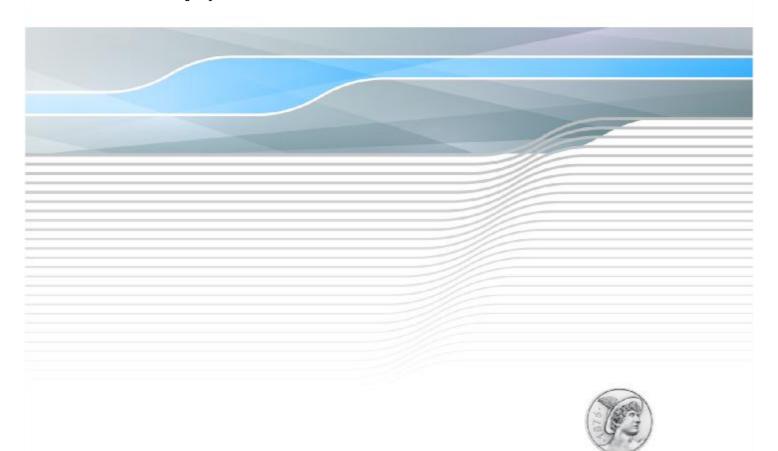
Hellenic Exchanges – Athens Stock Exchange S.A.

Ημερήσιο Δελτία Συναλλακτικής Δ Daily Official List of Trading Activity

Ημερήσιο Δελτίο Συναλλακτικής Δραστηριότητας

Wednesday, 28 November, 2018 Year: 139 Trading Day No: 229



Athens Stock Exchange

Daily Official List

Year: 139 Trading Day No: 229

Wednesday, 28 November, 2018

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Hellenic Exchanges – Athens Stock Exchange S.A.

Market Operation & Development Division - Statistics & Information Services

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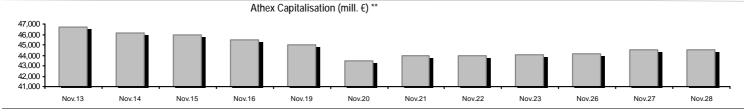
Appendix A: Sectors codification for listed companies

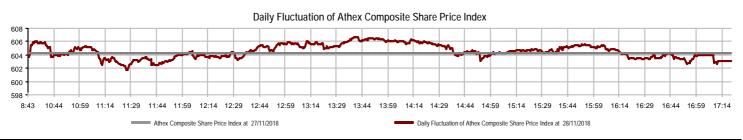
Section codification follows the corresponding from the Greek version of Daily Official List for reference purposes.

Summary of Markets



-					
Athex Capitalisation (mill. €) **:	44,548.00		Derivatives Total Open Interest	484,647	
Daily change: mill. € %	53.21	0.12%	in Index Futures % daily chng	4,074	0.59%
Yearly Avg Capitalisation: mill. € % chng prev year Avg	52,658.37	4.99%	in Stock Futures % daily chng	477,635	-1.73%
Athex Composite Share Price Index % daily chng	603.11	-0.19%	in Index Options % daily chng	1,588	6.94%
Athex Composite Share Price Index Capitalisation (mill. \in) Daily change (mill. \in)	39,749.81 54.36		in Stock Options % daily chng	1,350	9.76%
Securities' Transactions Value with Block Trades Method 6-1 (36,443.47		Derivatives Contracts Volume:	52,732	
Daily change: %	-38,504.27	-51.37%	Daily change: pieces %	-22,329	-29.75%
YtD Avg Trans. Value: thou. \in % chng prev year Avg	55,101.37	-5.29%	YtD Avg Derivatives Contracts % chng prev year Avg	54,369	-29.83%
Blocks Transactions Value of Method 6-1 (thou. €)	1,485.92		Derivatives Trades Number:	1,737	
Blocks Transactions Value of Method 6-2 & 6-3 (thou. €)	0.00		Daily change: number %	-716	-29.19%
Bonds Transactions Value (thou.€)	565.10		YtD Avg Trades number % chng prev year Avg	2,706	3.10%
Securities' Transactions Volume with Block Trades Method 6-1 ((th 30,604.0	00	Lending Total Open Interest	208,106	
Daily change: thou. pieces %	-22,078.15	-41.91%	Daily change: pieces %	-114,380	-35.47%
YtD Avg Volume: % chng prev year Avg	37,150.55	-48.47%	Lending Volume (Multilateral/Bilateral)	238,643	
Blocks Transactions Volume of Method 6-1 (thou. Pieces)	1,416.44		Daily change: pieces %	-66,127	
Blocks Transactions Volume of Method 6-2 & 6-3 (thou. Pieces	0.00				
Bonds Transactions Volume	561,000		Multilateral Lending	11,143	
			Bilateral Lending	227,500	
Securities' Trades Number with Block Trades Method 6-1	27,025		Lending Trades Number:	31	14.81%
Daily change: number %	2,829	11.69%	Daily change: %	4	
YtD Avg Trades number % chng prev year Avg	20,312	16.28%	Multilateral Lending Trades Number	24	
Number of Blocks Method 6-1	3		Bilateral Lending Trades Number	7	
Number of Blocks Method 6-2 & 6-3	0		bilatoral Echaniy Trades Number	,	
Number of Bonds Transactions	56				



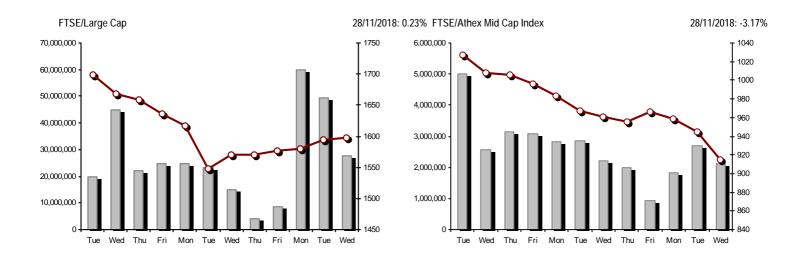


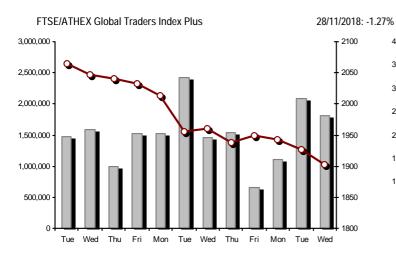
Athex Indices Index name 28/11/2018 27/11/2018 % Min Max Year min Year max Year change pts. Athex Composite Share Price Index 603.11 Œ 604.26 -1.15-0.19% 601.70 606.71 592.70 895.64 -24.83% Œ FTSE/Athex Large Cap 1,598.16 1,594.45 3.71 0.23% 1,590.61 1,606.24 1,548.58 2,275.91 -23.28% Œ FTSE/Athex Mid Cap Index 914.60 Œ 944.59 -29.99 -3.17% 914.60 945.71 914.60 1,417.74 -23.67% Œ FTSE/ATHEX-CSE Banking Index 316.96 Œ 318.99 -2.03 320.09 -52.20% Œ -0.64% 311.40 307.86 788.88 FTSE/ATHEX Global Traders Index Plus 1,902.65 Œ 1,927.22 -24.57 -1.27% 1,897.69 1,931.61 1,897.69 2,656.94 -18.68% Œ -4.54 -0.24% 2,452.53 FTSE/ATHEX Global Traders Index 1,901.54 Œ 1,906.08 1,896.04 1,913.71 1,872.97 -12.71% Œ FTSE/ATHEX Mid & Small Cap Factor-Weighted Ind 2.226.20 # 2.225.58 0.62 0.03% 2.191.45 2.229.62 1.953.64 2.464.88 13.94% # ATHEX Mid & SmallCap Price Index -37.20 3,698.01 4,442.84 3,718.30 Œ 3,755.50 -0.99% 3,757.47 3,459.89 7.40% # FTSE/Athex Market Index 395.65 # 395.24 0.41 0.10% 394.15 397.96 384.60 564.78 -23.16% Œ FTSF Med Index 4,379.02 Œ 4,394.48 -15.46 -0.35% 3,923.92 4,634.00 1.01% # 954.29 -1.82 -0.19% 952.06 959.98 Athex Composite Index Total Return Index Œ 956.11 937.82 1.392.60 -23.50% Œ 5.38 0.23% 3,277.20 FTSE/Athex Large Cap Total Return 2,318.82 # 2,313.44 2,246.89 -23.18% Œ FTSE/ATHEX Large Cap Net Total Return 698.93 # 697.30 1.63 0.23% 695.62 702.46 677.24 979.13 -22.01% Œ FTSE/Athex Mid Cap Total Return 1,128.83 Œ 1,165.84 -37.01 -3.17% 1,128.83 1,702.90 -21.75% Œ FTSE/ATHEX-CSE Banking Total Return Index -1.91 -0.64% 747.83 298.60 300.51 291.68 -53.01% Œ Œ 888.78 881.31 Hellenic Mid & Small Cap Index 884.37 Œ 885.40 -1.03 -0.12% 880.79 1,185.73 -14.31% Œ FTSE/Athex Banks 418.78 Œ 421.46 -2.68 -0.64% 411.43 422.92 406.75 1,042.30 -52.20% Œ FTSE/Athex Financial Services 749.92 -10.13 -1.35% 739.79 Œ 737.75 750.59 737.75 1.309.27 -34.27% Œ FTSE/Athex Industrial Goods & Services 1,798.24 Œ 1,820.81 -22.57-1.24% 1,794.44 1,832.87 1,794.44 2,717.62 -19.94% Œ FTSE/Athex Retail 63.22 ¬ 63.22 0.00 0.00% 63.22 63.22 51.91 2,921.52 -97.73% Œ FTSE/ATHEX Real Estate 2.860.12 # 2.842.15 17.97 0.63% 2,819.99 2.864.61 2,706.93 3.587.02 -16.09% Œ FTSE/Athex Personal & Household Goods 91.08 1.34% 6,903.88 # 6,812.80 6,661.28 6,904.66 6,088.80 8,843.95 -13.71% Œ FTSE/Athex Food & Beverage 10,064.21 # 9,901.95 162.26 1.64% 9,901.95 10,099.02 9,316.14 11,879.29 -0.88% FTSE/Athex Basic Resources 3,149.82 Œ 3,231.84 -82.02 -2.54% 3,126.39 3,231.84 2,919.09 4,731.18 -21.89% Œ 2,457.94 3.22 2.484.74 -12.01% Œ FTSE/Athex Construction & Materials 2,479.65 # 2,476.43 0.13% 2,457.94 3,244.17 FTSE/Athex Oil & Gas 4,656.35 Œ 4,703.72 -47.37-1.01% 4,646.84 4,751.08 4,087.64 5,396.31 2.80% # 230.46 7,990.57 12,117.06 -28.34% Œ FTSE/Athex Chemicals 8,221.03 # 7,990.57 2.88% 8,303.33 7,889.97 -5.83% Œ FTSE/Athex Media 1,469.64 ¬ 0.00 0.00% 1,469.64 1,469.64 1,469,64 1.131.49 1.664.73 FTSE/Athex Travel & Leisure 1,380.10 Œ 1,409.48 -29.38 -2.08% 1,380.10 1,962.01 -24.57% Œ 1.415.08 1,325.32 FTSE/Athex Technology 680.19 Œ 729.26 -49.07 -6.73% 680.19 729.93 680.19 1,116.72 -25.31% Œ FTSE/Athex Telecommunications 2,780.10 ¬ 2,780.10 0.00 0.00% 2,752.57 2,815.88 2,587.42 3,526.04 -12.17% Œ 1,756.98 FTSE/Athex Utilities 1,772.20 # 1,757.10 15.10 0.86% 1,757.10 1,780.48 2,508.45 -11.05% Œ FTSE/Athex Health Care 503.43 Œ 506.21 -2.78-0.55% 500.66 508.98 256.65 517.30 95.11% Athex All Share Index 156.53 0.20 0.13% 156.73 156.73 152.89 209.09 -17.62% Œ 156.73 # Hellenic Corporate Bond Index 115.90 Œ 116.57 -0.66 -0.57% 115.90 118.41 -0.89% Œ Hellenic Corporate Bond Price Index 95.76 Œ 96.32 -0.56 -0.59% 95.76 100.55 -4.19% 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 26/11/2018.

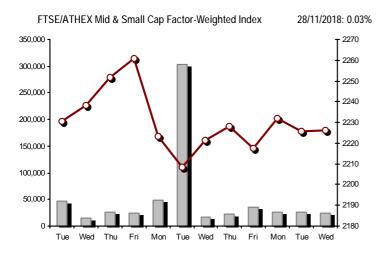
Note 2: The Hellenic Mid & Small Cap Index is a Customized index calculated by the Athens Exchange.

