Date	Duration (years)	Note	Common	oupon Preffered	Tradi g	<sup>n</sup> Corporate Bonds	Accrued Yield Int.	d.T.Mat	Price min	Price max	Closing price	Previous price		Volume	Transactions Value	Last or Price	der Buy / Sell	Date	ear min	Year max
300,000	1,000.00	1,000.00	3.10	27/06/2022	5		3		1	MYTILINEOS HOLDINGS S.A. (Non Convertible)	12.2278 2	.6790	101.0000	101.1000	101.0182	101.1370	13/11/2018	76,000	77,703.11	100.9700	0 B	14/11/2018	100.2928	103.4800
40,000,000	1.00	1.00	5.00	04/10/2021	5		9		1	HOUSEMARKET S.A. (Non Convertible)	0.0060 3	3.8130	102.0000	102.1700	102.0521	102.1660	13/11/2018	70,000	71,854.54	102.0310	0 B	14/11/2018	98.9369	105.1000
50,000	1,000.00	1,000.00	4.25	20/06/2022	5		3		1	SYSTEMS SUNLIGHT S.A. (Non Convertible)	17.4722 4	.0970				99.7000	13/11/2018			98.5212	! В	14/11/2018	98.0000	103.2000
200,000	1,000.00	1,000.00	3.50	21/03/2022	5		4		1	O.P.A.P. S.A. (Non Convertible)	5.4444 2	2.5300	102.5700	102.5700	102.5700	102.6620	13/11/2018	2,000	2,062.29	102.5700	0 B	14/11/2018	101.5875	103.1500
60,000	1,000.00	1,000.00	3.85	21/07/2022	5		3		1	TERNA ENERGY FINANCE S.A. (Non Convertible)	12.4056 3	.2900	101.3000	101.3000	101.3000	101.3880	13/11/2018	48,000	49,219.47	101.3000	0 B	14/11/2018	99.3154	103.4900
25,000	1,000.00	1,000.00	4.95	26/06/2023	5		1		1	B&F COMM. & GARM. INDUS. S.A. (Non Convertible)	19.6625 6	.2080				95.0000	13/11/2018			94.5222	! В	14/11/2018	95.0000	100.0000
90,000	1,000.00	1,000.00	3.00	11/05/2023	5		2		1	CORAL A.E. (Non Convertible)	0.3333 2	.8560	100.4000	101.1000	100.4000	100.8580	13/11/2018	111,000	111,565.11	100.2100	0 B	14/11/2018	100.0000	101.3500
120,000	1,000.00	1,000.00	3.95	04/04/2025	7		2		1	GEK TERNA S.A. (Non Convertible)	4.7181 4	.0450	99.0000	99.2010	99.0025	99.2840	13/11/2018	79,000	78,584.74	99.0000	) В	14/11/2018	99.0025	102.9900

#### 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 Section 5, 1/1

Daily Official List

Section 5: Bonds traded in Fixed Income Assets Market

Year: 139 Trading Day No: 219 Wednesday, 14 November, 2018

# **Government Bonds**

Number Listed Bonds	Nominal price	Today's Rate	Accrued Interest Calc	Exp. Date [1]	Duration (years)	Note	Coupons Date	Curr. coupon value	Tradin Unit	Government Bonds		rice min	Price max	Closing price	Previous closing price/date	Volume	Transactions Value	Price	Last orde Buy / Sel	
3,000,000	1,000.00	4.38	Actual/Actual	01/08/2022	5		01/08	4.38	1	GGB-FXD-010822-05Y-4.375-1,000		-						55.0001	В	12/12/2017
4,355,990,324	1.00	3.50	Actual/Actual	30/01/2023	5		01/02 - 31/01	3.50	1	GGB-FXD-300123-05Y-3.500-1.00		-			94.5720 13/07/2018			83.0001	В	18/12/2017
5,962,747,327	1.00	3.75	Actual/Actual	30/01/2028	10		/02 - 01/02 - 31/	3.75	1	GGB-FXD-300128-10Y-3.750-1.00		-			85.4610 13/07/2018			77.0001	В	18/12/2017
6,091,218,404	1.00	3.90	Actual/Actual	30/01/2033	15		/02 - 01/02 - 31/	3.90	1	GGB-FXD-300133-15Y-3.900-1.00		-			78.6730 13/07/2018			70.0001	В	18/12/2017
4,805,399,486	1.00	4.00	Actual/Actual	30/01/2037	19		/02 - 01/02 - 31/	4.00	1	GGB-FXD-300137-19Y-4.000-1.00		-			77.0370 13/07/2018			69.0001	В	18/12/2017
4,603,713,186	1.00	4.20	Actual/Actual	30/01/2042	24		/02 - 01/02 - 31/	4.20	1	GGB-FXD-300142-24Y-4.200-1.00		-			77.7640 13/07/2018			67.0001	В	18/12/2017
550,418,123	1.00	3.00	Actual/Actual	24/02/2023	11		24/02	3.00	1	GGB-FXD-240223-11Y-2.000-1.00		-			10.0000 22/06/2015					
445,007,576	1.00	3.00	Actual/Actual	24/02/2024	12		24/02	3.00	1	GGB-FXD-240224-12Y-2.000-1.00		-			10.0000 22/06/2015					
423,674,226	1.00	3.00	Actual/Actual	24/02/2025	13		24/02	3.00	1	GGB-FXD-240225-13Y-2.000-1.00		-			10.0000 22/06/2015					
212,292,153	1.00	3.00	Actual/Actual	24/02/2026	14		24/02	3.00	1	GGB-FXD-240226-14Y-2.000-1.00		-			10.0000 22/06/2015					
160,621,352	1.00	3.00	Actual/Actual	24/02/2027	15		24/02	3.00	1	GGB-FXD-240227-15Y-2.000-1.00		-			10.0000 22/06/2015					
183,244,055	1.00	3.00	Actual/Actual	24/02/2028	16		24/02	3.00	1	GGB-FXD-240228-16Y-2.000-1.00		-			10.0000 22/06/2015					
164,802,894	1.00	3.00	Actual/Actual	24/02/2029	17		24/02	3.00	1	GGB-FXD-240229-17Y-2.000-1.00		-			10.0000 22/06/2015					
165,460,943	1.00	3.00	Actual/Actual	24/02/2030	18		24/02	3.00	1	GGB-FXD-240230-18Y-2.000-1.00		-			10.0000 22/06/2015					
129,007,241	1.00	3.00	Actual/Actual	24/02/2031	19		24/02	3.00	1	GGB-FXD-240231-19Y-2.000-1.00		-			10.0000 22/06/2015					
126,192,683	1.00	3.00	Actual/Actual	24/02/2032	20		24/02	3.00	1	GGB-FXD-240232-20Y-2.000-1.00		-			10.0000 22/06/2015					
146,905,168	1.00	3.00	Actual/Actual	24/02/2033	21		24/02	3.00	1	GGB-FXD-240233-21Y-2.000-1.00		-			10.0000 22/06/2015					
154,475,606	1.00	3.00	Actual/Actual	24/02/2034	22		24/02	3.00	1	GGB-FXD-240234-22Y-2.000-1.00		-			10.0000 22/06/2015					
144,429,441	1.00	3.00	Actual/Actual	24/02/2035	23		24/02	3.00	1	GGB-FXD-240235-23Y-2.000-1.00		-			10.0000 22/06/2015					
166,211,676	1.00	3.00	Actual/Actual	24/02/2036	24		24/02	3.00	1	GGB-FXD-240236-24Y-2.000-1.00		-			10.0000 22/06/2015					
145,461,669	1.00	3.00	Actual/Actual	24/02/2037	25		24/02	3.00	1	GGB-FXD-240237-25Y-2.000-1.00		-			10.0000 22/06/2015					
146,941,087	1.00	3.00	Actual/Actual	24/02/2038	26		24/02	3.00	1	GGB-FXD-240238-26Y-2.000-1.00		-			10.0000 22/06/2015					
135,115,612	1.00	3.00	Actual/Actual	24/02/2039	27		24/02	3.00	1	GGB-FXD-240239-27Y-2.000-1.00		-			10.0000 22/06/2015					
141,909,637	1.00	3.00	Actual/Actual	24/02/2040	28		24/02	3.00	1	GGB-FXD-240240-28Y-2.000-1.00		-			10.0000 22/06/2015					
136,788,720	1.00	3.00	Actual/Actual	24/02/2041	29		24/02	3.00	1	GGB-FXD-240241-29Y-2.000-1.00	-	-			10.0000 22/06/2015					
163,643,410	1.00	3.00	Actual/Actual	24/02/2042	30		24/02	3.00	1	GGB-FXD-240242-30Y-2.000-1.00		-			10.0000 22/06/2015					
742,153	1,000.00	0.93 FLR	Actual/360	10/08/2019	5		10/02 - 10/08		1	GGB-FLT-100819-05Y-0.934-1,000	-	-						50.0001	В	12/12/2017
3,000,000	1,000.00	3.38	Actual/Actual	15/02/2025	7		15/02	3.38	1	GGB-FXD-150225-07Y-3.375-1.000		-								
2,456,470	1,000.00	4.75	Actual/Actual	17/04/2019	5		17/04	4.75	1	GGB-FXD-170419-05Y-4.750-1,000		-								

#### **Government Bonds Notes**

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

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

FLR: Floating Interest Rate.

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

Hellenic Exchanges – Athens Stock Exchange S.A.

Daily Official List

Year: 139 Trading Day No: 219

Section 5: Bonds traded in Fixed Income Assets Market

Wednesday, 14 November, 2018

# Treasury Bills & Zero Coupon Government Bonds

				13-V	Veek Maturi	ty							26-V	Veek Maturi	ty							52-W	Veek Maturii	у			
Issue Date	Exp. Date	Initial Rate	Num Listed Bonds	Nominal price	Issue price	Last 1 Price	rade Date	Volume Traded	Note	Exp. Date	Initial Rate	Num Listed Bonds	Nominal price	Issue price	Last <sup>-</sup> Price	Frade Date	Volume Traded	Note	Exp. Date	Initial Rate	Num Listed Bonds	Nominal price	Issue price	Last T Price	rade Date	Volume Traded	Note
16/03/2018																			15/03/2019	1.25	1,000,000	1,000.00	987.52				
15/06/2018																			14/06/2019	1.09	1,000,000	1,000.00	989.10				
14/09/2018				***			***					***							13/09/2019	1.09	1,000,000	1,000.00	989.10	***			

Daily Official List

Year: 139 Trading Day No: 219
Section 5: Government Bonds Traded with the Open Outcry Method

Wednesday, 14 November, 2018

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 days	Last C Price	outcry in Ca Buy / Sel	. ,	Trades in Pieces	Life min	Life Max
Corporate	Bonds in Foreig	n Currenc	y and Euro	)													
103,746	GBP / 10	01/12	0.25		59	1	01/12/1930	98	2.5	360 National Mortgage Bank	2.27 05/02/1996	2.2	S	05/02/1996		2.27	2.27
0	GBP / 10	01/12	0.25		61	1	01/12/1928	100	2.5	360 National Mortgage Bank							

#### **Government Bonds Notes**

A.I.C: Accrued Interest Calculation base.

FLR: Floating Interest Rate.

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

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Section 5, 1/1

# Athex & ATHEXClear Members List

Member Name				Stock Market		Derivat	ives Market	ATHE	XClear Member
Address	Phone	Fax	Market	Remote	Market	Proprietary	Market	General	Direct
		· un	Member	Member	Maker	Trophotary	Maker	Clearing	Clearing
A. SARRIS SECURITIES S.A.	20 21022/7700	210 2212224	а						
6, DRAGATSANIOU ATHINA ALPHA BANK A.E.	+30 2103367700	210-3312324						а	
40, STADIOU STR ATHINA	(210)-3260000	(210)-3264116						a	
-to, STABIOG STRATIIIWA	(210)-3265546	(210)-3265811							
103, AVE. ATHINON ATHINA	+30 2103436820	210-3436270							
ALPHA FINANCE INVESTMENT SERVICES S.A.	+30 2 103430020	210-3430270	а		а	а	а		а
5, MERLIN ATHINA	+30 2103677400	210-33311193				•	•		
ARDU PRIME SECURITIES S.A			а			а			
12-14, KARAGIORGI SERVIAS ATHINA	+30 2103800820	210-3000854							
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							
AXIA VENTURES GROUP LTD			а	а					
, KRANIDIOTI 10, OFFICE 102 NICOSIA	+357 22742000	357 22742001							
AXON SECURITIES S.A.			а			а			
48, STADIOU ATHINA	+30 2103363800	210-3243903							
BANK OF AMERICA MERRILL LYNCH			а	а					
2 , KING EDWARD STREET LONDON	+44 20276281000								
BETA SECURITIES S.A.			а		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.	00.000000	00.045.55	а			а			
58, MITROPOLEOS ATHINA	+30 2103369700	+30 210 3369820							
CFS SECURITIES-INVESTMENT SERVICES S.A.	.20.2102240000	. 20 210 22/2022	а						
3, PAPARRIGOPOULOU ATHINA	+30 2103360800	+30 210-3360980							
CITIGROUP GLOBAL MARKET LTD  1, CITIGROUP CENTER , CANADA SQ., CANARY WHARF LONDON	+44 02079864000		а	а					
	TTT UZU17004UUU		а	а					
CREDIT SUISSE SECURITIES (EUROPE) LIMITED  1 , CABOT SQUARE LONDON	+44 2078888888		a	a					
CYCLOS SECURITIES S.A.	144 207 0000000		а			а			а
39, PANEPISTIMIOU ATHINA	+30 2103364300	+30 210-3239122							
DEUTSCHE BANK S.A.		_	а	а		а			
1 , GREAT WINCHESTER STREET LONDON	+44 20 754 54209	00441133361437							
DYNAMIC SECURITIES S.A.			а			а			а
8, OMIROU ATHINA	+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 STR. ATHINA	(210)-3337969	(210)-3245916							
	(210)-3337000	(210)-3233866							
8, OTHONOS ATHINA	+30 2103337000	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, PALAIOLOGOU CHALANDRI	(210)-6879400	(210)-6879401							
7, PALEOLOGOU CHALANDRI	+30 2106879400	210-6879401							
G. A. PERVANAS SECURITIES-INVESTMENT SERVICES CO S.A.	20.04007277	210 2212	а						
7-9, SOFOKLEOUS ATHINA	+30 2103727200	210-3210-291							
GLOBAL CAPITAL SECURITIES AND FINANCIAL SERVICES LTD	. 257 20742742	257 2022022	а	а					
50, AVE. ARCHIEPISKOPOU MAKARIOU NICOSIA	+357 22710710	357 22339332		-					
HELLENIC BANK (INVESTMENTS) LTD	257 22500100	257 22500110		а					
, AVE.KYRIAKOU MATSI 31 - PO BOX 24747 NICOSIA	+357 22500100	357 22500110				-			
HELLENIC-AMERICAN SECURITIES S.A. 27, ANDREA PAPANDREOU ATHINA	+30 2103311100	+30 210-3215968	а		а	а			а
HSBC FRANCE	T30 Z 1033 I I 100	r30 2 10°32 13700						а	
109-111, AVE. MESOGION ATHINA	+30 2106960000	210-6929336						а	
INDEX SECURITIES S.A.	130 2 130 700000	210 0727000	а						
6, DRAGATSANIOU ATHINA	+30 2103213920	+30 210-3213216							
-,	.00 2.00210720	. 50 2 10 02 102 10							