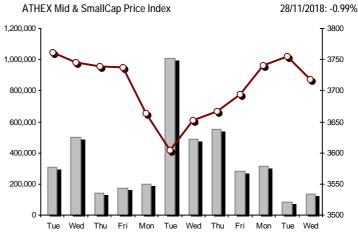
Athex Indices











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	114	104	10	0	
Gain / Lose / Same:	33 / 46 / 35	32 / 45 / 27	1/1/8	0/0/0	
Athex Capitalisation (mill. €) **	44,548.00	44,317.63	230.38		
Daily Average Trans/ons Value(thou.€)	55,101.37	55,104.39	31.79	51.44	
Transactions Value	36,443.47	36,425.15	18.33	0.00	
Main Board:	34,957.55	34,939.22	18.33	0.00	
Blocks Board 6_2_3:	1,485.92	1,485.92	0.00	0.00	
Forced Sales Board:	0.00	0.00	0.00	0.00	
Special Terms Board:	0.00	0.00	0.00	0.00	
Daily Average Transactions Volume	37,150,551	36,986,103	213,686	2,610	
Transactions Volume	30,603,996	30,434,345	169,651	0	
Main Board:	29,187,558	29,017,907	169,651	0	
Blocks Board 6_2_3:	1,416,438	1,416,438	0	0	
Forced Sales Board:	0	0	0	0	
Special Terms Board:	0	0	0	0	
Daily Average Number of Trades	20,312	20,218	93	2	
Number of Trades	27,025	26,959	66	0	
Main Board:	27,022	26,956	66	0	
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	2/3/1	15,528	26,035,538	17,992,000.70	49.37%
1700 -	- Basic Resources	0 / 4 / 0	132	64,352	78,580.14	0.22%
1300 -	- Chemicals	1/0/2	84	16,860	31,501.39	0.09%
2300 -	- Construction & Materials	6/5/4	1,327	462,353	1,435,262.81	3.94%
12000 -	- Financial Instruments	0/0/0				
8700 -	- Financial Services	0/3/1	295	541,924	170,152.50	0.47%
3500 -	- Food & Beverage	5/2/4	307	252,895	996,174.07	2.73%
4500 -	- Health Care	0/2/1	226	430,160	465,172.14	1.28%
2700 -	- Industrial Goods & Services	3 / 8 / 4	1,403	505,206	1,901,102.19	5.22%
8500 -	- Insurance	0/0/0				
5500 -	- Media	0/0/0				
500 -	- Oil & Gas	0/2/0	1,839	249,596	4,135,577.30	11.35%
3700 -	Personal & Household Goods	5/2/7	724	167,193	747,107.37	2.05%
8600 -	- Real Estate	4 / 4 / 1	995	238,801	1,548,524.55	4.25%
5300 -	- Retail	0/0/1	1	370	165.02	0.00%
9500 -	- Technology	1/6/3	342	161,594	113,116.49	0.31%
6500 -	- Telecommunications	0/0/1	1,051	357,262	3,620,814.85	9.94%
5700 -	- Travel & Leisure	2/5/3	1,921	819,400	2,604,263.33	7.15%
7500 -	- Utilities	4/0/2	850	300,492	603,959.25	1.66%

Top 10 best & worst performing Shares

		Main	Market		
With positive Price change	Closing price	change	With negative Price change	Closing price	change
NIREFS SA (CR)	0.179	5.29% #	INTRALOT (CR)	0.378	-26.89% Œ
THRACE PLASTICS SA (CR)	1.94	3.74% #	INTRACOM HOLDINGS (CR)	0.55	-18.76% Œ
AEGEAN AIRLINES (CR)	7.12	3.04% #	ATTICA BANK S.A. (CR)	0.112	-9.97% Œ
NATIONAL BANK (CR)	0.95	2.15% #	PIRAEUS BANK (CR)	0.852	-5.54% Œ
CC HBC AG (CR)	26.99	1.66% #	KEKROPS SA (CR)	1.48	-3.90% Œ
JUMBO SA (CR)	12.84	1.58% #	ATHENS MEDICAL CENTER SA (CR)	1	-3.85% Œ
PPC (CR)	1.17	1.56% #	INTERCONTINENTAL (CR)	5.2	-3.70% Œ
GRIVALIA PROPERTIES (CR)	7.77	1.30% #	VIOHALCO SA/NV (CB)	2.465	-2.18% Œ
BANK OF GREECE (CR)	12.5	1.21% #	INTRACOM CONSTR. (CR)	0.99	-1.98% Œ
ADMIE (IPTO) HOLDING S.A. (CR)	1.544	1.18% #	OPAP (CR)	8.05	-1.83% Œ
With the highest Transactions Value	Value (thou. €)	change	With the highest Transactions Volume	Volume	change
EUROBANK ERGASIAS (CR)	7,491.57	-1.80% d	EUROBANK ERGASIAS (CR)	15,395,835	-1.80% Œ
ALPHA BANK (CR)	4,799.22	0.00% ¬	ALPHA BANK (CR)	4,304,986	0.00% ¬
MOTOR OIL (CR)	3,628.77	-1.22% a	NATIONAL BANK (CR)	3,687,994	2.15% #
OTE (CR)	3,620.81	0.00% ¬	PIRAEUS BANK (CR)	2,481,977	-5.54% Œ
NATIONAL BANK (CR)	3,460.46	2.15% #	INTRALOT (CR)	517,393	-26.89% Œ
OPAP (CR)	2,170.29	-1.83% g	MARFIN INVESTMENT GROUP (CR)	503,791	-0.45% Œ
PIRAEUS BANK (CR)	2,153.53	-5.54% g	OTE (CR)	357,262	0.00% ¬
MYTILINEOS HOLDINGS (CR)	1,450.75	-1.47% o	E ELLAKTOR (CR)	315,652	0.36% #
GRIVALIA PROPERTIES (CR)	1,136.75	1.30% #	OPAP (CR)	266,904	-1.83% Œ
CC HBC AG (CR)	946.81	1.66% #	IASO SA (CR)	262,097	-0.86% Œ

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

Wednesday, 28 November, 2018

Derivatives Summary

	Number of Trades	Volume	Open Interest
Index Futures	136	727	4,074
FTSE/Athex Large Cap	136	727	4,074
Stock Futures	1,580	51,732	477,635
ADMIE (IPTO) HOLDING S.A. (CR)	36	143	8,954
ALPHA BANK (CR)	134	2,607	25,323
ATTICA BANK S.A. (CR)	3	3	339
CC HBC AG (CR)	11	33	200
CENERGY HOLDINGS (CB)	3	9	4,238
ELLAKTOR (CR)	41	533	4,399
EUROBANK ERGASIAS (CR)	320	6,885	47,392
EYDAP S.A. (CR)	2	4	637
FOURLIS (CR)	24	39	190
GEK TERNA (CR)	13	70	4,930
GRIVALIA PROPERTIES (CR)	6	29	221
HELLENIC EXCHANGES-A.S.E. (CR)	9	17	575
HELLENIC PETROLEUM (CR)	38	162	2,791
INTRACOM HOLDINGS (CR)	8	101	4,786
INTRALOT (CR)	111	507	4,645
JUMBO SA (CR)	13	15	1,065
LAMDA DEVELOPMENT SA (CR)	3	6	1,820
MARFIN INVESTMENT GROUP (CR)	2	32	51,656
MOTOR OIL (CR)	20	90	312
MYTILINEOS HOLDINGS (CR)	96	474	8,099
NATIONAL BANK (CR)	294	36,453	264,916
OPAP (CR)	42	161	2,945
OTE (CR)	25	165	2,250
P.P.A. S.A. (CR)	4	10	548
PIRAEUS BANK (CR)	234	2,720	14,621
PPC (CR)	62	364	8,270
TERNA ENERGY (CR)	4	10	5,983
TITAN CEMENT (CR)	3	15	230
VIOHALCO SA/NV (CB)	19	75	5,300
Index Options	17	149	1,588
FTSE/Athex Large Cap	17	149	1,588
Stock Options	4	124	1,350
ALPHA BANK (CR)	0	0	150
NATIONAL BANK (CR)	1	100	600
OPAP (CR)	0	0	0
OTE (CR)	0	0	0
PIRAEUS BANK (CR)	3	24	450
PPC (CR)	0	0	150
Total Derivatives Traded	1,737	52,732	484,647