# Athex & ATHEXClear Members List

1, CHRISTOU LADA ATHINA	Derivatives I	Market ATHE	XClear Memb
23 , EGIALIAS & PARADISOU MAROUSI		flarket General Maker Clearing	Direct Clearing
OHR MAVRIKIS SECURITIES S.ASOFORLEOUS ATHINASOFORLEOUS ATHIN	a a	a a	
SOFOKLEOUS ATHINA  430 2103216730  210 3217767  APPA SECURITIES S.A.  50 AGION THEODORON ATHINA  430 2103212947  430 210-3241002  ARAMANOF SECURITIES AND INVESTMENT SERVICES S.A.  50 AGION THEODORON ATHINA  430 2103212947  430 210-3241088  ANI KIFINANCIAL SERVICES LTD  4 A 20 2103212947  430 210-3211088  ANI KIFINANCIAL SERVICES LTD  50 A 50 EURITIES S.A.  60 A 500 2103213276  60 A 500 2103213276  60 A 20 210-3211118  60 A ECURITIES S.A.  60 A ECURITIES S.A.  60 A ECURITIES S.A.  60 A ECURITIES S.A.  60 A SOFOKLEOUS ATHINA  60 A 2104071110  60 A 20 210407110			
APPA SECURITIES S.A.  ; VALAORITOU ATHINA  *30 2103678600 *30 210-3641002  ARAMANOR SECURITIES AND INVESTMENT SERVICES S.A.  \$5. ACIGN THEODORON ATHINA  *30 2103212947 *30 210-3217088  ***  ***  ***  ***  ***  ***  ***			
5, VALAORITOU ATHINA  ARAMANADS ECCURITIES AND INVESTMENT SERVICES S.A.  ARIC FINANCIAL SERVICES LTD  A APEL YRONDOS NICOSIA  BIOLINIES S.A.  AIRI FINANCIAL SERVICES LTD  BA APEL YRONDOS NICOSIA  AIRI FINANCIAL SERVICES LTD  A APEL YRONDOS NICOSIA  BIOLINIES S.A.  CHRISTOU LADA ATHINA  A 30 2103213276 + 30 210-3211618  BEGA EQUITY SECURITIES S.A.  CHRISTOU LADA ATHINA  A 30 2103213276 + 30 210-3211618  BEGA EQUITY SECURITIES S. FINANCIAL SERVICES PUBLIC LTD  2-44, AVE. GRIVA DIGEN NICOSIA  BEGA EQUITY SECURITIES S. FINANCIAL SERVICES PUBLIC LTD  2-44, AVE. GRIVA DIGEN NICOSIA  A 30 2103213913 - 30 210-8971830  CHRISTOSCOHOIDIS STOCK BROKERAGE I.S.S.A.  3-50FOKLEOUS ATHINA  A 30 2103213913 - 30 210-3216115  ATIONAL BANK OF GREECE S.A.  8. AKADINIA'S STR. ATHINA  (210)-3328817 (210)-3328678  6. AIRICIAL SERVICES S.A.  4. BIOLINIA STR. ATHINA  (210)-3328010 (210)-3228187  ATIONAL SECURITIES S.A  6. KIFISIAS AVE. BUILDING A ATHINA  130 2103350599 + 30210-3254846  MEPLUS CAPITAL LIMITED  ANTELAKIS SECURITIES S.A.  ANERIKIS SECURITIES S.A.  AMERIKIS STR. ATHINA  (210)-3335000 (210)-33350079  AMERILIS STR. ATHINA  (210)-3335000 (210)-3335009  AMERILIS STR. ATHIN			
ARAMANOF SECURITIES AND INVESTMENT SERVICES S.A.  S.O. AIGION THEODORON ATHINA  *30 2103212947 *30 210-3217088  ***  *** *** *** *** *** *** *** **	а		
S.G. AGION THEODORON ATHINA  #30 2103212947			
ARI FINANCIAL SERVICES LTD 6, AVE. WYRONOS NICOSIA 357 22367367 357 2271867  BEON DEPOLAS SECURITIES S.A. CHRISTOU LADA ATHINA 430 2103213276 430 210-3271618  BEGA EQUITY SECURITIES & FINANCIAL SERVICES PUBLIC LTD 2-44, AVE. GRIVA DICEMI NICOSIA 150 214, AVE. GRIVA DICEMI NICOSIA 150 210 22711711 150 2271181 150 2271181 150 2271181 150 2271181 150 2271181 150 2271181 150 2271181 150 2271181 150 2271181 150 2271181 15	а		
6. AVE. VYRONOS NICOSIA  357 22367367  357 22718567  EON DEPOLAS SECURITIES S. A.  . CHRISTOULADA ATHINA  430 2103213276  430 210-3211618  EERIT SECURITIES S. A.  . S. OFOKLEOUS ATHINA  . S. OSFOKLEOUS ATHINA  . S. OSFOKLEOUS ATHINA  . CIRMYSSOCHOBIOS STOCK BROKERAGE I.S.S.A.  . 9. SOFOKLEOUS ATHINA  . CIRMYSSOCHOBIOS STOCK BROKERAGE I.S.S.A.  . 9. SOFOKLEOUS ATHINA  . CIRMYSSOCHOBIOS STOCK BROKERAGE I.S.S.A.  . 9. SOFOKLEOUS ATHINA  . CIRMYSSOCHOBIOS STOCK BROKERAGE I.S.S.A.  . 9. SOFOKLEOUS ATHINA  . CANDOL STR. ATHINA  . (210)-3328877  . (210)-3328877  . (210)-3328877  . (210)-3328878  . (210)-3228187  . (21			
EON DEPOLAS SECURITIES S.A. CHRISTOU LADA ATHINA  *30 2103213276 *30 210-3211618  ***EGA EQUITY SECURITIES & FINANCIAL SERVICES PUBLIC LTD  ***2-44, AVE. GRIVA DICENI NICOSIA  ***2-64, AVE. GRIVA DICENI NICOSIA  ***30 21041008800 *210-6971830  ***1.00 EVERT SECURITIES S.A. SOFORLEOUS ATHINA  ***30 2103213913 *30 210-3216115  ***1.00 ALCHRYSSOCHOIDIS STOCK BROKERAGE I.S.S.A. ***9, SOFORLEOUS ATHINA  ***1.00 LORING STOCK BROKERAGE I.S.S.A. ***30 2103213913 *30 210-3216115  ***1.00 ALGHRYSSOCHOIDIS STOCK BROKERAGE I.S.S.A. ***30 2103213913 *30 210-3216115  ***1.00 ALGHRYSSOCHOIDIS STOCK BROKERAGE I.S.S.A. ***30 2103213913 *30 210-3216115  ***1.00 ALGHRYSSOCHOIDIS STOCK BROKERAGE I.S.S.A. ***30 2103213913 *30 210-3216115  ***1.00 ALGHRYSSOCHOIDIS STOCK BROKERAGE I.S.S.A. ***1.00 ALGHRYSSOCHOIDIS ST.A. **1.00			
CHRISTOU LADA ATHINA  +30 2103213276 +30 210-3211618  ECA EQUITY SECURITIES & FINANCIAL SERVICES PUBLIC LTD  2-44, AVE. GRIVA DIGEN I NICOSIA  +357 22711711 357 22711811  EREIT SECURITIES S.A  SOFOKLEOUS ATHINA  +30 2141008800 210-6971830  -CHRYSSOCHOIDIS STOCK BROKERAGE I.S.S.A  9, SOFOKLEOUS ATHINA  +30 2103213913 +30 210-3216115  ATIONAL BANK OF GREECE S.A.  8, AKADIMIAS STR. ATHINA  (210)-3328817 (210)-3328817  (210)-3328817  ATIONAL SECURITIES S.A  6, AIOLOU STR. ATHINA  (210)-3341000 (210)-3228187  ATIONAL SECURITIES S.A  6, KIFISIAS AVE, BUILDING A ATHINA  +30 2107720000 +30 210-7720002  UNITIUS BROKERAGE AND INVESTMENT SERVICES S.A  10, DRAGATSANIOU ATHINA  +30 2103350599 +30210-3254846  NE PLUS CAPITAL LIMITED			
REGA EQUITY SECURITIES & FINANCIAL SERVICES PUBLIC LTD 2-44, AVE. GRIVA DIGENI NICOSIA 357 22711711 357 22711811 244, AVE. GRIVA DIGENI NICOSIA 358 2141008800 210-6971830 359 210-6971830 350 210-6971830 350 210-6971830 350 210-6971830 350 210-6971830 350 210-6971830 350 210-6971830 350 210-6971830 350 210-6971830 350 210-6971830 350 210-6971830 350 210-6971830 350 210-6971830 350 210-6971830 350 210-6971830 350 210-6971830 350 210-3232817 350 210-3232817 350 210-3232817 350 210-3232817 350 210-3232817 350 210-3232817 350 210-32328187 350 210-6929550 350 210	a a		
2-44, AVE. GRIVA DIGENI NICOSIA			
2-44, AVE. GRIVA DIGENI NICOSIA	а		
RERIT SECURITIES S.A , SOFOKLEOUS ATHINA			
SOFOKLEOUS ATHINA	a a		а
CHRYSSOCHOIDIS STOCK BROKERAGE I.S.S.A.  9, SOFOKLEOUS ATHINA  +30 2103213913  +30 210-3216115  ATIONAL BANK OF GREECE S.A.  3, AKADIMIAS STR. ATHINA  (210)-3328817 (210)-3328678  5, KIFISIAS AVE, BUILDING A ATHINA  (210)-3341000  (210)-3228187  ATIONAL SECURITIES S.A  5, KIFISIAS AVE, BUILDING A ATHINA  +30 2103750599  +30 210-7720002  UNTIUS BROKERAGE AND INVESTMENT SERVICES S.A  DRAGATSANIOU ATHINA  +30 2103350599  +30 210-3254846  BRE PLUS CAPITAL LIMITED  75 PRODROMOU AVENUE, ONEWORLD PARKVIEW HOUSE, 3RD FLOOR\$ WIZER73760  ANTIELAKIS SECURITIES S.A  7, ETHNIKIS ANTISTASIS B CHALANDRI  #30 2103670700  #30 210-6929550  #40 210-3935079  #40 210-3355079  #40 2			
19, SOFOKLEOUS ATHINA	a		а
ATIONAL BANK OF GREECE S.A. 8, AKADIMIAS STR. ATHINA (210)-3328817 (210)-3328817 (210)-3328817 (210)-3328817 (210)-3328817 (210)-3228187 ATIONAL SECURTITES S.A (5, KIFISIAS AVE , BUILDING A ATHINA (210)-3341000 (210)-3228187 ATIONAL SECURTITES S.A (5, KIFISIAS AVE , BUILDING A ATHINA (210)-3341000 (210)-3228187  ATIONAL SECURITIES S.A (5, KIFISIAS AVE , BUILDING A ATHINA (210)-3350599 (210)-3254846  AND PLUS CAPITAL LIMITED (75 PRODROMOU AVENUE, ONEWORLD PARKVIEW HOUSE, 3RD FLOORS \$\frac{1}{2}\text{2}\tex			_
8, AKADIMAS STR. ATHINA (210)-3328817 (210)-3328678 6, AIOLOU STR. ATHINA (210)-3341000 (210)-3228187 ATIONAL SECURITIES S.A 6, KIFISIASS AVE , BUILDING A ATHINA (210)-3341000 (210)-3228187 ATIONAL SECURITIES S.A 6, KIFISIASS AVE , BUILDING A ATHINA (210)-3340000 (210)-3228187  ATIONAL SECURITIES S.A 1, DRAGATSANIOU ATHINA (210)-33550599 (210)-3254846  THE PLUS CAPITAL LIMITED (210)-23554846 THE PLUS CAPITAL LIMITED (210)-3355999 (210)-3254287 THE PLUS CAPITAL LIMITED (210)-3355990 (210)-3254287 THE PLUS CAPITAL LIMITED (210)-3355918 (210)-3254207 THE PLUS CAPITAL LIMITED (210)-3355019 THE PLUS	a a	а	
AND COUNTER ATHINA  (210)-3341000  (210)-3228187  ATIONAL SECURITIES S.A  5, KIFISIAS AVE , BUILDING A ATHINA  430 2107720000  430 210-7720002  430 210-7720002  430 210-7720002  430 210-3254846  NEE PLUS CAPITAL LIMITED  75 PRODROMOU AVENUE, ONEWORLD PARKVIEW HOUSE, 3RD FLOGR\$\$122873760  ANTELAKIS SECURITIES S.A.  7, ETHNIKIS ANTISTASIS B CHALANDRI  430 2103670700  430 210-6929550  430 210-6929550  430 210-6929550  430 210-3335018  430 2103335000  210-6929550  430 210-3335079  AMERIKIS STR ATHINA  430 2103335000  (210)-3335079  AMERIKIS ATHINA  430 2103335000  210-3335079  AMERIKIS ATHINA  430 2103335000  210-3335079  AMERIKIS ATHINA  430 2103354100  210-3335079  AMERIKIS SCURITIES S.A.  7, EXABLINIA  430 2103354100  210-3335079  AMERIKIS STR ATHINA  430 2103354100  210-3335079  AMERIKIS ATHINA  430 2103354100  210-3355179  AMERIKIS STR ATHINA  430 2103677044  430 210-6926403  RELIUM INVESTMENT SERVICES S.A.  42, KIFISIAS ATHINA  430 2103677044  430 210-6926403  ROCHOICE SECURITIES LTD  7, SPYROY KYPRIANOY NICOSIA  4357 22554200  4357 22750852  430 210-6926404  ARELINK SECURITIES FINANCIAL SERVICES LTD  7, THEOTOKI MEGARO ELLINA NICOSIA  430 210-690600  210-6926401  210-3335079  210-6926403  210-335079  210-335	u	a	
ATIONAL SECURITIES S.A 6, KIFISIAS AVE , BUILDING A ATHINA 430 2107720000 430 210-7720002  UNTIUS BROKERAGE AND INVESTMENT SERVICES S.A DRAGATSANIOU ATHINA 430 2103350599 430210-3254846  NE PLUS CAPITAL LIMITED 75 PRODROMOU AVENUE, ONEWORLD PARKVIEW HOUSE, 3RD FLOOR\$\(\mathbb{M}\)\(22873760\)  ANTELAKIS SECURITIES S.A. 7, CETHNIKIS ANTISTASIS B CHALANDRI 18 ABUS SECURITIES S.A. 7, VALAORITOU & MERIKIS ATHINA 18 A10 2103670700 19 A10 210-3670760  RAELUS BANK S.A. AMERIKIS STR ATHINA 19 2103335918 (210)-3254207 AMERIKIS ATHINA 19 2103335000 210-3335079  RAEUS SECURITIES S.A. 0, STADIOU ATHINA 19 2103354100 210-33354170  RELIUM INVESTMENT SERVICES S.A. 42, KIFISIAS ATHINA 19 2103677044 19 A30 210-3754170  RELIUM INVESTMENT SERVICES S.A. 43 A10 2103677044 19 A30 210-6926403  ROCHOICE SECURITIES LTD 7, SPYROY KYPRIANOY NICOSIA 19 A357-224-661192 19 A357-224-662464  HARELINK SECURITIES LTD 7, THEOTOKI MEGARO ELLINA NICOSIA 19 A357 22554200 19 A357 22750852 20 A3142138697  OLIDUS SECURITIES S.A 17 COURS VALMY 92987 PUTEAUX - LA DEFENSE PARIS 13 157290504 19 A3142138697  OLIDUS SECURITIES S.A 4, LOUZIS RIANCOUR ATHINA 19 2106-6985421			
\$ KIFISIAS AVE , BUILDING A ATHINA			
DUNTIUS BROKERAGE AND INVESTMENT SERVICES S.A  DRAGATSANIOU ATHINA  #30 2103350599  #30210-3254846  ARE PLUS CAPITAL LIMITED  #A #A #30 2103350599  #30210-3254846  ARE PLUS CAPITAL LIMITED  #A #A #30 2103350599  #30210-3254846  #A #4 #30 2103350599  #30210-3254846  #A #4 #30 2106965000  #4 #30 2106929550  #4 #4 #4 #4 #4 #4 #4 #4 #4 #4 #4 #4 #4 #	a a	а	
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REPLUS CAPITAL LIMITED 75 PRODROMOU AVENUE, ONEWORLD PARKVIEW HOUSE, 3RD FLOOR\$\$\\$\\$\\$\\$\\$\\$\\$\\$\\$\\$\\$\\$\\$\\$\\$\\$\\$\			
### PRODROMOU AVENUE, ONEWORLD PARKVIEW HOUSE, 3RD FLOOR   #### PRODROMOU AVENUE, ONEWORLD PARKVIEW HOUSE, 3RD FLOOR   #### PRODROMOU AVENUE, ONEWORLD PARKVIEW HOUSE, 3RD FLOOR   #### PRODROMOU AVENUE, ONE			
ANTELAKIS SECURITIES S.A. 7, ETHNIKIS ANTISTASIS B CHALANDRI +30 2106965000 210-6929550  EGASUS SECURITIES S.A 7, VALAORITOU & AMERIKIS ATHINA +30 2103670700 +30 210-3670760  IRAEUS BANK S.A. AMERIKIS STR ATHINA (210)-3335918 (210)-3254207 AMERIKIS STR. ATHINA (210)-3335000 (210)-3335079 AMERIKIS ATHINA +30 2103354100 210-3335079  IRAEUS SECURITIES S.A. 0, STADIOU ATHINA +30 2103354100 210-3354170  RELIUM INVESTMENT SERVICES S.A. 42, KIFISIAS ATHINA +30 2103677044 +30 210-3954170  ROCHOICE SECURITIES LTD 7, SPYROY KYPRIANOY NICOSIA +357-24-661192 +357-24-662464  HARELINK SECURITIES-FINANCIAL SERVICES LTD 1, THEOTOKI MEGARO ELLINA NICOSIA +357 22554200 +357 22750852  OCIETE GENERALE S.A. 17 COURS VALMY 92987 PUTEAUX - LA DEFENSE PARIS 0, LOUIZIS RIANCOUR ATHINA +30 2106900600 210-6985421			
7, ETHNIKIS ANTISTASIS B CHALANDRI  430 2106965000  210-6929550  210-6929550  210-6929550  210-6929550  210-6929550  210-33550760  210-33570760  210-33570760  210-3355079  210-3335079  210-3335079  210-3335079  210-3335079  210-3335079  210-3335079  210-3335079  210-3335079  210-3335079  210-3335079  210-3335079  210-3335079  210-3335079  210-3335079  210-3335079  210-3335079  210-3354170  21			
EGASUS SECURITIES S.A 7, VALAORITOU & AMERIKIS ATHINA +30 2103670700 +30 210-3670760  IRAEUS BANK S.A.  AMERIKIS STR ATHINA (210)-3335918 (210)-3254207  AMERIKIS STR ATHINA (210)-3335000 (210)-3335079  AMERIKIS ATHINA +30 2103335000 210-3335079  IRAEUS SECURITIES S.A. 0, STADIOU ATHINA +30 2103354100 210-3354170  RELIUM INVESTMENT SERVICES S.A. 42, KIFISIAS ATHINA +30 2103677044 +30 210-3354170  ROCHOICE SECURITIES LTD 7, SPYROY KYPRIANOY NICOSIA +357-24-661192 +357-24-662464  HARELINK SECURITIES-FINANCIAL SERVICES LTD 1, THEOTOKI MEGARO ELLINA NICOSIA +357 22554200 +357 22750852  OCIETE GENERALE S.A. 17 COURS VALMY 92987 PUTEAUX - LA DEFENSE PARIS 0 LIDUS SECURITIES S.A 4, LOUIZIS RIANCOUR ATHINA +30 2106900600 210-6985421	a a	а	
7 , VALAORITOU & AMERIKIS ATHINA			
RAEUS BANK S.A.  , AMERIKIS STR ATHINA  (210)-3335918  (210)-3335079  , AMERIKIS STR. ATHINA  (210)-3335000  (210)-3335079  , AMERIKIS ATHINA  (210)-3335000  (210)-3335079  , AMERIKIS ATHINA  (210)-3335000  (210)-3335079  RAEUS SECURITIES S.A.  (210)-3335079  RAEUS SECURITIES S.A.  (210)-3335000  (210)-3335079  RELIUM INVESTMENT SERVICES S.A.  (210)-335507  RELIUM INVESTMEN	а		
, AMERIKIS STR ATHINA (210)-3335918 (210)-3254207 , AMERIKIS STR. ATHINA (210)-3335000 (210)-3335079 , AMERIKIS ATHINA +30 2103335000 210-3335079  IRAEUS SECURITIES S.A. 0, STADIOU ATHINA +30 2103354100 210-3354170  RELIUM INVESTMENT SERVICES S.A. 42, KIFISIAS ATHINA +30 2103677044 +30 210-6926403  ROCHOICE SECURITIES LTD +357-24-661192 +357-24-662464  HARELINK SECURITIES-FINANCIAL SERVICES LTD , THEOTOKI MEGARO ELLINA NICOSIA +357 22554200 +357 22750852  OCIETE GENERALE S.A. 17 COURS VALMY 92987 PUTEAUX - LA DEFENSE PARIS +33 157290504 +33142138697  OLIDUS SECURITIES S.A 4, LOUIZIS RIANCOUR ATHINA +30 2106900600 210-6985421			
AMERIKIS STR. ATHINA (210)-3335000 (210)-3335079  AMERIKIS ATHINA +30 2103335000 210-3335079  IRAEUS SECURITIES S.A. D, STADIOU ATHINA +30 2103354100 210-3354170  RELIUM INVESTMENT SERVICES S.A. 42, KIFISIAS ATHINA +30 2103677044 +30 210-6926403  ROCHOICE SECURITIES LTD 7, SPYROY KYPRIANOY NICOSIA +357-24-661192 +357-24-662464  HARELINK SECURITIES-FINANCIAL SERVICES LTD 7, THEOTOKI MEGARO ELLINA NICOSIA +357 22554200 +357 22750852  OCIETE GENERALE S.A. 17 COURS VALMY 92987 PUTEAUX - LA DEFENSE PARIS +33 157290504 +33142138697  OLIDUS SECURITIES S.A 4, LOUIZIS RIANCOUR ATHINA +30 2106900600 210-6985421	а	а	
AMERIKIS ATHINA +30 2103335000 210-3335079  IRAEUS SECURITIES S.A.  O, STADIOU ATHINA +30 2103354100 210-3354170  RELIUM INVESTMENT SERVICES S.A.  42, KIFISIAS ATHINA +30 2103677044 +30 210-6926403  ROCHOICE SECURITIES LTD  7, SPYROY KYPRIANOY NICOSIA +357-24-661192 +357-24-662464  HARELINK SECURITIES-FINANCIAL SERVICES LTD  7, THEOTOKI MEGARO ELLINA NICOSIA +357 22554200 +357 22750852  OCIETE GENERALE S.A.  17 COURS VALMY 92987 PUTEAUX - LA DEFENSE PARIS +33 157290504 +33142138697  OLIDUS SECURITIES S.A  4, LOUIZIS RIANCOUR ATHINA +30 2106900600 210-6985421			
RAELUS SECURITIES S.A.  0, STADIOU ATHINA  +30 2103354100  210-3354170  RELIUM INVESTMENT SERVICES S.A.  42, KIFISIAS ATHINA  +30 2103677044  +30 210-6926403  ROCHOICE SECURITIES LTD  7, SPYROY KYPRIANOY NICOSIA  HARELINK SECURITIES-FINANCIAL SERVICES LTD  7, THEOTOKI MEGARO ELLINA NICOSIA  +357 22554200  +357 22750852  COCIETE GENERALE S.A.  17 COURS VALMY 92987 PUTEAUX - LA DEFENSE PARIS  4, LOUIZIS RIANCOUR ATHINA  +30 2106900600  210-6985421			
0, STADIOU ATHINA +30 2103354100 210-3354170  RELIUM INVESTMENT SERVICES S.A.  42, KIFISIAS ATHINA +30 2103677044 +30 210-6926403  ROCHOICE SECURITIES LTD  7, SPYROY KYPRIANOY NICOSIA +357-24-661192 +357-24-662464  HARELINK SECURITIES-FINANCIAL SERVICES LTD  7, THEOTOKI MEGARO ELLINA NICOSIA +357 22554200 +357 22750852  OCIETE GENERALE S.A.  17 COURS VALMY 92987 PUTEAUX - LA DEFENSE PARIS +33 157290504 +33142138697  OLIDUS SECURITIES S.A  4, LOUIZIS RIANCOUR ATHINA +30 2106900600 210-6985421			
20, STADIOU ATHINA +30 2103354100 210-3354170  RELIUM INVESTMENT SERVICES S.A.  42, KIFISIAS ATHINA +30 2103677044 +30 210-6926403  ROCHOICE SECURITIES LTD  7, SPYROY KYPRIANOY NICOSIA +357-24-661192 +357-24-662464  HARELINK SECURITIES-FINANCIAL SERVICES LTD  7, THEOTOKI MEGARO ELLINA NICOSIA +357 22554200 +357 22750852  COCIETE GENERALE S.A.  17 COURS VALMY 92987 PUTEAUX - LA DEFENSE PARIS +33 157290504 +33142138697  COLIDUS SECURITIES S.A  4, LOUIZIS RIANCOUR ATHINA +30 2106900600 210-6985421	a a	а	а
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12, KIFISIAS ATHINA +30 2106900600 210-6985421  +30 2106926403  +30 2106926403  +30 2106926403  -30 2106926404  -30 2106926404	а		
7, SPYROY KYPRIANOY NICOSIA +357-24-661192 +357-24-662464  HARELINK SECURITIES-FINANCIAL SERVICES LTD			
7, SPYROY KYPRIANOY NICOSIA +357-24-661192 +357-24-662464  HARELINK SECURITIES-FINANCIAL SERVICES LTD			
HARELINK SECURITIES-FINANCIAL SERVICES LTD  , THEOTOKI MEGARO ELLINA NICOSIA  +357 22554200  +357 22750852  OCIETE GENERALE S.A.  17 COURS VALMY 92987 PUTEAUX - LA DEFENSE PARIS  OLIDUS SECURITIES S.A  4, LOUIZIS RIANCOUR ATHINA  +30 2106900600  210-6985421			
, THEOTOKI MEGARO ELLINA NICOSIA +357 22554200 +357 22750852  OCIETE GENERALE S.A.	a		
OCIETE GENERALE S.A.  17 COURS VALMY 92987 PUTEAUX - LA DEFENSE PARIS +33 157290504 +33142138697  OLIDUS SECURITIES S.A  4, LOUIZIS RIANCOUR ATHINA +30 2106900600 210-6985421			
17 COURS VALMY 92987 PUTEAUX - LA DEFENSE PARIS +33 157290504 +33142138697  DLIDUS SECURITIES S.A +30 2106900600 210-6985421	а		
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4, LOUIZIS RIANCOUR ATHINA +30 2106900600 210-6985421	а		а
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I. EIVI. LAVKEINTAKIS SECUKTITES S.A.			
20 200 2010 ATLINA	а		
9, SOFOKLEOUS ATHINA +30 2103213336 +30 210-3246572			
HE CYPRUS INVESTMENT & SECURITIES CORPORATION LTD  a  a			
4, LIMASSOL AVENUE, STROVOLOS NICOSIA +357 22121700 357 22338800			
BS LIMITED  a a  FINSBURY AVENUE LONDON  +44 2075687135			

# List of Stocks under Market Making operations

Securities  Market Maker	Stock Category Start Market Making
	Start Market Making
FOLLI FOLLIE (CR)	Suspension Status
NATIONAL SECURITIES S.A	17/02/2014
PIRAEUS SECURITIES S.A.	04/05/2015
NDME (IPTO) HOLDING S.A. (CR)	Main Market
PIRAEUS SECURITIES S.A.	29/06/2017
ALPHA BANK (CR)	Main Market
ALPHA FINANCE INVESTMENT SERVICES S.A.	29/02/2016
EUROBANK EQUITIES INVESTMENT FIRM S.A LEON DEPOLAS SECURITIES S.A.	24/10/2012 04/01/2016
MERIT SECURITIES S.A	03/09/2013
NATIONAL SECURITIES S.A	15/01/2013
PIRAEUS SECURITIES S.A.	28/05/2013
LUMIL (CR)	Main Market
BETA SECURITIES S.A.	18/07/2013
TTICA BANK S.A. (CR)	Main Market
BETA SECURITIES S.A.	02/06/2014
EUROXX SECURITIES S.A.	22/01/2016
PIRAEUS SECURITIES S.A.	20/09/2017
TTICA HOLDINGS (CR)	Main Market
HELLENIC-AMERICAN SECURITIES S.A.	28/12/2017
UTOHELLAS SA (CR)	Main Market
EUROXX SECURITIES S.A.	02/07/2018
YTE COMPUTER SA (CR)	Main Market
MERIT SECURITIES S.A	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
KTER SA (CR)	Main Market
EUROBANK EQUITIES INVESTMENT FIRM S.A	16/10/2017
LEON DEPOLAS SECURITIES S.A.	21/05/2018
LASTRON (CR)	Main Market
LEON DEPOLAS SECURITIES S.A.	20/02/2017
LLAKTOR (CR)	Main Market
EUROBANK EQUITIES INVESTMENT FIRM S.A	01/06/2013
EUROXX SECURITIES S.A.	24/09/2018
NATIONAL SECURITIES S.A	25/06/2013
PIRAEUS SECURITIES S.A.	22/10/2018
LTON SA (CR)	Main Market
BETA SECURITIES S.A.	03/09/2013
LVALHALCOR (CB)	Main Market
ALPHA FINANCE INVESTMENT SERVICES S.A.	07/05/2018
EUROBANK EQUITIES INVESTMENT FIRM S.A	07/05/2018
UROBANK ERGASIAS (CR)	Main Market
ALPHA FINANCE INVESTMENT SERVICES S.A.	08/01/2013
EUROBANK EQUITIES INVESTMENT FIRM S.A	01/06/2013
HELLENIC-AMERICAN SECURITIES S.A.	25/07/2014
MERIT SECURITIES S.A	06/11/2017
NATIONAL SECURITIES S.A	01/01/2017
PIRAEUS SECURITIES S.A.	28/09/2013
OURLIS (CR)	Main Market
EUROBANK EQUITIES INVESTMENT FIRM S.A	01/12/2016
EUROXX SECURITIES S.A.	01/12/2016
PIRAEUS SECURITIES S.A.	06/03/2017
EK TERNA (CR)	Main Market
HELLENIC-AMERICAN SECURITIES S.A.	07/09/2015
R. SARANTIS S.A. (CR)	Main Market
ALPHA FINANCE INVESTMENT SERVICES S.A.	19/06/2018
BETA SECURITIES S.A.	14/05/2013
EUROBANK EQUITIES INVESTMENT FIRM S.A	24/10/2016
RIVALIA PROPERTIES (CR)	Main Market
EUROBANK EQUITIES INVESTMENT FIRM S.A	20/09/2017
ELLENIC EXCHANGES-A.S.E. (CR)	Main Market
HELLENIC-AMERICAN SECURITIES S.A.	01/09/2014
	25/06/2013
NATIONAL SECURITIES S.A	23/00/2013
NATIONAL SECURITIES S.A PIRAEUS SECURITIES S.A.	04/05/2015

# List of Stocks under Market Making operations

Securities	Stock Category
Market Maker	Start Market Making
ELLENIC PETROLEUM (CR)	Main Market
HELLENIC-AMERICAN SECURITIES S.A.	14/09/2015
PIRAEUS SECURITIES S.A.	20/03/2017
/GEIA SA (CR)	Main Market
HELLENIC-AMERICAN SECURITIES S.A.	18/04/2016
TRACOM CONSTR. (CR)	Main Market
MERIT SECURITIES S.A	05/06/2018
TRACOM HOLDINGS (CR)	Main Market
ALPHA FINANCE INVESTMENT SERVICES S.A.	03/08/2018
LEON DEPOLAS SECURITIES S.A.	08/10/2018
TRALOT (CR)	Main Market
ALPHA FINANCE INVESTMENT SERVICES S.A.	03/07/2017
EUROBANK EQUITIES INVESTMENT FIRM S.A	18/12/2017
HELLENIC-AMERICAN SECURITIES S.A.	30/05/2018
PANTELAKIS SECURITIES S.A.	07/05/2018
PIRAEUS SECURITIES S.A.	28/09/2013
& P - AVAX SA (CR)	Main Market
EUROBANK EQUITIES INVESTMENT FIRM S.A	14/12/2015
IMBO 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
HELLENIC-AMERICAN SECURITIES S.A.	25/07/2014
LEON DEPOLAS SECURITIES S.A.	20/02/2017
PIRAEUS SECURITIES S.A.	02/02/2013
LS MULTIMEDIA SA (CR)	Main Market
HELLENIC-AMERICAN SECURITIES S.A.	07/12/2015
OTOR OIL (CR)	Main Market
HELLENIC-AMERICAN SECURITIES S.A.	01/09/2014
NATIONAL SECURITIES S.A	17/02/2014
PIRAEUS SECURITIES S.A.	04/05/2015
YTILINEOS HOLDINGS (CR)	Main Market
EUROBANK EQUITIES INVESTMENT FIRM S.A	20/09/2017
NATIONAL SECURITIES S.A	25/06/2013
PIRAEUS SECURITIES S.A.	04/05/2015
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.	20/04/2015
MERIT SECURITIES S.A	03/09/2013
NATIONAL SECURITIES S.A	28/02/2013
PIRAEUS SECURITIES S.A.	08/09/2013
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
MERIT SECURITIES S.A	20/03/2017
NATIONAL SECURITIES S.A	01/12/2012
PIRAEUS SECURITIES S.A.	08/09/2013
LIMEUU JEUNITEJ J.M.	06/09/2013