Number of Outstanding Securities Nominal Value		idends [1 2016	Date of Las Dividend [2]		Note	Shares	Closing price	% change		s closing e/date	Open price		e Last Av x price pri	/y	st Bid [7]	Last Ask [7]	P/E after	Year	Volume	Trades T	Fransactions Value[8]	Company Mkt Value (thou. €)	Year Yea low hig	
Main Market -	High L	iquid	lity Class																					
1,543,699,381 0.300			07/04/2008	3 18/04/2017		ALPHA BANK (CR)	1.106	¬	1.106	27/11/2018	1.106	1.08 1.	39 1.106	1.115 1	150@1.11	1000@1.11			4,304,986	5,913	4,799,222.78	1,707,331.52	1.05 2	2.252 8355
190,162,681				07/12/2016		CENERGY HOLDINGS (CB)	1.1	-1.43 Œ	1.116	27/11/2018	1.108	1.074 1.	08 1.1	1.094 5	500@1.08	970@1.10			44,442	75	48,630.70	209,178.95	1.01	1.6 2727
371,365,550 6.70	0.4	0.44	0.54 28/06/2018	3 29/04/2013		CC HBC AG (CR)	26.99	1.66 #	26.55	27/11/2018	26.84	26.65 27	.08 26.99	26.926 2	25@26.95	257@27.07			35,163	201	946,810.73	10,023,156.19	24.93	31.9 3537
51,643,688 0.910			21/06/2010	24/07/2018		FOURLIS (CR)	4.2	0.72 #	4.17	27/11/2018	4.23	4.12 4	.32 4.2	4.192	44@4.20	380@4.27			26,473	210	110,979.65	216,903.49	4.12	6.26 3722
101,260,000 2.13	0.3134	0.1902	0.3646 23/03/2018	8 08/01/2014		GRIVALIA PROPERTIES (CR)	7.77	1.30 #	7.67	27/11/2018	7.72	7.53 7	.78 7.77	7.662 4	176@7.75	500@7.78	34.65	2016	148,355	624	1,136,754.48	786,790.20	7.16	9.65 8675
136,059,759 0.880		0.36	0.36 26/03/2018	3 05/03/2014		JUMBO SA (CR)	12.84	1.58 #	12.64	27/11/2018	12.64	12.3 12	.84 12.84	12.633 1	15@12.72	1696@12.84	21.19	2016	38,863	317	490,959.78	1,747,007.31	10.56	16.4 3747
79,721,775 0.300			30/05/2007	23/06/2014		LAMDA DEVELOPMENT SA (CR)	5.6	-0.88 Œ	5.65	27/11/2018	5.67	5.58 5	.67 5.6	5.631 5	661@5.60	620@5.63			41,599	187	234,260.54	446,441.94	5.58	7.52 8633
939,510,748 0.300			26/04/2007	29/08/2014		MARFIN INVESTMENT GROUP (CR)	0.0667	-0.45 Œ	0.067	27/11/2018	0.0661	0.066 0.00	78 0.0667	0.067 58	971@0.067	150000@0.067			503,791	106	33,590.26	62,665.37	0.0610.1	1836 8775
259,189,761				26/02/2016		VIOHALCO SA/NV (CB)	2.465	-2.18 Œ	2.52	27/11/2018	2.495	2.465 2	.51 2.465	2.487 3	135@2.46	245@2.49			103,307	221	256,912.81	638,902.76	2.44	4 272
232,000,000 2.12			24/08/2018	3 19/06/2017		ADMIE (IPTO) HOLDING S.A. (CR)	1.544	1.18 #	1.526	27/11/2018	1.536	1.522 1.5	578 1.544	1.55 5	500@1.54	200@1.56	8.31	2017	53,486	154	82,891.24	358,208.00	1.518	2.28 753
71,417,100 0.650	0.7	0.4	0.55 22/05/2018	3 27/06/2014		AEGEAN AIRLINES (CR)	7.12	3.04 #	6.91	27/11/2018	6.99	6.93 7	.23 7.12	7.079	751@7.12	545@7.19			24,562	203	173,878.29	508,489.75	6.52	9.59 575
103,423,291 0.570			01/08/2011	19/04/2016		GEK TERNA (CR)	4.22	-0.71 Œ	4.25	27/11/2018	4.23	4.135 4.2	245 4.22	4.182	20@4.16	226@4.22			24,506	124	102,476.05	436,446.29	4.135	5.64 235
232,000,000 2.48			20/07/2015	12/12/2001		PPC (CR)	1.17	1.56 #	1.152	27/11/2018	1.179	1.154 1.1	89 1.17	1.17 1	000@1.17	34789@1.17			138,050	342	161,540.69	271,440.00	1.11	3.35 753
914,715,153 3.00			16/05/2008	3 29/08/2018		NATIONAL BANK (CR)	0.95	2.15 #	0.93	27/11/2018	0.924	0.92 0	.95 0.95	0.938 10	000@0.942	7000@0.960			3,687,994	3,013	3,460,455.06	868,979.40	0.92	3.55 835
177,001,313 1.03			05/07/2011	20/12/2007		ELLAKTOR (CR)	1.132	0.36 #	1.128	27/11/2018	1.118	1.104 1	.14 1.132	1.122 5	000@1.13	1000@1.14			315,652	566	354,207.11	200,365.49	1.104 2	2.155 235
60,348,000 0.690	0.1026	0.065	0.0502 05/06/2018	06/08/2018		HELLENIC EXCHANGES-A.S.E. (CR)	3.515	-1.54 Œ	3.57	27/11/2018	3.545	3.51 3.5	575 3.515	3.536 1	166@3.52	798@3.57			37,847	180	133,830.18	212,123.22	3.51	5.87 877
305,635,185 2.18			0.4 02/07/2018	3 01/10/2003		HELLENIC PETROLEUM (CR)	6.95	-0.43 Œ	6.98	27/11/2018	7.03	6.95 7	.07 6.95	6.989 2	600@6.95	20@6.97			72,512	450	506,811.50	2,124,164.54	6.6	8.88 53
106,500,000 0.600	0.31	0.11	0.2 22/06/2018	3 28/01/2000		EYDAP S.A. (CR)	4.95		4.95	27/11/2018	4.95	4.92	5 4.95	4.977	60@4.95	25@5.00			7,364	84	36,654.10	527,175.00	4.87	6.97 757
156,961,721 0.300			30/05/2013	3 14/11/2007		INTRALOT (CR)	0.378	-26.89 Œ	0.517	27/11/2018	0.512	0.378 0.5	519 0.378	0.461 2	00@0.377	12800@0.410			517,393	614	238,351.68	59,331.53	0.378 1	.512 5752
110,782,980 0.750	0.65	0.9	1.3 26/06/2018	3 04/11/2013		MOTOR OIL (CR)	20.25	-1.22 Œ	20.5	27/11/2018	20.2	20.15 2	0.8 20.25	20.492 27	765@20.25	5146@20.35			177,084	1,389	3,628,765.80	2,243,355.35	16.88	23.9 53
142,891,161 0.970			0.32 11/06/2018	3 07/07/2017		MYTILINEOS HOLDINGS (CR)	6.7	-1.47 Œ	6.8	27/11/2018	6.87	6.67 6	.87 6.7	6.737 4	984@6.69	5@6.74			215,331	949	1,450,754.40	957,370.78	6.67 1	0.76 272
25,000,000 2.00	0.1114	0.0892	0.1712 19/07/2018	08/08/2003		P.P.A. S.A. (CR)	15.54	0.91 #	15.4	27/11/2018	15.12	15.12 15	.68 15.54	15.503 5	50@15.42	40@15.56	34.41	2017	5,883	65	91,205.22	388,500.00	15	17.7 277
319,000,000 0.300	0.7	0.72	0.4 12/10/2018	3 25/04/2001		OPAP (CR)	8.05	-1.83 Œ	8.2	27/11/2018	8.13	8.035 8	.22 8.05	8.131 1	357@8.04	1600@8.10			266,904	1,056	2,170,287.32	2,567,950.00	7.64 1	11.15 575
490,150,389 2.83	0.1	0.16	0.3529 28/06/2018	18/06/1998		OTE (CR)	10.1		10.1	27/11/2018	10	10 10	.23 10.1	10.135 3	58@10.08	37635@10.10			357,262	1,051	3,620,814.85	4,950,518.93	9.39 1	12.81 653
436,659,164 6.00			16/05/2008	31/07/2017		PIRAEUS BANK (CR)	0.852	-5.54 Œ	0.902	27/11/2018	0.9	0.841 0.9	01 0.852	0.868 8	00@0.850	2500@0.858			2,481,977	1,814	2,153,528.46	372,033.61	0.841 3	8.934 8355
69,877,484 0.780	(0.08) (0	0.0875)	(0.14) 24/05/2018	3 13/06/2018		GR. SARANTIS S.A. (CR)	6.8	0.59 #	6.76	27/11/2018	6.72	6.68 6	.82 6.8	6.738 3	362@6.72	1100@6.84			15,404	93	103,788.92	475,166.89	6.325 8	3.275 376
113,918,936 0.300	0.0935	0.0939	0.0419 10/01/2018	02/07/2018		TERNA ENERGY (CR)	6.13	1.15 #	6.06	27/11/2018	6	6 6	.13 6.13	6.07 1	000@6.08	1993@6.13			35,902	196	217,932.42	698,323.08	4.4	6.54 753
77,063,568 3.45	0.3099	0.1049	0.0527 25/06/2018	3 26/06/2018		TITAN CEMENT (CR)	19.56	0.51 #	19.46	27/11/2018	19.46	19.46 19	.62 19.56	19.548 7	08@19.50	200@19.66			35,050	323	685,151.48	1,648,902.94	18.22 2	25.35 2353
2,185,998,765 0.300			02/05/2008	3 27/11/2015		EUROBANK ERGASIAS (CR)	0.491	-1.80 Œ	0.5	27/11/2018	0.4922	0.4772 0.49	74 0.491	0.487 80	000@0.489	500@0.492			15,395,835	4,640	7,491,569.48	1,073,325.39	0.44 1	.058 835
Main Market -	Mediu	m I ic	uidity Class	s																				
13.126.020 0.560			08/07/2010			AS COMPANY SA (CR)	2.54		2 54	27/11/2018				1	100@2.44	291@2.52						33,340.09	1.58	2.7 537
461,254,013 0.300			04/06/2008			ATTICA BANK S.A. (CR)	0.112	-9 97 G F		27/11/2018	0.121	0.112 0.12	712 0 112		11@0.112	600@0.119			159.242	104	18,855.67			5071 835
12,213,750 0.320		0.85	1.1 17/05/2018			AUTOHELLAS SA (CR)	23	_		27/11/2018	23		23 23		00@22.80	950@23.00			250	3	5,750.00			26 575
11,921,531 2.33	0.00	0.00	0.035 24/04/2018			BRIQ PROPERTIES (CR)	2.08			27/11/2018	2.08		.08 2.08		500@1.99	600@2.07	11.06	2017	1,723	6	3,421.79			2.13 8671
101,123,806 0.360			22/07/2010			CENTRIC HOLDINGS (CR)	0.1035	-		27/11/2018	0.103	0.103 0.			95@0.104	2000@0.115		2017	425	4	43.93			0.209 5752
784,500 10.00			22/07/2010			CNL CAPITAL (CR)	9.534			27/11/2018	9.5		9.7 9.55	9.516		399@9.55			285	8	2,712.06			10.44 8775
9,907,500 0.300			06/10/2005			CPI SA (CR)	0.226			27/11/2018		7.73			500@0.181	935@0.204		2018	203		2,712.00	2,239.10		0.36 9572

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

Year: 139 Trading Day No: 229

Wednesday, 28 November, 2018

																	-	
Number of Outstanding Securities Nominal Value		idends [7 2016	Date of Last Coupon Dividend [2] Right	Note	Shares	Closing price	% change	Previous closing price/date	Open price	Price Price Last Av min max price price		Last Ask [7]	P/E after Ye	ar Volume	Trades		Company Mkt Value (thou. €)	Year Year Sector[low high 4]
11,720,024 0.540			21/08/2014 01/08/20	18	FLEXOPACK SA (CR)	6.8	-1.45 Œ	6.9 27/11/2018	6.8	6.8 6.8 6.8	6.8 400@6.25	52@6.80		12	! 1	81.60	79,696.16	5.35 7.5 2723
10,500,000 4.00		0.28	0.31 05/06/2018 02/08/20	16	INTERCONTINENTAL (CR)	5.2	-3.70 Œ	5.4 27/11/2018	5.3	5 5.3 5.2	5.082 403@5.20	250@5.35	8.73 20	6 27,806	76	141,321.45	54,600.00	4.7 6.1 8674
76,000,000 1.00			03/07/2007 17/09/20	18	INTRACOM HOLDINGS (CR)	0.55	-18.76 Œ	0.677 27/11/2018	0.675	0.55 0.68 0.55	0.594 1500@0.548	240@0.589		133,565	267	79,363.40	41,800.00	0.551.7203 9578
30,477,156 0.300			12/08/2008 17/10/20	17	INTRACOM CONSTR. (CR)	0.99	-1.98 Œ	1.01 27/11/2018	1.02	0.97 1.02 0.99	0.992 1100@0.960	180@0.976		16,087	44	15,959.13	30,172.38	0.88 1.6 2357
77,654,850 0.300			01/07/2011 21/02/20	03	J & P - AVAX SA (CR)	0.334	-1.77 Œ	0.34 27/11/2018	0.34	0.334 0.34 0.334	0.337 250@0.329	2700@0.334		1,675	16	564.76	25,936.72	0.3125 1.05 2357
468,700	1	0.73	0.73 24/08/2017 21/05/20	04	MERMEREN KOMB. A.D. PR. (GDR)	51	-7.27 Œ	55 27/11/2018	55	51 55 51	51.738 15@50.20	166@51.00	2.25 20	7 42	. 6	2,173.00	23,903.70	14.8 67.6 1775
10,500,000 0.950			24/06/2008 30/06/20	17	MEVACO SA (CR)	0.945		0.945 27/11/2018	0.92	0.92 0.945 0.945	0.94 2000@0.930	447@0.950	20	7 126	2	118.42	9,922.50	0.91 1.15 2757
12,417,000 0.310			28/07/2008 28/08/20	17	MLS MULTIMEDIA SA (CR)	4.75	1.06 #	4.7 27/11/2018	4.61	4.6 4.75 4.75	4.7 60@4.62	90@4.79	32.26 20	7 2,950	24	13,863.90	58,980.75	3.99 4.75 9537
11,812,193 0.470			29/05/2018 15/11/20	06	PROFILE SA (CR)	1.185	-0.42 Œ	1.19 27/11/2018	1.165	1.165 1.205 1.185	1.176 556@1.17	2174@1.19		4,216	12	4,957.19	13,997.45	0.7 1.625 9533
27,345,120 0.470			18/07/2005 26/02/20	14	QUALITY & RELIABILITY SA (CR)	0.229	-2.55 Œ	0.235 27/11/2018	0.23	0.229 0.23 0.229	0.229 2000@0.220	3540@0.229		12,800	2	2,935.20	6,262.03	0.181 0.365 9533
11,913,632 0.680			05/09/2008 08/11/20	17	QUEST HOLDINGS (CR)	13.2	-1.49 Œ	13.4 27/11/2018	13.4	13.2 13.5 13.2	13.412 5@13.20	20@13.35		513	12	6,880.60	157,259.94	9.3 14.8 9533
3,125,463 0.300			16/11/1992 07/02/20	17	UNIBIOS (CR)	0.3	1.70 #	0.295 27/11/2018	0.295	0.29 0.3 0.3	0.293 50@0.275	164@0.300		1,612	! 12	471.93	937.64	0.255 0.82 2353
22,016,250 0.370			15/07/2009 11/05/20	00	ALUMIL (CR)	0.172	7	0.172 27/11/2018			1000@0.162	7600@0.169					3,786.80	0.1305 0.462 1753
24,060,000 0.300	0.01	0.01	0.01 02/07/2018 02/07/20	18	GEN. COMMERCIAL & IND.SA (CR)	0.62	-6.06 Œ	0.66 27/11/2018	0.62	0.62 0.655 0.62	0.63 100@0.605	1460@0.620		6,599	28	4,157.39	14,917.20	0.49 0.76 2797
13,673,200 0.880			18/07/2008 26/07/200	01	EVROFARMA SA (CR)	0.59	¬	0.59 27/11/2018	0.55	0.535 0.59 0.59	0.542 500@0.540	844@0.590		2,085	i 11	1,130.68	8,067.19	0.324 0.68 3577
27,848,000 0.300	0.0084		0.0034 20/08/2018 02/09/20	03	NEWSPHONE HELLAS SA (CR)	0.318	-1.85 Œ	0.324 27/11/2018	0.354	0.316 0.354 0.316	0.319 1300@0.322	1000@0.350		1,130	5	360.32	8,855.66	0.23 0.458 2791
11,250,000 0.520	0.04	0.04	24/07/2017 09/11/20	15	EKTER SA (CR)	1.22	-1.61 Œ	1.24 27/11/2018	1.24	1.21 1.26 1.22	1.23 2588@1.20	250@1.23		15,334	38	18,860.49	13,725.00	0.63 1.28 2357
82,667,000 0.300			22/07/20	14	ELTECH ANEMOS S.A. (CR)	1.58	0.32 #	1.575 27/11/2018	1.62	1.55 1.62 1.58	1.591 13840@1.58	22380@1.59		65,513	66	104,202.91	130,613.86	1.525 2.12 7537
18,410,839 1.00			07/07/2009 10/09/20	10	ELASTRON (CR)	1.145	-2.97 Œ	1.18 27/11/2018	1.15	1.135 1.15 1.145	1.144 400@1.13	550@1.14	-(6)- 20	7 1,425	12	1,630.13	21,080.41	1.06 1.74 1757
375,241,586 0.390			26/06/2008 14/07/200	06	ELVALHALCOR (CB)	1.19	-0.83 Œ	1.2 27/11/2018	1.19	1.175 1.205 1.19	1.19 1000@1.18	122@1.20		62,734	107	74,625.08	446,537.49	1.1 2.1 1755
19,864,886 5.60	0.672	0.672	0.672 08/03/2018 02/07/20	08	BANK OF GREECE (CR)	12.5	1.21 #	12.35 27/11/2018	12.4	12.4 12.5 12.5	12.422 1334@12.40	480@12.50		5,504	44	68,369.25	248,311.08	11.9 19.2 8355
36,300,000 1.12	0.25	0.228	0.221 28/06/2018 12/12/20	07	THESSALONIKA WATER & SEWERAG	GE 4.17	¬	4.17 27/11/2018	4.16	4.16 4.17 4.17	4.169 77@4.11	163@4.17		177	8	737.89	151,371.00	4 5.22 7577
122,156,754 0.440			24/11/2014 28/03/20	18	IASO SA (CR)	1.155	-0.86 Œ	1.165 27/11/2018	1.15	1.145 1.175 1.155	1.163 500@1.15	500@1.16		262,097	155	304,754.38	141,091.05	0.65 1.205 4533
28,580,100 0.400			0.22 01/10/2018 04/07/20	16	IKTINOS HELLAS SA (CR)	4.55	-0.22 Œ	4.56 27/11/2018	4.4	4.33 4.55 4.55	4.46 183@4.42	1463@4.56		20,546	141	91,632.53	130,039.46	2.18 6.56 2353
8,226,132 0.900			15/05/2009 13/10/20	14	ILYDA S.A. (CR)	0.202	7	0.202 27/11/2018			1000@0.182	2276@0.204	6.37 20	6			1,661.68	0.164 0.268 9537
11,233,200 0.730			12/07/2010 30/07/19	99	INTERTECH SA (CR)	0.2	-24.81 Œ	0.266 27/11/2018	0.196	0.196 0.258 0.258	0.2 400@0.202	100@0.256	20	7 430) 4	86.14	2,246.64	0.188 0.54 9572
19,804,134 0.300			01/07/2004 06/11/20	17	KEKROPS SA (CR)	1.48	-3.90 Œ	1.54 27/11/2018	1.54	1.47 1.54 1.48	1.487 2661@1.47	500@1.50	20	7 14,910	61	22,164.87	29,310.12	0.72 1.84 8633
33,065,136 0.380	0.06	0.09	0.115 23/08/2018 16/09/20	13	KRI-KRI S.A. (CR)	4.25	-1.16 Œ	4.3 27/11/2018	4.34	4.25 4.34 4.25	4.259 8151@4.25	5634@4.40	19.15 20	7 3,787	15	16,127.40	140,526.83	3 4.9 3577
7,595,160 0.600			0.0263 04/09/2018 18/08/20	10	KIRIAKOULIS SHIPPING SA (CR)	0.85	7	0.85 27/11/2018			500@0.810	150@1.00					6,455.89	0.62 1.61 5759
9,819,370 0.690			14/08/2007 09/01/20	04	MATHIOS REFRACTORY SA (CR)	0.2	¬	0.2 27/11/2018			1300@0.181	1000@0.220					1,963.87	0.148 0.362 2353
294,016,812 0.300			08/07/2008 21/03/20	16	NIREFS SA (CR)	0.179	5.29 #	0.17 27/11/2018	0.17	0.16 0.188 0.179	0.166 3000@0.167	4453@0.179		163,740	47	27,220.65	52,629.01	0.118 0.337 3573
25,118,410 0.610			17/08/2000 10/09/20	18	PAPOUTSANIS (CR)	0.808	-1.46 Œ	0.82 27/11/2018	0.82	0.78 0.82 0.808	0.8 6@0.800	100@0.810	48.82 20	7 11,178	28	8,942.58	20,295.68	0.504 0.904 3767
17,240,776 0.370			14/07/2005 30/09/200	03	PERSEUS SA (CR)	1.02	4.08 #	0.98 27/11/2018	0.995	0.995 1.02 1.02	1.006 800@0.950	1688@1.02	9.52 20	7 2,046	8	2,058.80	17,585.59	0.33 1.14 3577
22,075,665 0.330	0.08	0.05	0.07 29/05/2018 27/04/20	15	PLAISIO COMPUTERS SA (CR)	3.94	-0.50 Œ	3.96 27/11/2018	3.94	3.94 3.94 3.94	3.94 28@3.85	38@3.94		364	3	1,434.16	86,978.12	3.66 4.74 9572
43,741,452 0.660			0.0471 18/05/2018 01/11/19	99	THRACE PLASTICS SA (CR)	1.94	3.74 #	1.87 27/11/2018	1.965	1.87 1.965 1.94	1.927 100@1.89	1098@1.94		14,961	75	28,822.89	84,858.42	1.84 2.98 1357
245,497,164 0.300			01/07/2008 30/07/20	12	SELONDA AQUACULTURE SA (CR)	0.0472	-0.42 Œ	0.047 27/11/2018	0.0474	0.045 0.0486 0.047	0.047 1400@0.045	18316@0.047		44,800	13	2,111.46	11,587.47	0.038 0.25 3573
40,693,350 5.00			03/07/2006 26/05/20	15	TECHNICAL OLYMPIC SA (CR)	1.2	7	1.2 27/11/2018	1.17	1.16 1.21 1.21	1.199 400@1.17	1491@1.20		12,892	26	15,457.02	48,832.02	1.16 2.57 3728
1,524,000 0.300			06/07/2007 06/02/20	13	GIRAKIAN PROFIL SA (CB)	0.83	-25.22 Œ	1.11 27/11/2018	1.43	0.83 1.43 0.83	1.006 6@0.830	9@1.09	2.70 20	7 151	7	151.93	1,264.92	0.044 2 1757
7,568,960 3.45	0.3099	0.1049	0.0527 25/06/2018 26/06/20	18	TITAN CEMENT CO. (PR)	18.7	0.27 #	18.65 27/11/2018	18.7	18.65 18.8 18.7	18.705 500@18.65	1950@18.70		8,746	21	163,590.80	1,648,902.94	15.1 20 2353

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Number of Outstanding Securities Nominal Value		idends [1] 2016 201	Date of Last Coupon Dividend [2] Right	Note	Shares	Closing price	% change	Previous closing price/date	Open price	Price Price Last min max price		Last Ask [7]	P/E after	Year	Volume	Trades	Transactions Value[8]	Company Mkt Value (thou. €)	Year Year Sector low high 4]
305,732,436 0.410			08/07/2009 28/09/2011		HYGEIA SA (CR)	0.95	7	0.95 27/11/2018	0.95	0.95 0.955 0.95	0.943296481@0.95	28670@0.955			155,686	29	147,903.70	290,445.81	0.558 0.988 453
10,203,575 0.730			16/07/2007 18/10/1999		FIERATEX SA (CR)	0.178	7	0.178 27/11/2018	0.178	0.178 0.178 0.178	0.178 800@0.131	2320@0.178		2017	110	1	19.58	3 1,816.24	0.128 0.318 376
8,340,750 1.16			25/06/2009 17/09/2018		HAIDEMENOS SA (CR)	0.54	6.93 #	0.505 27/11/2018	0.51	0.51 0.54 0.54	0.517 1@0.540	1000@0.595		2017	601	7	311.0	1 4,504.01	0.312 0.7 279
Main Market - L	ow L	iquidity	/ Class																
14,000,000 4.15			23/04/2010 29/06/1999		ALPHA REAL ESTATE SA(CR)	6.1	1.67 #	6 27/11/2018	5.9	5.8 6.1 6.1	6.039 147@6.10	100@6.15			1,355	28	8,182.50	85,400.00	5.7 7.5 863
215,805,843 0.300			20/07/2009 29/12/2010		ATTICA HOLDINGS (CR)	1.18	2.61 #	1.15 27/11/2018	1.13	1.1 1.18 1.18	1.139 190@1.14	450@1.16			4,583	22	5,221.4	6 254,650.89	1.11.7962 575
51,119,369 0.700			01/07/2008 01/03/2010		AUDIO VISUAL ENTERPRISES (CR)	0.113	¬	0.113 27/11/2018			6000@0.103	6000@0.110						- 5,776.49	0.087 0.169 555
15,816,009 0.300			01/07/2009 17/07/2000		BYTE COMPUTER SA (CR)	0.5	7	0.5 27/11/2018	0.488	0.48 0.5 0.5	0.482 100@0.488	1230@0.500			6,400	14	3,082.2	7,908.00	0.45 0.705 953
52,800,154 0.300			20/08/2014 21/06/2004		F.G. EUROPE S.A. (CR)	0.326	¬	0.326 27/11/2018			800@0.298							- 17,212.85	0.294 0.77 372
20,578,374 0.620	0.07	0.07	0.1 08/06/2018 18/05/2015		INFORM P. LYKOS SA (CR)	0.77	-1.28 Œ	0.78 27/11/2018	0.766	0.76 0.796 0.77	0.776 150@0.766	50@0.770			1,853	12	1,437.5	5 15,845.35	0.66 0.998 279
4,740,000 0.860			14/03/2003		LOGISMOS S.A. (CR)	0.39	7	0.39 27/11/2018			500@0.392	1400@0.428	45.76	2017				- 1,848.60	0.318 0.48 953
6,200,000 0.500			22/06/2010 01/11/1995		MINERVA KNITWEAR SA (CB)	0.162	7	0.162 27/11/2018				600@0.176						- 1,004.40	0.146 0.432 376
22,996,875 1.25			24/06/2011 02/02/2016		NEXANS HELLAS SA (CR)	1.64	¬	1.64 27/11/2018			500@1.63	663@1.67		2017				- 37,714.88	1.13 1.82 273
3,953,090 0.300	0.11	0.2	0.16 30/08/2018 05/12/2012		PAPERPACK (CR)	3	7	3 27/11/2018			100@3.02	410@3.18	8.50	2017				- 11,859.27	2.2 3.7 272
57,434,884 1.31			05/06/2008 12/06/2009		REDS S.A. (CR)	0.775	6.16 #	0.73 27/11/2018	0.71	0.71 0.79 0.79	0.745 1000@0.720	98@0.770			1,824	7	1,359.0	4 44,512.04	0.685 1.05 863
6,456,530 1.08			04/07/2018 02/08/2010		SPACE HELLAS SA (CR)	5.1	7	5.1 27/11/2018	5.1	5.1 5.1 5.1	5.1 27@4.94	380@5.10			50	1	255.00	32,928.30	3.6 7.25 957
80,690,653 0.500			25/04/2014 22/12/2016		TRASTOR REAL EST. INV. CO.(CR)	0.775	-3.13 Œ	0.8 27/11/2018	0.8	0.75 0.8 0.79	0.769 300@0.755	409@0.795	-(6)-	2017	1,200	5	923.00	62,535.26	0.685 0.9 867
417,608 16.00			0.75 05/04/2018 05/03/2013		ANDROMEDA SA (CR)	19.8	7	19.8 27/11/2018	20	20 20 20	20 52@20.20	1008@21.60	3.94	2017	1	1	20.00	8,268.64	18 23.6 898
15,300,000 0.300			30/07/2009 13/12/1999		ATTICA PUBLICATIONS SA (CR)	0.505	¬	0.505 27/11/2018				220@0.555						- 7,726.50	0.45 0.66 555
18,810,000 0.400			08/07/2010 14/11/2007		VARVERIS - MODA BAGNO SA (CR)	0.49	¬	0.49 27/11/2018				14975@0.442						- 9,216.90	0.442 0.49 235
23,986,500 1.05			26/06/2009 15/03/2000		BIOKARPET S.A.(CR)	0.52	¬	0.52 27/11/2018				450@0.520						- 12,472.98	0.296 0.705 372
4,968,600 2.88			01/07/1998 14/12/1998		VIS SA (CR)	0.935	¬	0.935 27/11/2018						2017				- 4,645.64	0.72 1.03 272
6,325,000 0.600		0.11	0.15 03/07/2018 17/02/2014		VOGIATZOGLOU SYSTEMS SA (CR)	2.1	¬	2.1 27/11/2018			100@1.90	80@2.08						- 13,282.50	1.36 2.32 279
8,418,750 0.300	0.12	0.3	0.28 19/06/2018 27/06/2012	!	GEKE SA (CB)	5.05	-0.98 Œ	5.1 27/11/2018	5	5 5.05 5.05	5.046 180@4.80	642@5.10	16.94	2017	200	3	1,009.10	0 42,514.69	4.38 5.9 575
15,000,000 0.300			06/07/2007 18/07/2000		DAIOS PLASTICS SA (CR)	2.8	¬	2.8 27/11/2018			200@2.70							- 42,000.00	2.52 2.88 135
34,720,000 0.310			16/06/2010 01/08/2007		DROMEAS SA (CR)	0.208	1.96 #	0.204 27/11/2018	0.208	0.208 0.208 0.208	0.208 2200@0.199	20@0.199			2,230	2	463.84	7,221.76	0.18 0.352 372
255,494,534 3.00	0.2035	0.2	0.22 08/05/2018 23/12/2015		NBG PANGAEA (CR)	4.72	¬	4.72 27/11/2018	4.72	4.72 4.72 4.72	4.72 300@4.84				29	1	136.88	3 1,205,934.20	4.26 5.25 867
3,307,500 0.710			11/08/2010 15/12/2017		ELVE SA (CR)	3.18	7	3.18 27/11/2018	3.18	3.18 3.18 3.18	3.18 25@3.22	485@3.48			125	3	397.50	10,517.85	2.48 3.58 376
31,734,530 1.60			09/07/2007 19/07/2006		ELGEKA SA (CR)	0.139	¬	0.139 27/11/2018			5700@0.129	300@0.139						- 4,411.10	0.126 0.264 357
23,828,130 0.500	0.16	0.052	0.06 18/07/2018 17/02/2009		ELINOIL S.A. (CR)	1.3	¬	1.3 27/11/2018			450@1.28	2250@1.30						- 30,976.57	1.23 1.95 53
26,730,187 0.520			0.04 09/07/2018 01/08/2017		ELTON SA (CR)	1.185	¬	1.185 27/11/2018			30@1.12	188@1.19	15.26	2017				- 31,675.27	1.09 1.71 135
14,050,971 0.340			13/12/2017 21/02/2018		ELTRAK SA (CR)	2.1	3.96 #	2.02 27/11/2018	2.02	2.02 2.1 2.1	2.036 1099@2.02	263@2.12			1,250	5	2,545.0	29,507.04	1.96 3.82 275
27,503,677 0.630	0.06	0.1	0.12 30/05/2018 18/10/1999		EUROPEAN RELIANCE INSUR. (CR)	3.38	¬	3.38 27/11/2018			30@3.31	881@3.34						92,962.43	3.26 4.05 853
86,735,980 0.310			06/07/2009 02/01/2002		ATHENS MEDICAL CENTER SA (CR)	1	-3.85 Œ	1.04 27/11/2018	1.03	1 1.03 1	1.011 700@0.995	1000@1.03			12,377	42	12,514.0	6 86,735.98	0.96 1.62 453
8,298,467 0.400			30/08/1993 08/05/2013		IDEAL GROUP SA (CR)	0.835	¬	0.835 27/11/2018	0.85	0.835 0.85 0.835	0.845 44@0.835	118@0.880			306	3	258.60	6,929.22	0.675 0.995 957
2,566,836 0.440			13/08/2010 09/01/2007		INTERWOOD-XYLEMPORIA (PR)	0.066	¬	0.066 27/11/2018			18451@0.073							- 2,950.83	0.060.0725 235
34,986,430 0.440			25/07/2008 23/02/2010		INTERWOOD-XYLEMPORIA (CR)	0.0795	¬	0.08 27/11/2018	0.079	0.079 0.0795 0.0795	0.079 2000@0.073				1,687	2	133.3	7 2,950.83	0.078 0.148 235
7,500,000 0.330			19/06/2015 11/07/2018		S.KANAKIS SA (CR)	3.52	7	3.52 27/11/2018	3.56	3.56 3.56 3.56	3.56 916@3.40	74@3.68	12.01	2017	30	1	106.80	26,400.00	3.16 4.2 357
9,742,920 0.400	0.01		12/08/2016 14/07/2000		KARAMOLEGOS SA (CR)	1.7	7	1.7 27/11/2018	1.53	1.53 1.53 1.53	1.53 2@1.53	7429@1.53			4	2	6.12	2 16,562.96	1.53 2.46 357