# List of Stocks under Market Making operations

Securities	Stock Category
Market Maker	Start Market Making
PAPOUTSANIS (CR)	Main Market
BETA SECURITIES S.A.	25/11/2013
PETROPOULOS PETROS (CR)	Main Market
BETA SECURITIES S.A.	28/05/2013
PIRAEUS BANK (CR)	Main Market
EUROBANK EQUITIES INVESTMENT FIRM S.A	23/10/2012
EUROXX SECURITIES S.A.	15/02/2016
MERIT SECURITIES S.A	16/09/2013
NATIONAL SECURITIES S.A	02/06/2013
PIRAEUS SECURITIES S.A.	16/02/2013
PLAISIO COMPUTERS SA (CR)	Main Market
BETA SECURITIES S.A.	05/05/2014
EUROBANK EQUITIES INVESTMENT FIRM S.A	02/03/2015
PPC (CR)	Main Market
ALPHA FINANCE INVESTMENT SERVICES S.A.	08/01/2013
ALPHA FINANCE INVESTMENT SERVICES S.A.	23/07/2018
EUROBANK EQUITIES INVESTMENT FIRM S.A	23/10/2012
HELLENIC-AMERICAN SECURITIES S.A.	28/12/2017
MERIT SECURITIES S.A	06/11/2017
NATIONAL SECURITIES S.A	26/03/2013
PIRAEUS SECURITIES S.A.	28/09/2013
QUALITY & RELIABILITY SA (CR)	Main Market
BETA SECURITIES S.A.	20/08/2014
QUEST HOLDINGS (CR)	Main Market
BETA SECURITIES S.A.	26/03/2018
S.KANAKIS SA (CR)	Main Market
BETA SECURITIES S.A.	01/10/2013
THRACE PLASTICS SA (CR)	Main Market
ALPHA FINANCE INVESTMENT SERVICES S.A.	26/03/2018
EUROBANK EQUITIES INVESTMENT FIRM S.A	26/03/2018
TITAN CEMENT (CR)	Main Market
NATIONAL SECURITIES S.A	17/02/2014
PIRAEUS SECURITIES S.A.	04/05/2015
VIOHALCO 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: 139 Trading Day No: 219
Section 7: Index Futures
Wednesday, 14 November, 2018

Underlying Asset									Derivatives Market			Life low Trades				
Price max   Price min   Closing price   change	Delivery Month	Open price I	Price max	Price min	Last price	Closing price	Last Bid	Last Ask	Fixing price	e*	Life high	Life low	Trades	Trades Volume		Open Interest
FTSE/Athex Large Cap																(Trade Unit: 1 Index Point x 2€, Cash Settlement)
1,698.31 1,658.39 1,668.72 -1.74%	November 2018	1,674.00	1,675.25	1,657.50	1,670.75	1,670.75			1,667.00		1,855.00		420	3,150		2,621
	December 2018	1,673.00	1,673.00	1,655.00	1,670.00	1,670.00			1,666.25		1,710.00		251	2,488		3,043
	January 2019	1,653.75	1,659.25	1,653.00	1,659.25	1,659.25			1,662.75		1,708.50		3	3		63
	March 2019					1,709.75										<del></del>
	June 2019					1,719.00										
	September 2019					1,727.75										<del></del>

#### 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

Wednesday, 14 November, 2018

Open Interest					ket	ivatives l	Der									g Asset	Underl
	Volume	Trades	e low	Life high Life	ixing price*		Last Ask	Last Bid	ing price	st price Clos	rice min Las	rice max P	Open price P	Delivery Month	change	Closing price	max Price mi
(Contract Size: 100 Securities, Physical Deliv															A. (CR)	DING S.	IE (IPTO) H
8,972	35	9		1.74	.67				1.66	1.66	1.64	1.66	1.65	December 2018	-0.48%	1.65	5 1.636
									1.67					March 2019			
									1.68					June 2019			
									1.69					September 2019			
(Contract Size: 100 Securities, Physical Deliv																)	HA BANK (
22,822	2,831	202		1.70	.26				1.25	1.25	1.22	1.27	1.26	December 2018	-2.96%	1.245	75 1.215
226				1.26	.28				1.29					March 2019			
									1.30					June 2019			
									1.31					September 2019			
(Contract Size: 100 Securities, Physical Deliv																. (CR)	CA BANK S
337				0.176	.132				0.138					December 2018	-2.62%	0.1338	39 0.13
									0.138					March 2019			
									0.139					June 2019			
									0.140					September 2019			
(Contract Size: 100 Securities, Physical Deliv																	IBC AG (CF
131	79	19		29.55	6.74				26.77	26.77	26.72	27.05	26.80	December 2018	-1.73%	26.67	07 26.65
									27.32					March 2019			
									27.47					June 2019			
									27.61					September 2019			
(Contract Size: 100 Securities, Physical Deliv															)	NGS (CB)	ERGY HOL
4,249	7	6		1.29	.13				1.11	1.11	1.11	1.11	1.11	December 2018	-1.06%	1.118	26 1.1
				1.28	.13				1.14					March 2019			
									1.14					June 2019			
									1.15					September 2019			
(Contract Size: 100 Securities, Physical Deliv																	AKTOR (CR
4,721	353	76		1.79	.26				1.26	1.26	1.25	1.29	1.25	December 2018	-6.22%	1.266	98 1.244
									1.36					March 2019			
									1.37					June 2019			
									1.37					September 2019			
(Contract Size: 100 Securities, Physical Deliv															R)	ASIAS (CI	OBANK ER
27,251	11,726	629		0.716	.549				0.551	0.551	0.521	0.568	0.568	December 2018	-9.84%	0.55	75 0.52
									0.614					March 2019			
									0.617					June 2019			
									0.621					September 2019			

Derivatives notes

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

Hellenic Exchanges – Athens Stock Exchange S.A.

Section 7, 1/5

Wednesday, 14 November, 2018

Open Interest					ırket	erivatives	ļ									ng Asset	Underlyi	
	Volume	Trades	e low	Life high Life	Fixing price*		Last Ask	Last Bid	ing price	st price Clos	rice min Las	rice max Pr	Open price Pr	Delivery Month	ce change	Closing price	Price min	Price ma
(Contract Size: 100 Securities, Physical Deliv												-					S.A. (CR)	EYDAP
660				5.53	5.29				5.19					December 2018	-0.19%	5.17	5.02	5.17
									5.22					March 2019				
									5.24					June 2019				
									5.27					September 2019				
(Contract Size: 100 Securities, Physical Deliv																	S (CR)	FOURL
138				5.77	4.75				4.65					December 2018	2.59%	4.76	4.575	4.76
									4.67					March 2019				
									4.70					June 2019				
									4.72					September 2019				
(Contract Size: 100 Securities, Physical Deliv																	RNA (CR)	GEK TI
4,880	145	8		5.30	4.77				4.69	4.69	4.67	4.71	4.67	December 2018	-0.84%	4.71	4.63	4.725
-				4.39	4.68				4.78					March 2019				
									4.81					June 2019				
									4.83					September 2019				
(Contract Size: 100 Securities, Physical Deliv															CR)	RTIES (0	IA PROPE	GRIVA
185				8.35	7.38				7.50					December 2018	-1.34%	7.38	7.36	7.41
7				8.38	7.40				7.53					March 2019				
									7.57					June 2019				
									7.61					September 2019				
(Contract Size: 100 Securities, Physical Deli															A.S.E. (CR)	NGES-A	IIC EXCH	HELLE
623	12	5		4.52	3.97				3.94	3.94	3.94	4.00	4.00	December 2018	-1.75%	3.93	3.9	3.97
									4.03					March 2019				
									4.05					June 2019				
									4.07					September 2019				
(Contract Size: 100 Securities, Physical Deli															CR)	LEUM (	IIC PETRO	HELLE
2,818	211	46		7.87	7.63				7.50	7.50	7.30	7.50	7.41	December 2018	-0.65%	7.67	7.47	7.73
15				7.34	7.61				7.77					March 2019				
									7.81					June 2019				
									7.85					September 2019				
(Contract Size: 57 Securities, Physical Deliv															R)	INGS (CI	OM HOLE	NTRA(
4,434	28	10		1.17	0.753				0.770	0.770	0.737	0.770	0.757	December 2018	-1.41%	0.772	0.755	0.775
									0.788					March 2019				
									0.793					June 2019				
									0.797					September 2019				

Derivatives notes

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Hellenic Exchanges – Athens Stock Exchange S.A.

Section 7, 2/5

Wednesday, 14 November, 2018

Open Interest						atives Market	Deriva									g Asset	Underlyin	
	Volume	Trades	e low	Life high Life	rice*	Fixing pr	Last Ask	Last Bid	sing price	st price Clos	Price min La	Price max F	Open price F	Delivery Month	e change	losing price	Price min C	Price ma
(Contract Size: 100 Securities, Physical Deli																	OT (CR)	INTRA
5,444	50	18		0.740		0.585			0.585	0.585	0.585	0.599	0.598	December 2018	-2.64%	0.59	0.587	0.6
									0.610					March 2019				
									0.613					June 2019				
<u></u>									0.616					September 2019				
(Contract Size: 100 Securities, Physical Deli																	SA (CR)	JUMBO
1,088	28	17		13.09		12.73			12.87	12.87	12.55	12.87	12.61	December 2018	1.72%	12.98	12.68	13.08
<del></del>									12.85					March 2019				
									12.92					June 2019				
									12.98					September 2019				
(Contract Size: 100 Securities, Physical Deli															A (CR)	MENT S	DEVELOP	LAMD/
1,953	46	17		6.95		6.03			6.03	6.03	5.95	6.04	5.95	December 2018	0.17%	6	5.93	6.07
									6.03					March 2019				
									6.06					June 2019				
									6.09					September 2019				
(Contract Size: 100 Securities, Physical Deli															OUP (CR)	ENT GR	INVESTMI	MARFI
51,383	212	16		0.101		0.075			0.074	0.074	0.072	0.075	0.074	December 2018	-3.47%	0.0724	0.0723	0.0749
2,000				0.092		0.076			0.076					March 2019				
									0.076					June 2019				
									0.076					September 2019				
(Contract Size: 100 Securities, Physical Deli																	OIL (CR)	MOTO
513	25	16		23.35		19.31			19.30	19.30	19.13	19.35	19.35	December 2018	0.00%	19.6	19.5	19.7
1				22.05		19.10			19.73					March 2019				
									19.84					June 2019				
									19.94					September 2019				
(Contract Size: 100 Securities, Physical Deli															CR)	INGS (0	EOS HOLE	MYTILI
7,025	255	46		9.05		8.17			8.16	8.16	8.06	8.18	8.10	December 2018	-0.37%	8.15	8.05	8.17
23				8.75		8.25			8.24					March 2019				
									8.28					June 2019				
									8.32					September 2019				
(Contract Size: 10 Securities, Physical Deli																CR)	AL BANK (	NATIO
243,972	41,394	513		2.30		1.21			1.22	1.22	1.17	1.34	1.34	December 2018	-13.20%	1.21	1.185	1.255
100	100	1		1.23		1.22			1.23	1.23	1.23	1.23	1.23	March 2019				
									1.41					June 2019				
									1.42					September 2019				

Derivatives notes

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Hellenic Exchanges – Athens Stock Exchange S.A.