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Number of Outstanding Securities		/idends 2016	[1] Date of Las 2017 Dividend [2]		Note	Shares	Closing price	% change	Previous closing price/date	Open price		rice Last Avg nax price pric		Last Ask [7]	P/E after	Year	Volume Tra	ades T	ransactions	Company Mkt Value (thou. €)	Year Year low high	Sector 4]
14,679,792 1.68		0.07	28/06/2017	7 04/09/2000		KARATZIS SA (CR)	5.8	7	5.8 27/11/2018	5.6	5.6	5.8 5.8	5.74 25@5.80	300@5.95			620	5	3,558.50	85,142.79	5.2 7.95	5 272
2,760,000 11.83	8.5	9.2	9.2 23/07/2018	3 16/07/1990		KARELIA TOBACCO CO. SA (CB)	250	¬	250 27/11/2018				6@250.00	44@268.00						690,000.00	244 306	6 378
6,700,000 0.800	0.023	0.028	0.028 28/06/2018	3 29/05/2014		MILLS KEPENOS (CR)	1.3	¬	1.3 27/11/2018				100@1.26		28.10	2017				8,710.00	1.17	2 357
40,219,218 0.300			02/07/2018	3 09/07/2013		KLOUKINAS - LAPPAS SA (CR)	0.564	0.36 #	0.562 27/11/2018	0.574	0.526	0.574 0.57	0.547 200@0.532	100@0.570			790	10	432.24	22,683.64	0.512 0.842	2 235
11,510,102 0.890			24/06/2005	06/10/1999		NAFPAKTOS TEXTILE IND. SA (CB)	0.442	0.46 #	0.44 27/11/2018	0.45	0.44	0.45 0.45	0.45 350@0.436				32,000	7	14,385.40	5,087.47	0.31 0.665	5 376
21,224,340 0.420		0.01	0.005 10/09/2018	3 25/04/2006		KORDELLOS BROS SA (CR)	0.346	¬	0.346 27/11/2018				100@0.316	100@0.340	36.42	2017				7,343.62	0.3 0.555	5 175
29,480,000 0.420			19/07/2010	01/08/2007		KRETA FARM SA (CR)	0.468	1.74 #	0.46 27/11/2018	0.46	0.441	0.47 0.468	0.459 150@0.444	750@0.468			1,000	7	459.08	13,796.64	0.414 0.84	4 357
18,017,472 0.360			15/06/2010	28/08/2017		KTIMA KOSTAS LAZARIDIS SA (CR)	0.745	9.56 #	0.68 27/11/2018	0.745	0.745	0.745 0.745	0.745 1960@0.640	3335@0.745			150	1	111.75	13,423.02	0.5 0.8	.8 353
21,364,000 1.12			0.2 28/06/2018	3 10/08/2005		LAMPSA HOTEL SA (CR)	18.2		18.2 27/11/2018	18.2	18.2	18.2 18.2	18.2 200@18.00	100@18.20			244	3	4,440.80	388,824.80	16.5 19	19 575
5,939,268 0.620			10/07/2003	3 03/01/2002		LANAKAM SA (CR)	0.33		0.33 27/11/2018	0.298	0.298 (0.298 0.298	0.298	1@0.298		2017	125	2	37.25	1,959.96	0.228 0.57	7 376
8,321,682 0.670			17/08/2007	7 23/11/1999		N. LEVEDERIS SA (CB)	0.165		0.165 27/11/2018					902@0.149		2017				1,956.42	0.125 0.208	8 175
2,160,524 0.670	0.0436	0.0436	07/08/2017	7 23/11/1999		N. LEVEDERIS SA (PB)	0.27	7	0.27 27/11/2018				4000@0.252	10000@0.290		2017				1,956.42	0.182 0.3	.3 175
17,120,280 0.940			01/06/2010	09/07/2018		LOULIS MILLS SA (CR)	1.97		1.97 27/11/2018				2864@1.96	56@1.99						33,726.95	1.9 2.56	6 35
106,980,050 2.25			25/07/2008	3 24/02/2014		MINOAN LINES SA (CR)	2.4	7	2.4 27/11/2018	2.42	2.4	2.42 2.4	2.4 1886@2.40	960@2.42			2,154	4	5,170.40	256,752.12	2.24 2.64	4 57
11,700,000 0.360			02/06/2009	9 04/07/2018		MOTODYNAMICS S.A. (CR)	0.795		0.795 27/11/2018				1000@0.790	400@0.870						9,301.50	0.61 1.2	.2 53
32,188,050 1.04			21/07/2008	3 20/01/2000		EL. D. MOUZAKIS SA (CB)	0.282	-8.44 Œ	0.308 27/11/2018	0.308	0.282 (0.308 0.282	0.29 2000@0.280	631@0.282			4,184	20	1,211.56	9,077.03	0.258 0.446	6 37
6,340,000 0.600			31/10/2018	3 06/11/2017		NAKAS MUSIC	1.58		1.58 27/11/2018				50@1.45		13.32	2017				10,017.20	1.15 1.85	5 53
3,873,120 0.300			07/07/2008	3 04/10/2012		DRUCKFARBEN HELLAS (CR)	1.4		1.4 27/11/2018	1.4	1.4	1.42 1.4	1.405 376981@1.40	3000@1.43			1,898	8	2,667.00	5,422.37	0.83 1.42	2 13
10,080,000 3.00	0.58	0.49	0.45 05/07/2018	3 27/08/2001		TPA SA (CR)	25.8		25.8 27/11/2018	25.5	25.5	25.8 25.8	25.65 350@25.80	3@26.30	35.91	2017	814	11	20,879.30	260,064.00	22.8 31.4	.4 27
4,971,466 1.46			04/07/2007	7 08/10/2003		PAIRIS SA (CR)	0.185	7	0.185 27/11/2018				700@0.169	2410@0.200						919.72	0.085 0.446	6 27
7,070,400 0.930			30/11/2016	6 06/05/2016		PETROPOULOS PETROS (CR)	6.6		6.6 27/11/2018	6.6	6.54	6.6 6.6	6.591 100@6.50	100@6.62			639	6	4,211.40	46,664.64	5.02 6.68	8 27
27,379,200 0.300 ((0.1808)		0.148 20/07/2018	3 24/08/2018		CRETE PLASTICS SA (CR)	12.4	7	12.4 27/11/2018	11.5	11.5	11.5 11.5	11.5 99@11.60	35@12.00			1	1	11.50	339,502.08	9.05 15.2	.2 13
21,912,599 0.300			11/04/2011	1 23/02/2007		REVOIL (CR)	0.446		0.446 27/11/2018	0.446	0.446	0.446 0.446	0.446 80@0.446	250@0.458			370	1	165.02	9,773.02	0.384 0.69	9 53
4,181,450 0.500			21/08/2000	05/03/2002		FLOUR MILLS SARANTOPOULOS SA	0.57	7	0.57 27/11/2018				327@0.515	664@0.625						2,383.43	0.515 0.7	.7 35
28,438,268 0.300			21/08/2006	5 24/11/1999		SPIROY AGRICULTURE SA (CR)	0.236		0.236 27/11/2018					112@0.214						6,711.43	0.159 0.384	4 135
Exchange Trac	ded F	unds	(ETFs)																			
642,382				15/06/2016		ALPHA ETF FTSE Athex Large Cap	16	¬	16 27/11/2018					37@16.00							11.532 22.9	.9 1200
Surveillance																						
5,867,311 0.300			11/08/2010	28/04/2017	5123	DIONIC (CR)	0.75	¬	0.75 27/11/2018					1192@0.600						4,400.48	0.179 0.935	5 27
163,854,177 0.300				19/09/2016	5161	Forthnet (CR)	0.246	¬	0.246 27/11/2018					2000@0.197						40,308.13	0.0915 0.446	6 95
355,437,751 0.360			07/07/2010	21/09/2017	5160	FRIGOGLASS SA (CR)	0.13	-3.70 Œ	0.135 27/11/2018	0.131	0.13 (0.131 0.13	0.13 2000@0.127	123670@0.130		2016	122,599	11	15,938.57	46,206.91	0.13 0.266	6 27
51,081,030 1.00			20/08/2007	7 03/09/2007	4912	LAVIPHARM SA (CR)	0.143		0.143 27/11/2018				1980@0.115	1000@0.140						7,304.59	0.117 0.25	5 45
4,419,616 1.58			21/07/2011	1 04/03/2015	4983	MEDICON S.A (CR)	1.2		1.2 27/11/2018				1000@1.16	517@1.20						5,303.54	0.66 1.5	.5 45
14,967,940 0.500			21/05/2008	3 04/01/2008	4956	PASAL DEVELOPMENT S.A. (CR)	0.073		0.073 27/11/2018				100@0.073							1,092.66	0.06 0.142	2 86
65,326,268 0.530			04/07/2007	7 19/07/2006	4750	SATO SA (CR)	0.03		0.03 27/11/2018	0.03	0.03	0.03 0.03	0.03 1000@0.025				2,240	3	67.20	1,959.79	0.024 0.082	32 37
13,191,620 0.620						YALCO - CONSTANTINOU SA (CB)	0.178		0.178 27/11/2018					303@0.143						2,348.11	0.0565 0.181	1 37.
33,301,715 0.320			27/06/2003			* *	0.03		0.03 27/11/2018	0.0255	0.025	0.029 0.029	0.027 3819@0.029	9240@0.036			2,617	11	70.60	999.05	0.024 0.09	9 23
13,000,000 1.00						AKRITAS SA (CR)	0.278	7	0.278 27/11/2018	0.23	0.23	0.23 0.23	0.23 30@0.230	100@0.300			20	2	4.60	3,614.00	0.12 0.52	
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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		ice Last Av nax price pri		Last Ask [7]	P/E after	Year	Volume	rades T		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)	0.04	7	0.04 27/11/2018	0.04	0.04	.042 0.042	0.041 8804@0.042	7960@0.048			2,685	9	110.35	7,662.32	0.0345 0.1 5759
312,163 0.300			02/07/2008 28/02/2011	4959 ANEK LINES SA (PR, issue '90)	0.06		0.06 27/11/2018											7,662.32	0.048 0.092 5759
2,969,713 0.300			02/07/2008 28/02/2011	4958 ANEK LINES SA (PR, issue '96)	0.077		0.077 27/11/2018					110@0.062						7,662.32	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 27/11/2018					1@0.039						227.40	0.034 0.17 3726
1,638,344 0.300			25/06/2002 09/10/2018	5162 VARVARESSOS SA (CB)	0.436		0.436 27/11/2018					57@0.350		2017				714.32	0.225 1.08 3763
17,579,754 4.16			18/08/2006 02/08/2010	5156 BIOTER SA (CR)	0.094	2.17 #	0.092 27/11/2018	0.1	0.09	0.1 0.095	0.093 5000@0.086	7109@0.095			16,500	13	1,542.00	1,652.50	0.05 0.144 2357
77,126,446 0.340			23/05/2005 18/08/2011	5094 G.E. DIMITRIOU (CR)	0.0115		0.012 27/11/2018	0.01	0.01	.012 0.012	0.01 1991@0.011				19,569	10	199.09	886.95	0.01 0.033 3722
15,878,748 0.480			10/07/2006 22/03/2004	5095 DOMIKI KRITIS SA (CR)	0.0625		0.063 27/11/2018				1400@0.051	3516@0.075						992.42	0.0485 0.183 2357
3,961,300 1.28			29/06/2004 03/08/2000	5080 DUROS SA (CR)	0.236		0.236 27/11/2018					10@0.189		2017				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 27/11/2018											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 27/11/2018	0.11	0.11	0.11 0.11	0.11 1200@0.095	1221@0.110		2016	1,800	2	198.00	5,701.36	0.083 0.276 3763
11,125,110 0.300			02/06/2010 06/11/2017	5178 EUROCONSULTANTS S.A. (CR)	0.198		0.198 27/11/2018					2500@0.190						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 27/11/2018				6000@0.028			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 27/11/2018					500@0.037						351.91	0.0165 0.122 5557
15,842,391 1.51			15/07/2009 12/05/2000	5141 BITROS HOLDING SA (CR)	0.169	¬	0.169 27/11/2018				600@0.136	3800@0.168						2,677.36	0.096 0.224 1757
119,596,817 0.300			15/07/2008 27/04/2017	5190 NIKAS SA (CR)	0.35		0.35 27/11/2018	0.34	0.34	0.34 0.34	0.34 284@0.340				90	1	30.60	41,858.89	0.28 0.5 3577
24,319,250 0.300			09/07/2002 04/07/2007	5165 PROODEFTIKH SA (CR)	0.119		0.119 27/11/2018	0.096	0.096	0.12 0.12	0.108	250@0.120			1,531	4	165.72	2,893.99	0.047 0.139 2357
10,186,667 1.35			24/06/2008 02/02/2016	4887 SIDMA SA (CR)	0.36		0.36 27/11/2018					1358@0.300						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 27/11/2018					600@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 27/11/2018					143@2.42		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 27/11/2018				5000@0.600			2017				1,846.90	0.53 0.79 3763
Suspension Sta	atus																		
215,246,452 0.300			25/06/2001 24/09/2001	5164 ALTEC SA (CR)	0.012		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				5174 EUROMEDICA SA (CR)	0.448		0.448 30/04/2018											9,775.54	0.0825 0.45 4533
66,948,210 0.300			22/09/2015 22/09/2015		4.8	7	4.8 24/05/2018												4.8 19.9 5379
2,235,600 0.350				5180 AEOLIAN INVESTMENT FUND (CR)	0.41		0.41 19/07/2018												0.352 0.65 8985
5,000,000 0.400				5087 ALCO HELLAS SA (CR)	0.18		0.18 31/03/2015											900.00	0.18 0.18 1753
14,870,100 0.300				5130 ALPHA GRISSIN S.A. (CR)	0.014		0.014 13/04/2017											208.18	0.014 0.014 9533
81,644,555 0.300			01/07/2008 02/09/2002		0.012		0.012 29/05/2015											979.73	0.012 0.012 2357
20,121,710 1.21			27/07/1992 12/03/2003	* *	0.19	7	0.19 29/08/2013												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				5172 EUROBROKERS S.A. (CR)	0.008		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			13/08/2010 21/05/2003	* *	0.000		0.1 29/08/2013											9,186.78	0.1 0.1 2357
25,968,987 0.700			13/08/2010 21/05/2003		0.096		0.096 29/08/2013												0.096 0.096 2357
23,700,707 0.700	4		13/00/2010 21/03/2003	WIGHANIN SA (FR)	0.090	7	0.070 2710012013											7,100.70	0.070 0.070 2337

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Number of Outstanding Securities			nds [1])16 20		ast Coupo	n Note	Shares	Closing price	% change	Previous closing price/date	Open price	Price min	Last Avg price price	Last	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]
25,179,640 0.60	0	-		08/08/1	94 19/09/2	000 5191	J.BOUTARIS & SON HOLD. SA (CB)	0.026	7	0.026 01/10/2018			 									742.4	5 0.0	24 0.066 353!
1,540,000 0.60	0	-		08/08/1	94 19/09/2	000 5192	J.BOUTARIS & SON HOLD. (PB)	0.057	¬	0.057 01/10/2018			 									742.4	5 0.0	57 0.09 353
23,935,280 0.30	0			29/06/20	009 13/06/2	000 5153	NAYTEMPORIKI PUBLISHING SA(CR)	0.107	¬	0.107 02/10/2017			 									2,561.0	7 0.1	07 0.107 555
255,459,600 0.30	0	-		26/06/20	000 03/12/2	010 5101	NEL SA (CR)	0.07	7	0.07 31/08/2015			 									17,882.1	7 0.	07 0.07 5759
23,463,874 0.80	0	-		23/05/2	003 21/12/1	999 4918	NEORION SA (CR)	0.125	¬	0.125 30/08/2012			 									2,932.9	B 0.1	25 0.125 275 3
18,750,000 0.30	0	-		02/07/2	001 31/12/2	012 5154	PEGASUS PUBLISHING S.A. (CR)	0.089	¬	0.089 02/10/2017			 									1,668.7	5 0.0	89 0.089 555
144,688,060 0.60	0	-		21/04/2	008 10/03/2	010 4982	T BANK (CR)	0.048	¬	0.052 #29/11/2011			 									6,945.0	3 0.0	48 0.048 835
284,465,964 3.70	0	-		20/06/2	008 15/06/2	009 4913	TT HELLENIC POSTBANK (CR)	0.168	¬	0.239 #29/08/2012			 									47,790.2	8 0.1	68 0.168 835
13,920,000 0.32	0	-		19/11/2	01 01/08/2	000 4726	TEXAPRET SA (CR)	0.08	¬	0.08 28/02/2011			 									1,113.6	0.	08 0.08 376
100,793,572 0.30	0	-		16/07/2	009 11/02/2	016 5110	TELETIPOS SA (CR)	0.06	¬	0.06 07/03/2016			 									6,047.6	1 0.	06 0.06 5553
510,840 1.00	0	-		15/07/2	008 21/11/2	013 5036	TROPEA HOLDING (CR)	2	¬	0.02 #30/03/2012			 									1,021.6	В	2 2 3722
4,034,950 0.68	0	-		01/07/2	005 30/12/2	010 5171	CHATZIKRANIOTIS & SONS SA (CR)	0.14	¬	0.14 27/04/2018			 									564.8	9 0.1	02 0.18 357

Daily Official ListYear: 139 Trading Day No: 229Section 2: Shares' NotesWednesday, 28 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: 229Section 2: Shares' NotesWednesday, 28 November, 2018

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

Daily Official List				Year: 139 Trading D	ay No: 229
Section 3: Figures of Securities Transactions				Wednesday, 28 Nove	mber, 2018
Securities Blocks Details					
Securities	Block Volume	Price	Block Trade Value	Time of approval	Note
EUROBANK ERGASIAS (CR)	1,000,000	0.486	485,900.00	13:20:50	20
NATIONAL BANK (CR)	350,000	0.940	329,000.00	16:54:18	20
OTE (CR)	66,438	10.10	671,023.80	17:13:04	20

Blocks Notes

9 - Method 6-1 / Special Fees

10 - Method 6-1 / Special Fees, SDS

14 - Method $6\mbox{-}3$ / 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: 229Section 3: Figures of Securities TransactionsWednesday, 28 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: 229
Section 3: Figures of Securities Transactions				Wednesday, 28 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 Year: 139 Trading Day No: 229 Wednesday, 28 November, 2018 Section 3: Figures of Securities Transactions 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 I	Day No: 229
Section 3: Figures of Securities Transactions	i							Wednesday	y, 28 Nov	ember, 2018
Exchange Traded Funds (ETFs) C	Characteristics									
	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	28/11/2018	5,000	629,082	13,300		642,382	10,232,820.00	15.9295	0.43	30/06/2018

ETFs Notes

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

^{[2] -} 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: 229 Wednesday, 28 November, 2018

Convertible Conver	porate Bonds -	 Regulated Market

Num Liste Bonds	ed Nominal price	Issue price	Today's Rate	Exp. Date	Duration (years)	Note	Common	Preffered	Tradin g Corporate Bonds	Price min Price	e max	Closing price	Previous price/	Volume	Transactions Value	Last o	order Buy / Se	ell	Date	ear min	Year max
179,991	,941 0.30	0.30	1.00	11/10/2025	9		9		1 FORTHNET S.A. (Convertible)				•••	 		1.0610)	B 28	3/11/2018 1	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: 229

Wednesday, 28 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	Tradii g	Corporate Bonds	Accrued Yield.T.Mat Int.	Price min	Price max	Closing price	Previous closing price/date	Volume	Transactions Value	Last order Price Buy	r y / Sell	Date	ear min	Year max
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)	21.5875 6.9690	91.5700	93.1400	92.3969	93.5470 27/11/2018	53,000	50,107.19	92.0000	В	28/11/2018	92.3969	100.0000
90,000	1,000.00	1,000.00	3.00	11/05/2023	5		2		1	CORAL A.E. (Non Convertible)	1.5000 2.9230	100.0100	100.9900	100.1100	100.5290 27/11/2018	163,000	164,676.00	100.1100	В	28/11/2018	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)	6.2542 4.0840	98.4520	98.9000	98.7732	99.6000 27/11/2018	53,000	52,681.27	98.5000	В	28/11/2018	98.6744	102.9900
60,000	1,000.00	1,000.00	3.85	21/07/2022	5		3		1	TERNA ENERGY FINANCE S.A. (Non Convertible)	13.9028 3.3680	101.0000	101.0000	101.0000	101.0380 27/11/2018	23,000	23,549.76	101.0000	В	28/11/2018	99.3154	103.4900
300,000	1,000.00	1,000.00	3.10	27/06/2022	5		3		1	MYTILINEOS HOLDINGS S.A. (Non Convertible)	13.4333 2.8850	100.2500	100.4000	100.2821	100.2500 27/11/2018	195,000	198,169.50	100.1510	В	28/11/2018	100.1901	103.4800
50,000	1,000.00	1,000.00	4.25	20/06/2022	5		3		1	SYSTEMS SUNLIGHT S.A. (Non Convertible)	19.1250 4.0740				99.7570 27/11/2018			99.5000	В	28/11/2018	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)	6.8056 2.7800	101.6200	102.0300	101.7000	101.7000 27/11/2018	74,000	75,912.76	101.7000	В	28/11/2018	101.3000	103.1500
40,000,000	1.00	1.00	5.00	04/10/2021	5		9		1	HOUSEMARKET S.A. (Non Convertible)	0.0079 3.8160				102.0000 27/11/2018			101.8100	В	28/11/2018	98.9369	105.1000

Corporate Bonds Notes

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

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

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

Hellenic Exchanges – Athens Stock Exchange S.A.