Section 7, 3/5

Wednesday, 14 November, 2018

					larket	Derivative									ng Asset	Underlyiı	
Open Interest	Volume	Trades	low	Life high Life lo	Fixing price*		Last Bid L	ng price	t price Clos	rice min Las	rice max P	Open price Pr	Delivery Month	e change	Closing price	Price min	Price max
(Contract Size: 100 Securities, Physical Delive																R)	OPAP (0
2,743	188	23		9.67	8.50			8.49	8.49	8.45	8.54	8.51	December 2018	-0.82%	8.47	8.455	8.54
396				9.16	8.71			8.60					March 2019				
								8.64					June 2019				
								8.69					September 2019				
(Contract Size: 100 Securities, Physical Delive																)	OTE (CF
2,595	204	35		11.06	10.13			10.18	10.18	10.06	10.20	10.18	December 2018	0.10%	10.2	10.04	10.22
								10.26					March 2019				
								10.31					June 2019				
<u></u>								10.37					September 2019				
(Contract Size: 100 Securities, Physical Deliver																A. (CR)	P.P.A. S
294	1	1		16.84	15.48			15.50	15.50	15.50	15.50	15.50	December 2018	-1.66%	15.38	15.32	15.7
339				16.48	15.57			15.75					March 2019				
								15.83					June 2019				
								15.91					September 2019				
(Contract Size: 100 Securities, Physical Delive															CR)	S BANK (	PIRAEU
13,112	8,825	550		2.47	1.03			1.05	1.05	1.01	1.09	1.07	December 2018	-6.21%	1.042	1.01	1.092
8	80	7		1.25	1.05			1.04	1.04	1.03	1.11	1.11	March 2019				
								1.12					June 2019				
								1.13					September 2019				
(Contract Size: 100 Securities, Physical Deliver																)	PPC (CF
8,929	219	50		1.75	1.36			1.38	1.38	1.36	1.39	1.36	December 2018	-0.22%	1.386	1.356	1.386
50				1.36	1.38			1.40					March 2019				
								1.41					June 2019				
								1.41					September 2019				
(Contract Size: 100 Securities, Physical Delive															CR)	ENERGY	TERNA
5,940	17	17		6.52	6.20			6.24	6.24	6.17	6.24	6.17	December 2018	0.32%	6.24	6.14	6.24
								6.26					March 2019				
								6.30					June 2019				
								6.33					September 2019				
(Contract Size: 100 Securities, Physical Delive															CR)	EMENT (	TITAN C
185	65	18		22.26	19.71			19.68	19.68	19.41	19.72	19.56	December 2018	1.55%	19.68	19.36	19.84
								19.51					March 2019				
								19.62					June 2019				

Derivatives notes

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Hellenic Exchanges – Athens Stock Exchange S.A.

Section 7, 4/5

Market Operation & Development Division - Statistics & Information Services

Daily Official List
Year: 139 Trading Day No: 219
Section 7: Stock Futures
Wednesday, 14 November, 2018

	Underlyir	ng Asset									Derivat	tives Market					
Price max	Price min	Closing price	change	Delivery Month	Open price Pr	rice max I	Price min L	ast price Clos	ing price	Last Bid	Last Ask	Fixing price*	Life nign	Life low	Trades	Volume	Open Interest
VIOHAL	CO SA/NV	(CB)															(Contract Size: 100 Securities, Physical Delivery)
2.75	2.67	2.715	-0.73%	December 2018	2.73	2.73	2.68	2.71	2.71			2.71	3.17		35	189	5,409
				March 2019					2.75								
				June 2019					2.77								
				September 2019					2.78								

Derivatives notes

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

Wednesday, 14 November, 2018

FTSE/Athex Large Cap

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

							C	all Option	ns															Put O	ptions						
				Novemb	per 2018						Decemb				Other Months				Novem	ber 2018						Decemb				Other Months	
Excerise Price	Open price	Price max	Price min	Last price	Closing price	Volume	Open Interest	Open price	Price max	Price mir	n 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 Interes	t Excerise Price
1,500	0.00	0.00	0.00	-	198.00	-	-	0.00	0.00	0.00	-	196.00	-	-		0.00	0.00	0.00	-	0.02	-	-	0.00	0.00	0.00	-	0.42	-	-		1,500
1,525	0.00	0.00	0.00	-	173.00	-	-	0.00	0.00	0.00	-	171.00	-	20		0.00	0.00	0.00	-	0.01	-	-	0.00	0.00	0.00	-	0.96	-	-		1,525
1,550	0.00	0.00	0.00		148.00	-	-	0.00	0.00	0.00	-	147.00	-	20		0.00	0.00	0.00	-	0.01	-	43	0.00	0.00	0.00	-	2.00	-	20		1,550
1,575	0.00	0.00	0.00	-	123.00	-	-	0.00	0.00	0.00	-	124.00	-	-		0.00	0.00	0.00	-	0.01	-	86	0.00	0.00	0.00	-	3.90	-	20		1,575
1,600	0.00	0.00	0.00		97.50	-	-	0.00	0.00	0.00	-	102.00	-	4		0.00	0.00	0.00	-	0.01	-	11	0.00	0.00	0.00	-	7.00	-	28		1,600
1,625	0.00	0.00	0.00	-	73.00	-	5	0.00	0.00	0.00	-	82.00	-	40		0.00	0.00	0.00	-	0.02	-	226	20.00	21.00	20.00	21.00	21.00	2	88		1,625
1,650	18.00	18.00	15.00	17.50	17.50	14	27	44.00	44.00	44.00	44.00	44.00	4	106		4.00	18.00	4.00	4.00	4.00	40	357	31.00	31.00	31.00	31.00	31.00	1	141		1,650
1,675	10.00	10.00	3.00	4.50	4.50	15	121	32.00	32.00	31.00	31.00	31.00	20	40		12.75	10.00	11.00	11.00	11.00	39	136	0.00	0.00	0.00	-	28.00	-	136		1,675
1,700	0.00	0.00	0.00	-	9.40	-	103	0.00	0.00	0.00	-	35.25	-	31		40.00	0.00	35.00	35.00	35.00	3	31	0.00	0.00	0.00		39.75		46		1,700
1,725	0.00	0.00	0.00	-	2.10	-	45	0.00	0.00	0.00	-	24.75	-	90		0.00	0.00	0.00	-	29.25	-	26	0.00	0.00	0.00	-	54.50	-	20		1,725
1,750	0.00	0.00	0.00		0.25	-	50	0.00	0.00	0.00	-	17.00	-	20		0.00	0.00	0.00	-	52.50	-	2	0.00	0.00	0.00	-	71.50	-			1,750
1,775	0.00	0.00	0.00	-	0.02	-	20	0.00	0.00	0.00	-	11.00	-	-		0.00	0.00	0.00	-	77.50	-	30	0.00	0.00	0.00	-	90.50	-	-		1,775
1,800	0.00	0.00	0.00	-	0.01	-	2	0.00	0.00	0.00		6.90	-	-		0.00	0.00	0.00	-	102.00	-	60	0.00	0.00	0.00	-	111.00	-			1,800
1,825	0.00	0.00	0.00	-	0.01	-	1	0.00	0.00	0.00	-	4.20	-	-		0.00	0.00	0.00	-	127.00	-	-	0.00	0.00	0.00	-	133.00	-	-		1,825
1,850	0.00	0.00	0.00	-	0.01	-	46	0.00	0.00	0.00	-	2.40	-	-		0.00	0.00	0.00	-	152.00	-	22	0.00	0.00	0.00	-	157.00		-		1,850
1,875	0.00	0.00	0.00	-	0.03	-	-	0.00	0.00	0.00	-	1.40	-	-		0.00	0.00	0.00	-	177.00	-	-	0.00	0.00	0.00	-	180.00	-	-		1,875
1,900	0.00	0.00	0.00	-	0.01	-	-	0.00	0.00	0.00		0.73	-	-		0.00	0.00	0.00	-	202.00	-		0.00	0.00	0.00	-	205.00	-			1,900
1,925	0.00	0.00	0.00	-	0.02	-	-	0.00	0.00	0.00	-	0.38	-	-		0.00	0.00	0.00	-	227.00	-	-	0.00	0.00	0.00	-	229.00	-	-		1,925
1,950	0.00	0.00	0.00	-	0.01	-	-	0.00	0.00	0.00	-	0.19	-	-		0.00	0.00	0.00	-	252.00	-		0.00	0.00	0.00	-	254.00		-		1,950
1,975	0.00	0.00	0.00	-	0.01	-	-	0.00	0.00	0.00	-	0.09	-	-		0.00	0.00	0.00	-	277.00	-	-	0.00	0.00	0.00	-	279.00	-	-		1,975
2,000	0.00	0.00	0.00	-	0.01	-	-	0.00	0.00	0.00	-	0.04	-			0.00	0.00	0.00	-	302.00	-		0.00	0.00	0.00	-	304.00	-			2,000
2,050	0.00	0.00	0.00	-	0.01	-	-	0.00	0.00	0.00	-	0.01	-	-		0.00	0.00	0.00	-	352.00	-	-	0.00	0.00	0.00	-	354.00	-	-		2,050
2,100	0.00	0.00	0.00	-	0.01	-	-	0.00	0.00	0.00	-	0.01	-	-		0.00	0.00	0.00	-	402.00	-		0.00	0.00	0.00	-	404.00		-		2,100
2,150	0.00	0.00	0.00	-	0.01	-	-	0.00	0.00	0.00	-	0.01	-	-		0.00	0.00	0.00	-	452.00	-	-	0.00	0.00	0.00	-	454.00	-	-		2,150
2,200	-	-	-	-	-	-	-	0.00	0.00	0.00	-	0.01	-	-		-	-	-	-	-	-	-	0.00	0.00	0.00		503.00		-		2,200
2,250	-	-	-	-	-	-	-	0.00	0.00	0.00	-	0.01	-	-		-	-	-	-	-	-	-	0.00	0.00	0.00	-	553.00	-	-		2,250
2,300	-	-	-	-	-	-	-	0.00	0.00	0.00	-	0.01	-	-		-	-	-	-	-	-	-	0.00	0.00	0.00	-	603.00	-	-		2,300
2,350	-			-	-	-	-	0.00	0.00	0.00	-	0.01	-	-		-	-		-	-	-	-	0.00	0.00	0.00	-	653.00		-		2,350
2,400	-	-	-	-	-	-	-	0.00	0.00	0.00	-	0.01	-	-		-	-	-	-	-	-	-	0.00	0.00	0.00	-	703.00	-	-		2,400
2,450	-			-	-	-	-	0.00	0.00	0.00	-	0.01	-	-		-	-		-	-	-	-	0.00	0.00	0.00	-	753.00		-		2,450
2,500	-	-	-	-	-	-	-	0.00	0.00	0.00	-	0.02	-	-		-	-	-	-	-	-	-	0.00	0.00	0.00	-	803.00	-	-		2,500
	Totals:					29	420						24	371	0 0						82	1,030						3	499	0 0	_

4 0

11

12

Number of Trades:

3 0

Year: 139 Trading Day No: 219 Section 7: Stock Options Wednesday, 14 November, 2018

ALPHA BANK (CR)

2.800

3.000

3.200

Totals:

Number of Trades:

Call Options

0.000 0.000 0.000

0.000 0.000 0.000

0.000 0.000 0.000

150

0

0.001

0.001

0.001

0

70

0

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

Put Options

0.000 0.000 0.000

0.000 0.000 0.000

0.000 0.000 0.000

0 0.00

1.52

1.72

1.92

0

				Novem	ber 2018						Decembe	er 2018			Other Months				Novemb	per 2018						Decemb	er 2018			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	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
0.800	0.000	0.000	0.000		0.480	-	-	0.000	0.000	0.000		0.482	-	-		0.000	0.000	0.000		0.001		-	0.000	0.000	0.000		0.002	-	-		0.008
0.850	0.000	0.000	0.000		0.430	-	-	0.000	0.000	0.000		0.432	-			0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000		0.001		-		0.009
0.900	0.000	0.000	0.000		0.380	-	-	0.000	0.000	0.000		0.382	-			0.000	0.000	0.000		0.003		-	0.000	0.000	0.000		0.001		-		0.009
0.950	0.000	0.000	0.000		0.330	-	-	0.000	0.000	0.000		0.334	-			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		0.280	-	-	0.000	0.000	0.000		0.286	-	10		0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000		0.004		-		0.010
1.100	0.000	0.000	0.000		0.181	-	120	0.000	0.000	0.000		0.198	-	10		0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000		0.015	-	-		0.011
1.200	0.000	0.000	0.000		0.090	-	-	0.000	0.000	0.000		0.124	-	20		0.000	0.000	0.000		0.010	-	-	0.000	0.000	0.000		0.042	-	-		0.012
1.300	0.000	0.000	0.000		0.029	-	-	0.000	0.000	0.000		0.071	-	30		0.000	0.000	0.000		0.049	-	-	0.000	0.000	0.000		0.088	-	-		0.013
1.400	0.000	0.000	0.000		0.005	-	30	0.000	0.000	0.000		0.036	-			0.000	0.000	0.000		0.125	-	-	0.000	0.000	0.000		0.153	-	-		0.014
1.500	0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000		0.017	-			0.000	0.000	0.000		0.220	-	-	0.000	0.000	0.000		0.235		-		0.015
1.600	0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000		0.007	-			0.000	0.000	0.000		0.320	-	-	0.000	0.000	0.000		0.325	-	-		0.016
1.700	0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000		0.003	-			0.000	0.000	0.000		0.420	-	-	0.000	0.000	0.000		0.421		-		0.017
1.800	0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000		0.001	-			0.000	0.000	0.000		0.520	-	-	0.000	0.000	0.000		0.520	-	-		0.018
1.900	0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000		0.001	-			0.000	0.000	0.000		0.620	-	-	0.000	0.000	0.000		0.620		-		0.019
2.000	0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000		0.001	-			0.000	0.000	0.000		0.720	-		0.000	0.000	0.000		0.720		-		0.020
2.200	0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000		0.001	-			0.000	0.000	0.000		0.920	-		0.000	0.000	0.000		0.920				0.022
2.400	0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000		0.001	-			0.000	0.000	0.000		1.12			0.000	0.000	0.000		1.12		-		0.024
2.600						-	-	0.000	0.000	0.000		0.001	-	-							-	-	0.000	0.000	0.000		1.32	-			0.026