Market Operation & Development Division - Statistics & Information Services

Daily Official List

Section 5: Bonds traded in Fixed Income Assets Market

Year: 139 Trading Day No: 229 Wednesday, 28 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		Price 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								1.0000	В	28/11/2018
4,355,990,324	1.00	3.50	Actual/Actual	30/01/2023	5		01/02 - 31/01	3.50	1	GGB-FXD-300123-05Y-3.500-1.00					94.5720 13/07/2018			1.0000	В	28/11/2018
5,962,747,327	1.00	3.75	Actual/Actual	30/01/2028	10		/02 - 01/02 - 31/	3.75	1	GGB-FXD-300128-10Y-3.750-1.00	-				85.4610 13/07/2018			1.0000	В	28/11/2018
6,091,218,404	1.00	3.90	Actual/Actual	30/01/2033	15		/02 - 01/02 - 31/	3.90	1	GGB-FXD-300133-15Y-3.900-1.00					78.6730 13/07/2018			1.0000	В	28/11/2018
4,805,399,486	1.00	4.00	Actual/Actual	30/01/2037	19		/02 - 01/02 - 31/	4.00	1	GGB-FXD-300137-19Y-4.000-1.00					77.0370 13/07/2018			1.0000	В	28/11/2018
4,603,713,186	1.00	4.20	Actual/Actual	30/01/2042	24		/02 - 01/02 - 31/	4.20	1	GGB-FXD-300142-24Y-4.200-1.00					77.7640 13/07/2018			1.0000	В	28/11/2018
550,418,123	1.00	3.00	Actual/Actual	24/02/2023	11		24/02	3.00	1	GGB-FXD-240223-11Y-2.000-1.00					10.0000 22/06/2015					
445,007,576	1.00	3.00	Actual/Actual	24/02/2024	12		24/02	3.00	1	GGB-FXD-240224-12Y-2.000-1.00					10.0000 22/06/2015					
423,674,226	1.00	3.00	Actual/Actual	24/02/2025	13		24/02	3.00	1	GGB-FXD-240225-13Y-2.000-1.00	-				10.0000 22/06/2015					
212,292,153	1.00	3.00	Actual/Actual	24/02/2026	14		24/02	3.00	1	GGB-FXD-240226-14Y-2.000-1.00	**				10.0000 22/06/2015					
160,621,352	1.00	3.00	Actual/Actual	24/02/2027	15		24/02	3.00	1	GGB-FXD-240227-15Y-2.000-1.00					10.0000 22/06/2015					
183,244,055	1.00	3.00	Actual/Actual	24/02/2028	16		24/02	3.00	1	GGB-FXD-240228-16Y-2.000-1.00					10.0000 22/06/2015					
164,802,894	1.00	3.00	Actual/Actual	24/02/2029	17		24/02	3.00	1	GGB-FXD-240229-17Y-2.000-1.00					10.0000 22/06/2015					
165,460,943	1.00	3.00	Actual/Actual	24/02/2030	18		24/02	3.00	1	GGB-FXD-240230-18Y-2.000-1.00					10.0000 22/06/2015					
129,007,241	1.00	3.00	Actual/Actual	24/02/2031	19		24/02	3.00	1	GGB-FXD-240231-19Y-2.000-1.00	-				10.0000 22/06/2015					
126,192,683	1.00	3.00	Actual/Actual	24/02/2032	20		24/02	3.00	1	GGB-FXD-240232-20Y-2.000-1.00	-				10.0000 22/06/2015					
146,905,168	1.00	3.00	Actual/Actual	24/02/2033	21		24/02	3.00	1	GGB-FXD-240233-21Y-2.000-1.00	-				10.0000 22/06/2015					
154,475,606	1.00	3.00	Actual/Actual	24/02/2034	22		24/02	3.00	1	GGB-FXD-240234-22Y-2.000-1.00					10.0000 22/06/2015					
144,429,441	1.00	3.00	Actual/Actual	24/02/2035	23		24/02	3.00	1	GGB-FXD-240235-23Y-2.000-1.00					10.0000 22/06/2015					
166,211,676	1.00	3.00	Actual/Actual	24/02/2036	24		24/02	3.00	1	GGB-FXD-240236-24Y-2.000-1.00					10.0000 22/06/2015					
145,461,669	1.00	3.00	Actual/Actual	24/02/2037	25		24/02	3.00	1	GGB-FXD-240237-25Y-2.000-1.00	-				10.0000 22/06/2015					
146,941,087	1.00	3.00	Actual/Actual	24/02/2038	26		24/02	3.00	1	GGB-FXD-240238-26Y-2.000-1.00					10.0000 22/06/2015					
135,115,612	1.00	3.00	Actual/Actual	24/02/2039	27		24/02	3.00	1	GGB-FXD-240239-27Y-2.000-1.00					10.0000 22/06/2015					
141,909,637	1.00	3.00	Actual/Actual	24/02/2040	28		24/02	3.00	1	GGB-FXD-240240-28Y-2.000-1.00					10.0000 22/06/2015					
136,788,720	1.00	3.00	Actual/Actual	24/02/2041	29		24/02	3.00	1	GGB-FXD-240241-29Y-2.000-1.00	-				10.0000 22/06/2015					
163,643,410	1.00	3.00	Actual/Actual	24/02/2042	30		24/02	3.00	1	GGB-FXD-240242-30Y-2.000-1.00					10.0000 22/06/2015					
742,153	1,000.00	0.93 FLR	Actual/360	10/08/2019	5		10/02 - 10/08		1	GGB-FLT-100819-05Y-0.934-1,000	-							50.0001	В	12/12/2017
3,000,000	1,000.00	3.38	Actual/Actual	15/02/2025	7		15/02	3.38	1	GGB-FXD-150225-07Y-3.375-1.000										
2,456,470	1,000.00	4.75	Actual/Actual	17/04/2019	5		17/04	4.75	1	GGB-FXD-170419-05Y-4.750-1,000										

Government Bonds Notes

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

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

FLR: Floating Interest Rate.

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

Hellenic Exchanges – Athens Stock Exchange S.A.

Market Operation & Development Division - Statistics & Information Services

Daily Official List

Year: 139 Trading Day No: 229

Section 5: Bonds traded in Fixed Income Assets Market

Wednesday, 28 November, 2018

Treasury Bills & Zero Coupon Government Bonds

				13-W	leek Maturi	ty							26-V	leek Maturi	ty							52-V	leek Maturit	ıy			
Issue Date	Exp. Date	Initial Rate	Num Listed Bonds	Nominal price	Issue price	Last T Price	rade Date	Volume Traded	Note	Exp. Date	Initial Rate	Num Listed Bonds	Nominal price	Issue price	Last T Price	rade Date	Volume Traded	Note	Exp. Date	Initial Rate	Num Listed Bonds	Nominal price	Issue price	Last T Price	Trade 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: 229

Section 5: Government Bonds Traded with the Open Outcry Method

Wednesday, 28 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 22/0000	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

lember Name				Stock Market		Derivat	ives Market	ATHE	XClear Membe
ddress	Phone	Fax	Market Member	Remote Member	Market Maker	Proprietary	Market Maker	General Clearing	Direct Clearing
IVESTMENT BANK OF GREECE S.A.			а		а	а	a	а	
2 , EGIALIAS & PARADISOU MAROUSI	+30 2108173111	+30 210-6896325							
CHR. MAVRIKIS SECURITIES S.A.			а						
SOFOKLEOUS ATHINA	+30 2103216730	210-3217767							
APPA SECURITIES S.A.			а			а			
5, VALAORITOU ATHINA	+30 2103678600	+30 210-3641002							
ARAMANOF SECURITIES AND INVESTMENT SERVICES S.A.			а			а			
SQ. AGION THEODORON ATHINA	+30 2103212947	+30 210-3217088							
AIKI FINANCIAL SERVICES LTD				а					
, AVE. VYRONOS NICOSIA	357 22367367	357 22718567							
ON DEPOLAS SECURITIES S.A.			а		а	а			
CHRISTOU LADA ATHINA	+30 2103213276	+30 210-3211618							
EGA EQUITY SECURITIES & FINANCIAL SERVICES PUBLIC LTD			а	а		а			
-44, AVE. GRIVA DIGENI NICOSIA	+357 22711711	357 22711811							
ERIT SECURITIES S.A			а		а	а			а
SOFOKLEOUS ATHINA	+30 2141008800	210-6971830			_	•			_
CHRYSSOCHOIDIS STOCK BROKERAGE I.S.S.A.	750 2141000000	210-07/1030	а			а			а
P, SOFOKLEOUS ATHINA	20 2102212012	20 210 2214115	а			a			a
	+30 2103213913	+30 210-3216115	-			_			
ATIONAL BANK OF GREECE S.A.	(040) 0000047	(040) 0000 (70	а		а	а		а	
, AKADIMIAS STR. ATHINA	(210)-3328817	(210)-3328678							
, AIOLOU STR. ATHINA	(210)-3341000	(210)-3228187							
ITIONAL SECURITIES S.A			а		а	а	а		
KIFISIAS AVE , BUILDING A ATHINA	+30 2107720000	+30 210-7720002							
INTIUS BROKERAGE AND INVESTMENT SERVICES S.A			а						
DRAGATSANIOU ATHINA	+30 2103350599	+30210-3254846							
IE PLUS CAPITAL LIMITED			а	а					
5 PRODROMOU AVENUE, ONEWORLD PARKVIEW HOUSE, 3RD FL	_OOR35M22873760								
ANTELAKIS SECURITIES S.A.			а		а	а	а		
, ETHNIKIS ANTISTASIS B CHALANDRI	+30 2106965000	210-6929550							
GASUS SECURITIES S.A			а			а			
, VALAORITOU & AMERIKIS ATHINA	+30 2103670700	+30 210-3670760							
RAEUS BANK S.A.			а			а		а	
AMERIKIS STR ATHINA	(210)-3335918	(210)-3254207							
AMERIKIS STR. ATHINA	(210)-3335000	(210)-3335079							
AMERIKIS ATHINA	+30 2103335000	210-3335077							
	₹30 Z 103333000	210-3333079	-			-	0		
RAEUS SECURITIES S.A.	20 210225 4100	210 2254170	а		а	а	а		а
STADIOU ATHINA	+30 2103354100	210-3354170	-			_			
PELIUM INVESTMENT SERVICES S.A.	. 20 2102/770//	20 210 7027402	а			а			
2, KIFISIAS ATHINA	+30 2103677044	+30 210-6926403							
ROCHOICE SECURITIES LTD			а	а					
, SPYROY KYPRIANOY NICOSIA	+357-24-661192	+357-24-662464							
HARELINK SECURITIES-FINANCIAL SERVICES LTD			а	а		а			
THEOTOKI MEGARO ELLINA NICOSIA	+357 22554200	+357 22750852							
CIETE GENERALE S.A.			а	а		а			
7 COURS VALMY 92987 PUTEAUX - LA DEFENSE PARIS	+33 157290504	+33142138697							
OLIDUS SECURITIES S.A			а			а			а
LOUIZIS RIANCOUR ATHINA	+30 2106900600	210-6985421							
EM. LAVRENTAKIS SECURITIES S.A.			а			а			
, sofokleous athina	+30 2103213336	+30 210-3246572							
IE CYPRUS INVESTMENT & SECURITIES CORPORATION LTD			а	а					
4, LIMASSOL AVENUE, STROVOLOS NICOSIA	+357 22121700	357 22338800							
S LIMITED			а	а					
FINSBURY AVENUE LONDON	+44 2075687135								