0.028

0.030

0.032

Other Months

Wednesday, 14 November, 2018

NATIONAL BANK (CR)

		•	•				C	Call Optio	ons															Put O	otions					
				Novemb	per 2018						Decemb	er 2018			Other Months				Novem	ber 2018						Decemb	er 2018			
cerise ce	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	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	١
0.050	0.000	0.000	0.000		1.34	-	-	0.000	0.000	0.000		1.34	-	-		0.000	0.000	0.000		0.010	-	-	0.000	0.000	0.000		0.010	-	-	

Wednesday, 14 November, 2018

OPAP (CR)

OI AI (	,							Call Optio	ons															Put 0	ptions					
				Noveml	per 2018						Decemb	er 2018			Other Months				Novemb	per 2018						December 2018			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	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 Closing price	orice Volum	Open Interest	Volume Open Interest	Excerise Price
6.000	0.000	0.000	0.000		2.54	-	-	0.000	0.000	0.000		2.55	-	-	-	0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000	0.00	-	-	<del>-</del>	0.060
6.400	0.000	0.000	0.000		2.14	-	-	0.000	0.000	0.000		2.15	-	-		0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000	0.00	-	-		0.064
6.800	0.000	0.000	0.000		1.74	-	-	0.000	0.000	0.000		1.75	-			0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000	0.00	-	-		0.068
7.200	0.000	0.000	0.000		1.34	-	-	0.000	0.000	0.000		1.36	-	-		0.000	0.000	0.000		0.003	-	-	0.000	0.000	0.000	0.00	5 -	-		0.072
7.600	0.000	0.000	0.000		0.941	-	-	0.000	0.000	0.000		0.981	-	-		0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000	0.02	j -	-		0.076
8.000	0.000	0.000	0.000		0.541	-	-	0.000	0.000	0.000		0.642	-	-		0.000	0.000	0.000		0.003	-	-	0.000	0.000	0.000	0.08	6 -	-		0.080
8.400	0.000	0.000	0.000		0.170	-	-	0.000	0.000	0.000		0.373	-			0.000	0.000	0.000		0.029	-	-	0.000	0.000	0.000	0.21	· -	-		0.08
8.800	0.000	0.000	0.000		0.010	-	-	0.000	0.000	0.000		0.189	-	-		0.000	0.000	0.000		0.269	-	-	0.000	0.000	0.000	0.43	2 -	-		0.08
9.200	0.000	0.000	0.000		0.001	-	5	0.000	0.000	0.000		0.082	-	-		0.000	0.000	0.000		0.660	-	-	0.000	0.000	0.000	0.72		-		0.09
9.600	0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000		0.031	-	-		0.000	0.000	0.000		1.06	-	-	0.000	0.000	0.000	1.08	-	-		0.09
10.000	0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000		0.010	-	-		0.000	0.000	0.000		1.46	-	-	0.000	0.000	0.000	1.46	-	-		0.100
11.000	0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000		0.001	-	-		0.000	0.000	0.000		2.46	-	-	0.000	0.000	0.000	2.46		-		0.110
12.000	0.000	0.000	0.000		0.001		-	0.000	0.000	0.000		0.001		-		0.000	0.000	0.000		3.46		-	0.000	0.000	0.000	3.46		-		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		4.46	-	-	0.000	0.000	0.000	4.46		-		0.13
14.000	0.000	0.000	0.000		0.001		-	0.000	0.000	0.000		0.001		-		0.000	0.000	0.000		5.46	-	-	0.000	0.000	0.000	5.46		-		0.14
15.000						-	-	0.000	0.000	0.000		0.001	-								-		0.000	0.000	0.000	6.46	-	-		0.15
16.000						-	-	0.000	0.000	0.000		0.001		-								-	0.000	0.000	0.000	7.46		-		0.160
	Totals:					0	5	_					0	0	0 0						0	0					0	0	0 0	-
	Number o	of Trades					0							0	0							0.00						0	0	

Wednesday, 14 November, 2018

OTE (CR)

OTE (CI	•9							Call	Options	6															Put O	ptions					-	. ,	,,
-				Noveml	ber 2018						D	December 201	8		0	ther Months				Novemb	per 2018						December	2018			Other Mo	onths	
Excerise Price	Open price	Price max	Price min	Last price	Closing price	Volume	Open In		Open price	Price max	Price min	Last Closin price	g price Volur	Open Interne	est Volu	Open Interest	Open price	Price max	Price min	Last price	Closing price	Volume	Open Interest	Open price	Price max	Price min	Last CI price	losing price	Volume	Open Interest	Volume Ope	n Interest	Excerise Price
7.600	0.000	0.000	0.000		2.59	-	-	C	.000 (	0.000	0.000	2.	51 -	-			0.000	0.000	0.000		0.001		-	0.000	0.000	0.000		0.001		-			0.076
8.000	0.000	0.000	0.000		2.19	-		C	.000 (	0.000	0.000	2	21 -	-			0.000	0.000	0.000		0.001			0.000	0.000	0.000		0.001	-				0.080
8.400	0.000	0.000	0.000		1.79	-	-	C	.000 (	0.000	0.000	1.5	31 -	-			0.000	0.000	0.000		0.001			0.000	0.000	0.000		0.002	-	-			0.084
8.800	0.000	0.000	0.000		1.39	-		C	.000 (	0.000	0.000	1.	12 -	-			0.000	0.000	0.000		0.001			0.000	0.000	0.000		0.012	-				0.088
9.200	0.000	0.000	0.000		0.992	-	-	C	.000 (	0.000	0.000	1.	)5 -	-			0.000	0.000	0.000		0.001			0.000	0.000	0.000		0.042	-	-			0.092
9.600	0.000	0.000	0.000		0.593	-	-	C	.000	0.000	0.000	0.7	23 -	-			0.000	0.000	0.000		0.002			0.000	0.000	0.000		0.114		-			0.096
10.000	0.000	0.000	0.000		0.234	-	-	C	.000 (	0.000	0.000	0.4	55 -	-			0.000	0.000	0.000		0.042			0.000	0.000	0.000		0.245	-	-			0.100
11.000	0.000	0.000	0.000		0.001	-		C	.000 (	0.000	0.000	0.0	92 -	-			0.000	0.000	0.000		0.810			0.000	0.000	0.000		0.884	-				0.110
12.000	0.000	0.000	0.000		0.001	-	-	C	.000	0.000	0.000	0.0	09 -	-			0.000	0.000	0.000		1.81		-	0.000	0.000	0.000		1.81	-	-			0.120
13.000	0.000	0.000	0.000		0.002	-		C	.000	0.000	0.000	0.0	01 -	-			0.000	0.000	0.000		2.81		-	0.000	0.000	0.000		2.81	-	-			0.130
14.000	0.000	0.000	0.000		0.003	-	-	C	.000 (	0.000	0.000	0.0	01 -	-			0.000	0.000	0.000		3.81			0.000	0.000	0.000		3.81	-	-			0.140
15.000	0.000	0.000	0.000		0.001	-		C	.000	0.000	0.000	0.0	01 -	-			0.000	0.000	0.000		4.81		-	0.000	0.000	0.000		4.81	-	-			0.150
16.000	0.000	0.000	0.000		0.001	-	-	C	.000	0.000	0.000	0.0	01 -	-			0.000	0.000	0.000		5.81		-	0.000	0.000	0.000		5.81	-	-			0.160
17.000						-	-	C	.000	0.000	0.000	0.0	01 -	-										0.000	0.000	0.000		6.81	-				0.170
18.000						-	-	C	.000 (	0.000	0.000	0.0	01 -	-									-	0.000	0.000	0.000		7.81	-	-			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		

PIRAEUS BANK (CR)

Call Options	Put Options
Call Options	rui Options

				Novem	ber 2018						December 2018			Other Months				Novembe	er 2018						Decembe	r 2018			Other Months	
Excerise Price	Open price	Price max	Price min	Last price	Closing price	Volume	Open Interest	Open price	Price max	Price min	Last Closing p price	rice Volum	Open Interest	Volume Open Interest	Open price	Price max	Price min	Last C price	Closing price	Volume	Open Interest	Open price	Price max	Price min	Last C price	Closing price	Volume	Open Interest	Volume Open Interest	Excerise Price
0.800	0.000	0.000	0.000		0.310	-	-	0.000	0.000	0.000	0.313	-	-	-	0.000	0.000	0.000		0.001		-	0.000	0.000	0.000		0.002		-		0.008
0.850	0.000	0.000	0.000		0.260	-	-	0.000	0.000	0.000	0.266	-	-		0.000	0.000	0.000		0.002	-	-	0.000	0.000	0.000		0.004	-	-		0.009
0.900	0.000	0.000	0.000		0.210	-	-	0.000	0.000	0.000	0.221	-	-		0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000		0.009	-	-		0.009
0.950	0.000	0.000	0.000		0.161		-	0.000	0.000	0.000	0.179	-			0.000	0.000	0.000		0.001	-		0.000	0.000	0.000		0.017		-		0.010
1.000	0.000	0.000	0.000		0.113		-	0.000	0.000	0.000	0.142	-	-		0.000	0.000	0.000		0.003	-	-	0.000	0.000	0.000		0.029		-		0.010
1.100	0.000	0.000	0.000		0.039	-	-	0.000	0.000	0.000	0.082	-	180		0.000	0.000	0.000		0.028	-	-	0.000	0.000	0.000		0.070	-	-		0.011
1.200	0.000	0.000	0.000		0.007	-	10	0.000	0.000	0.000	0.043	-	46		0.000	0.000	0.000		0.097	-	-	0.000	0.000	0.000		0.131	-	-		0.012
1.300	0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000	0.020	-	-		0.000	0.000	0.000		0.190	-	-	0.000	0.000	0.000		0.208	-	-		0.013
1.400	0.000	0.000	0.000		0.001	-	100	0.000	0.000	0.000	0.009	-	-		0.000	0.000	0.000		0.290	-	-	0.000	0.000	0.000		0.297	-	-		0.014
1.500	0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000	0.004	-	-		0.000	0.000	0.000		0.390	-	-	0.000	0.000	0.000		0.392	-	-		0.015
1.600	0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000	0.001	-	60		0.000	0.000	0.000		0.490	-	-	0.000	0.000	0.000		0.490	-	-		0.016
1.700	0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000	0.001	-	-		0.000	0.000	0.000		0.590	-	-	0.000	0.000	0.000		0.590	-	-		0.017
1.800	0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000	0.001	-			0.000	0.000	0.000		0.690	-	-	0.000	0.000	0.000		0.690	-	-		0.018
1.900	0.000	0.000	0.000		0.002	-	-	0.000	0.000	0.000	0.001	-	-		0.000	0.000	0.000		0.790	-	-	0.000	0.000	0.000		0.790	-	-		0.019
2.000	0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000	0.002	-	-		0.000	0.000	0.000		0.890	-	-	0.000	0.000	0.000		0.890	-	-		0.020
2.200	0.000	0.000	0.000		0.005	-	-	0.000	0.000	0.000	0.001	-	20		0.000	0.000	0.000		1.09	-	-	0.000	0.000	0.000		1.09	-	-		0.022
2.400	0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000	0.001	-	-		0.000	0.000	0.000		1.29	-	-	0.000	0.000	0.000		1.29	-	-		0.024
2.600	0.000	0.000	0.000		0.001	-	10	0.000	0.000	0.000	0.003	-	-		0.000	0.000	0.000		1.49	-	-	0.000	0.000	0.000		1.49	-	-		0.026
2.800	0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000	0.001	-	-		0.000	0.000	0.000		1.69	-	-	0.000	0.000	0.000		1.69	-	-		0.028
3.000	0.000	0.000	0.000		0.002	-	-	0.000	0.000	0.000	0.004	-	-		0.000	0.000	0.000		1.89	-	-	0.000	0.000	0.000		1.89	-	-		0.030
3.200	0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000	0.002	-	-		0.000	0.000	0.000		2.09	-	-	0.000	0.000	0.000		2.09	-	-		0.032
3.400	0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000	0.001	-	-		0.000	0.000	0.000		2.29	-	-	0.000	0.000	0.000		2.29	-	-		0.034
3.600	0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000	0.001	-	-		0.000	0.000	0.000		2.49	-	-	0.000	0.000	0.000		2.49	-	-		0.036
3.800						-	-	0.000	0.000	0.000	0.001	-	-							-	-	0.000	0.000	0.000		2.69	-	-		0.038
4.000						-	-	0.000	0.000	0.000	0.001	-	-							-	-	0.000	0.000	0.000		2.89	-	-		0.040
4.400						-	-	0.000	0.000	0.000	0.001	-	-							-	-	0.000	0.000	0.000		3.29	-	-		0.044
4.800						-	-	0.000	0.000	0.000	0.001	-	-							-	-	0.000	0.000	0.000		3.69	-	-		0.048
5.200						-	-	0.000	0.000	0.000	0.001	-	-							-	-	0.000	0.000	0.000		4.09				0.052
5.600						-	-	0.000	0.000	0.000	0.001	-	-							-	-	0.000	0.000	0.000		4.49				0.056
	Totals:					0	120			-		0	306	0 0						0	0			-			0	4	0 0	
	Number o	of Trades:	:				0						0	0							0.00							0	0	

Wednesday, 14 November, 2018

PPC (CR)

							(	Call Optio	ns														Put C	ptions						
				Novem	ber 2018						December 2018			Other Months				Novembe	er 2018						Decemb				Other Months	
xcerise	Open price	Price max	Price min	Last price	Closing price	Volume	Open Interest	Open price	Price max	Price min	Last Closing price	rice Volum	Open Interest e	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 pric	<sup>3</sup> Volume	Open Interest	Volume Open Interest	Exceris Price
0.850	0.000	0.000	0.000		0.540	-	-	0.000	0.000	0.000	0.542		-		0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000		0.001	-	-		0.00
0.900	0.000	0.000	0.000		0.490	-	-	0.000	0.000	0.000	0.49		-		0.000	0.000	0.000		0.002	-		0.000	0.000	0.000		0.001	-	-		0.00
0.950	0.000	0.000	0.000		0.440	-	-	0.000	0.000	0.000	0.442		-		0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000		0.001	-	-		0.0
1.000	0.000	0.000	0.000		0.390	-	-	0.000	0.000	0.000	0.39	! -	-		0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000		0.003	-	-		0.0
1.100	0.000	0.000	0.000		0.290	-	-	0.000	0.000	0.000	0.29	-	-		0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000		0.002	-	-		0.0
1.200	0.000	0.000	0.000		0.191	-	-	0.000	0.000	0.000	0.20		100		0.000	0.000	0.000		0.001	-		0.000	0.000	0.000		0.010	-	-		0.01
1.300	0.000	0.000	0.000		0.099	-		0.000	0.000	0.000	0.12	-			0.000	0.000	0.000		0.008	-		0.000	0.000	0.000		0.032	-			0.0
1.400	0.000	0.000	0.000		0.034	-	15	0.000	0.000	0.000	0.06	-	-		0.000	0.000	0.000		0.044	-		0.000	0.000	0.000		0.075	-	-		0.0
1.500	0.000	0.000	0.000		0.007	-	5	0.000	0.000	0.000	0.03		20		0.000	0.000	0.000		0.117	-		0.000	0.000	0.000		0.139	-			0.0
1.600	0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000	0.01	-	-		0.000	0.000	0.000		0.211	-	-	0.000	0.000	0.000		0.221	-	-		0.0
1.700	0.000	0.000	0.000		0.001	-	30	0.000	0.000	0.000	0.00	-	-		0.000	0.000	0.000		0.310	-	-	0.000	0.000	0.000		0.313		-		0.0
1.800	0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000	0.002		-		0.000	0.000	0.000		0.410	-	-	0.000	0.000	0.000		0.410	-	-		0.0
1.900	0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000	0.00	-	-		0.000	0.000	0.000		0.510	-	-	0.000	0.000	0.000		0.510		-		0.0
2.000	0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000	0.00	-	-		0.000	0.000	0.000		0.610	-	-	0.000	0.000	0.000		0.610	-	-		0.0
2.200	0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000	0.00	-	-		0.000	0.000	0.000		0.810	-	-	0.000	0.000	0.000		0.810		•		0.0
2.400	0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000	0.00	-	-		0.000	0.000	0.000		1.01	-	-	0.000	0.000	0.000		1.01	-	-		0.0
2.600	0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000	0.00	-	-		0.000	0.000	0.000		1.21	-	-	0.000	0.000	0.000		1.21	-	-		0.0
2.800						-	-	0.000	0.000	0.000	0.00	-	-							-	-	0.000	0.000	0.000		1.41	-	-		0.0
3.000						-	-	0.000	0.000	0.000	0.00	-	-							-	-	0.000	0.000	0.000		1.61	-	-		0.0
3.200						-	-	0.000	0.000	0.000	0.00	-	-							-	-	0.000	0.000	0.000		1.81	-	-		0.0
3.400						-	-	0.000	0.000	0.000	0.00	-	-							-	-	0.000	0.000	0.000		2.01	-	-		0.0
3.600						-	-			0.000	0.00		-							-	•	0.000		0.000		2.21	-			0.0
3.800						-	-			0.000	0.00		-							-	-	0.000		0.000		2.41	-	-		0.0
4.000						-	-			0.000	0.00		•							-		0.000		0.000		2.61	-			0.0
4.400						-	-	0.000	0.000	0.000	0.00	-	-							-	-	0.000	0.000	0.000		3.01	-	-		0.0
	Totals:					0	50					0	120	0 0						0	0						0	0	0 0	
	Number	of Trades:					0						0	0							0.00							0	0	

Wednesday, 14 November, 2018

			M	ultilateral Trar	nsactions[1]		Bilateral	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)	***	41,822	5.31%					1,828
AEGNBOR	AEGEAN AIRLINES (CR)	995	12,099	3.55%					11,912
ALPHABOR	ALPHA BANK (CR)	40,001	80,248	5.31%					28,344,316
ALMYBOR	ALUMIL (CR)								
TATTBOR	ATTICA BANK S.A. (CR)	8,819	7,304	5.31%					370
EEEBOR	CC HBC AG (CR)	8,405	67	7.65%					70,546
CENERBOR	CENERGY HOLDINGS (CB)	2,600	46,000	5.31%					
ELLAKTORBOR	ELLAKTOR (CR)	1,000	83,119	3.55%					
EUROBBOR	EUROBANK ERGASIAS (CR)	141,017	75,564	5.31%					57,143,308
EYDAPBOR	EYDAP S.A. (CR)		3,758	5.31%					82,799
FFGRPBOR	FOLLI FOLLIE (CR)								1,363,949
FOYRKBOR	FOURLIS (CR)	8,827	191	4.69%					4,650
GEKTERNABOR	GEK TERNA (CR)		32,432	5.31%					1,293
SARBOR	GR. SARANTIS S.A. (CR)	452	7	5.36%					390
EUPROBOR	GRIVALIA PROPERTIES (CR)		102,574	5.31%					48,262
EXAEBOR	HELLENIC EXCHANGES-A.S.E. (CR)	8,000	537,888	5.31%	500	2.65%			150,065
ELPEBOR	HELLENIC PETROLEUM (CR)	2,696	136,555	3.31%					64,719
INTRKBOR	INTRACOM HOLDINGS (CR)		58,170	5.31%					
INLOTBOR	INTRALOT (CR)	1,300	77,620	5.31%			***		284,512
BELABOR	JUMBO SA (CR)	15,300	109,284	3.31%	500	2.65%			53,350
LAMDABOR	LAMDA DEVELOPMENT SA (CR)		619	5.31%					13,284
MIGBOR	MARFIN INVESTMENT GROUP (CR)		293,633	5.31%					744,474
MOHBOR	MOTOR OIL (CR)	7,795	28,285	4.24%					260,884
MYTILBOR	MYTILINEOS HOLDINGS (CR)	1,500	155,988	5.31%					18,086
ETEBOR	NATIONAL BANK (CR)	29,058	68,183	4.24%					8,723,215
OPAPBOR	OPAP (CR)	3,000	148,739	5.31%					1,007,199
HTOBOR	OTE (CR)	3,000	102,934	5.31%					544,315
PPABOR	P.P.A. S.A. (CR)	1,818	831	5.16%					2,901
TPEIRBOR	PIRAEUS BANK (CR)	7,122	2,311	5.31%	***		***		28,420,057
PLAISBOR	PLAISIO COMPUTERS SA (CR)						***		
PPCBOR	PPC (CR)	1,000	132,459	3.55%					6,477,732

## Stock Lending Notes

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

Hellenic Exchanges – Athens Stock Exchange S.A.

Section 7, 1/2

Daily Official List
Section 7: Stock Lending Analytic Figures

Year: 139 Trading Day No: 219 Wednesday, 14 November, 2018

			M	ultilateral Trar	nsactions[1]		Bilateral	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
QUALBOR	QUALITY & RELIABILITY SA (CR)								
TENERGYBOR	TERNA ENERGY (CR)	1,931	25,175	5.31%					129,400
TITKBOR	TITAN CEMENT (CR)	2,678	101,724	3.31%					22,666
VIOBOR	VIOHALCO SA/NV (CB)	33,420	36,848	3.31%			***		

## Stock Lending Notes

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

Hellenic Exchanges – Athens Stock Exchange S.A.

Section 7, 2/2

Daily Official ListYear: 139 Trading Day No: 219Appendix A: Sectors codification for listed companiesWednesday, 14 November, 2018

## Sectors codification for listed companies

**Exploration & Production** 537 Integrated Oil & Gas 1353 Commodity Chemicals 1357 Specialty Chemicals 1755 1753 Aluminum Nonferrous Metals 1757 Steel General Mining 1775 2353 **Building Materials & Fixtures** 2357 **Heavy Construction** Containers & Packaging **Diversified Industrials** 2723 2727 2733 **Electrical Components & Equipment** 2753 Commercial Vehicles & Trucks 2757 **Industrial Machinery** 2773 Marine Transportation **Business Support Services** 2777 Transportation Services 2791 2797 **Industrial Suppliers** 3535 Distillers & Vintners Soft Drinks 3537 3573 Farming Fishing & Plantations

3577 Food Products 3722 **Durable Household Products Furnishings** 3726 3728 Home Construction 3747 Toys 3763 Clothing & Accessories 3765 Footwear 3767 Personal Products Tobacco Health Care Providers 3785 4533 4535 Medical Equipment 4577 Pharmaceuticals Food Retailers & Wholesalers 5337 5371 **Apparel Retailers** 

**Broadline Retailers** 5375 Home Improvement Retailers 5373 Specialty Retailers **Broadcasting & Entertainment** 5379 5553 Media Agencies Publishing 5555 5557 5751 Airlines 5752 Gambling

5753 Hotels 5755 Recreational Services Travel & Tourism 5757 Restaurants & Bars 5759 6535 Fixed Line Telecommunications 6575 Mobile Telecommunications 7535 Conventional Electricity 7537 Alternative Electricity

7577 - Water 8355 - Banks 8534 - Insurance Brokers 8536 - Property & Casualty Insurance 8633 - Real Estate Holding & Development 8637 - Real Estate Services

8671 - Industrial & Office REITs 8674 - Diversified REITs 8675 - Specialty REITs 8775 - Specialty Finance

8777 - Investment Services 8985 - Equity Investment Instruments
9533 - Computer Services 9535 - Internet

9533-Computer Services9535-Internet9537-Software9572-Computer Hardware

9574 - Electronic Office Equipment 9578 - Telecommunications Equipment 12003 - ETF