List of Stocks under Market Making operations

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

List of Stocks under Market Making operations

Securities	Stock Category
Market Maker	Start Market Making
HELLENIC EXCHANGES-A.S.E. (CR)	Main Market
HELLENIC-AMERICAN SECURITIES S.A.	01/09/2014
NATIONAL SECURITIES S.A	25/06/2013
PIRAEUS SECURITIES S.A.	04/05/2015
HELLENIC PETROLEUM (CR)	Main Market
HELLENIC-AMERICAN SECURITIES S.A. PIRAEUS SECURITIES S.A.	14/09/2015 20/03/2017
HYGEIA SA (CR)	20/03/2017 Main Market
HELLENIC-AMERICAN SECURITIES S.A.	18/04/2016
INTRACOM CONSTR. (CR)	Main Market
MERIT SECURITIES S.A	05/06/2018
INTRACOM HOLDINGS (CR)	Main Market
ALPHA FINANCE INVESTMENT SERVICES S.A.	03/08/2018
LEON DEPOLAS SECURITIES S.A.	08/10/2018
INTRALOT (CR)	Main Market
ALPHA FINANCE INVESTMENT SERVICES S.A.	03/07/2017
EUROBANK EQUITIES INVESTMENT FIRM S.A	18/12/2017
HELLENIC-AMERICAN SECURITIES S.A.	30/05/2018
PANTELAKIS SECURITIES S.A. DIDAELIS SECURITIES S.A.	07/05/2018 29/09/2012
PIRAEUS SECURITIES S.A. J & P - AVAX SA (CR)	28/09/2013 Main Market
EUROBANK EQUITIES INVESTMENT FIRM S.A	14/12/2015
JUMBO SA (CR)	Main Market
MERIT SECURITIES S.A	06/11/2017
PIRAEUS SECURITIES S.A.	06/03/2017
KLOUKINAS - LAPPAS SA (CR)	Main Market
BETA SECURITIES S.A.	22/09/2014
KRI-KRI S.A. (CR)	Main Market
EUROBANK EQUITIES INVESTMENT FIRM S.A	07/05/2018
LEON DEPOLAS SECURITIES S.A.	16/01/2017
LAMDA DEVELOPMENT SA (CR)	Main Market
EUROBANK EQUITIES INVESTMENT FIRM S.A PANTELAKIS SECURITIES S.A.	08/12/2014 06/11/2017
PIRAEUS SECURITIES S.A.	29/06/2017
LAMPSA HOTEL SA (CR)	Main Market
LEON DEPOLAS SECURITIES S.A.	16/01/2017
MARFIN INVESTMENT GROUP (CR)	Main Market
HELLENIC-AMERICAN SECURITIES S.A.	25/07/2014
LEON DEPOLAS SECURITIES S.A.	20/02/2017
PIRAEUS SECURITIES S.A.	02/02/2013
MLS MULTIMEDIA SA (CR)	Main Market
HELLENIC-AMERICAN SECURITIES S.A.	07/12/2015
MOTOR OIL (CR)	Main Market
HELLENIC-AMERICAN SECURITIES S.A. NATIONAL SECURITIES S.A	01/09/2014 17/02/2014
PIRAEUS SECURITIES S.A.	04/05/2015
MYTILINEOS HOLDINGS (CR)	Main Market
EUROBANK EQUITIES INVESTMENT FIRM S.A	20/09/2017
NATIONAL SECURITIES S.A	25/06/2013
PIRAEUS SECURITIES S.A.	04/05/2015
NATIONAL BANK (CR)	Main Market
ALPHA FINANCE INVESTMENT SERVICES S.A.	08/01/2013
EUROBANK EQUITIES INVESTMENT FIRM S.A	24/10/2012
HELLENIC-AMERICAN SECURITIES S.A.	25/07/2014
LEON DEPOLAS SECURITIES S.A.	20/04/2015
MERIT SECURITIES S.A	03/09/2013
NATIONAL SECURITIES S.A PIRAEUS SECURITIES S.A.	28/02/2013 08/09/2013
PIRAEUS SECURITIES S.A. OPAP (CR)	U8/09/2013 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

List of Stocks under Market Making operations

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

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Underlying Asset									Derivatives Ma	arket		h 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*	Life high	Life low	Trades	Volume	Open Interest	
FTSE/Athex Large Cap	-														(Trade Unit: 1 Index Point x 2€, Cash Settlement)	
1,606.24 1,590.61 1,598.16 0.23%	December 2018	1,590.00	1,599.50	1,581.00	1,598.25	1,598.25				1,588.25	1,710.00)	135	726	3,934	
	January 2019	1,590.00	1,590.00	1,590.00	1,590.00	1,590.00				1,589.00	1,708.50)	1	1	140	
	February 2019					1,601.50										
	March 2019					1,604.00										
	June 2019					1,612.75										
	September 2019					1,620.75									<u></u>	

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

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Open Interest (Contract Size: 100 Securities, Physical Deliver					rket	rivatives	D									g Asset	Underlyi	
	Volume	Trades	low	Life high Life	Fixing price*		Last Ask	Last Bid	ing price	st price Clos	rice min Las	rice max F	Open price P	Delivery Month	change	Closing price	Price min	Price ma
(Contract Size: 100 Securities, Physical Deli														-	A. (CR)	DING S.	(IPTO) HO	ADMIE
8,954	143	36		1.74	1.56				1.55	1.55	1.52	1.57	1.52	December 2018	1.18%	1.544	1.522	1.578
									1.54					March 2019				
									1.54					June 2019				
									1.55					September 2019				
(Contract Size: 100 Securities, Physical Deliv)	BANK (CI	ALPHA
25,044	2,602	132		1.70	1.11				1.09	1.09	1.08	1.13	1.11	December 2018	0.00%	1.106	1.08	1.139
279	5	2		1.26	1.11				1.13	1.13	1.13	1.13	1.13	March 2019				
									1.12					June 2019				
<u></u>									1.12					September 2019				
(Contract Size: 100 Securities, Physical Deliv																. (CR)	BANK S.	ATTIC/
339	3	3		0.176	0.111				0.125	0.125	0.124	0.126	0.126	December 2018	-9.97%	0.112	0.112	0.1212
									0.125					March 2019				
									0.126					June 2019				
									0.126					September 2019				
(Contract Size: 100 Securities, Physical Deliv																	C AG (CR)	CC HB
200	33	11		29.55	26.89				27.01	27.01	26.66	27.04	26.84	December 2018	1.66%	26.99	26.65	27.08
									26.71					March 2019				
									26.85					June 2019				
									26.99					September 2019				
(Contract Size: 100 Securities, Physical Deliv)	IGS (CB)	GY HOLD	CENEF
4,238	9	3		1.29	1.09				1.09	1.09	1.09	1.12	1.12	December 2018	-1.43%	1.1	1.074	1.108
				1.28	1.09				1.12					March 2019				
									1.13					June 2019				
									1.13					September 2019				
(Contract Size: 100 Securities, Physical Deliv																	TOR (CR)	ELLAK
4,399	533	41		1.79	1.14				1.14	1.14	1.11	1.14	1.12	December 2018	0.36%	1.132	1.104	1.14
							-		1.13					March 2019				
									1.14					June 2019				
							-		1.15					September 2019				
(Contract Size: 100 Securities, Physical Deliv															R)	SIAS (C	ANK ERG	EUROE
46,392	6,044	289		0.716	0.490				0.490	0.490	0.476	0.494	0.486	December 2018	-1.80%	0.491	0.4772	0.4974
1,000	841	31		0.522	0.488				0.487	0.487	0.473	0.493	0.493	March 2019				
									0.506					June 2019				
									0.508					September 2019				

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

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Open Interest (Contract Size: 100 Securities, Physical Delivery					Market	Derivative									g Asset	Underlyi	
	Volume	rades	Life low	Life high	Fixing price*	Ask	Last Bid	ing 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 Del																S.A. (CR)	EYDAP :
637	4	2	 3	5.53	5.07			4.98	4.98	4.98	4.98	4.98	December 2018	0.00%	4.95	4.92	5
			 					4.98					March 2019				
			 					5.01					June 2019				
			 					5.03					September 2019				
(Contract Size: 100 Securities, Physical Del																S (CR)	OURLIS
189	39	24	 	5.77	4.17			4.23	4.23	4.12	4.30	4.12	December 2018	0.72%	4.2	4.12	4.32
			 	4.24	4.16			4.20					March 2019				
1			 ·	4.55	4.21			4.22					June 2019				
<u></u>			 					4.24					September 2019				
(Contract Size: 100 Securities, Physical Del																RNA (CR)	GEK TE
4,920	60	11)	5.30	4.26			4.18	4.18	4.15	4.26	4.26	December 2018	-0.71%	4.22	4.135	4.245
10	10	2)	4.39	4.30			4.26	4.26	4.24	4.26	4.24	March 2019				
			 					4.30					June 2019				
			 					4.32					September 2019				
(Contract Size: 100 Securities, Physical Del														CR)	RTIES (C	A PROPE	GRIVAL
221	29	6	 j	8.35	7.77			7.70	7.70	7.60	7.70	7.65	December 2018	1.30%	7.77	7.53	7.78
			 3	8.38	7.77			7.72					March 2019				
			 					7.76					June 2019				
			 					7.80					September 2019				
(Contract Size: 100 Securities, Physical Del														.S.E. (CR)	NGES-A	IC EXCH	HELLEN
575	17	9	 2	4.52	3.52			3.54	3.54	3.51	3.57	3.52	December 2018	-1.54%	3.515	3.51	3.575
			 					3.59					March 2019				
			 					3.61					June 2019				
			 					3.63					September 2019				
(Contract Size: 100 Securities, Physical Del														CR)	LEUM (C	IC PETRO	IELLEN
2,791	162	38	 	7.87	6.78			6.73	6.73	6.73	6.82	6.75	December 2018	-0.43%	6.95	6.95	7.07
			 	7.34	6.85			7.02					March 2019				
			 					7.06					June 2019				
			 					7.10					September 2019				
(Contract Size: 57 Securities, Physical Del														R)	NGS (CF	OM HOLD	NTRAC
4,645	91	6	 	1.17	0.620			0.580	0.580	0.580	0.670	0.670	December 2018	-18.76%	0.55	0.55	0.68
141	10	2)	0.760	0.624			0.645	0.645	0.645	0.654	0.654	March 2019				
			 					0.685					June 2019				
			 					0.688					September 2019				

Derivatives notes

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Open Interest (Contract Size: 100 Securitles, Physical Delivery						atives Market	Derivati									g Asset	Underlyin	
	Volume	Trades	1	life high Life low	Lif	Fixing price*	Last Ask	Last Bid	ing price	st price Clos	rice min Las	rice max F	Open price Pr	Delivery Month	e change	losing price	Price min (Price max
(Contract Size: 100 Securities, Physical Deli																	T (CR)	INTRALC
4,645	507	111		0.740		0.422			0.370	0.370	0.367	0.517	0.517	December 2018	-26.89%	0.378	0.378	0.519
									0.520					March 2019				
									0.523					June 2019				
									0.526					September 2019				
(Contract Size: 100 Securities, Physical Deli																	SA (CR)	JUMBO S
1,065	15	13		13.09		12.79			12.58	12.58	12.23	12.58	12.23	December 2018	1.58%	12.84	12.3	12.84
									12.72					March 2019				
									12.78					June 2019				
<u></u>									12.85					September 2019				
(Contract Size: 100 Securities, Physical Deli															A (CR)	MENT S	DEVELOP	LAMDA [
1,820	6	3		6.95		5.63			5.62	5.62	5.62	5.67	5.67	December 2018	-0.88%	5.6	5.58	5.67
									5.68					March 2019				
									5.71					June 2019				
									5.74					September 2019				
(Contract Size: 100 Securities, Physical Deli															OUP (CR)	ENT GRO	INVESTM	MARFIN
49,656	32	2		0.101		0.067			0.067	0.067	0.067	0.068	0.068	December 2018	-0.45%	0.0667	0.066	0.0678
2,000				0.092		0.068			0.067					March 2019				
									0.068					June 2019				
									0.068					September 2019				
(Contract Size: 100 Securities, Physical Deli																	OIL (CR)	MOTOR (
311	90	20		23.35		19.80			19.94	19.94	19.94	20.31	20.00	December 2018	-1.22%	20.25	20.15	20.8
- 1				22.05		19.61			20.62					March 2019				
									20.73					June 2019				
<u></u>									20.84					September 2019				
(Contract Size: 100 Securities, Physical Deli															CR)	INGS (C	EOS HOLI	MYTILINI
8,092	474	96		9.05		6.75			6.74	6.74	6.70	6.86	6.81	December 2018	-1.47%	6.7	6.67	6.87
7				8.75		6.76			6.84					March 2019				
									6.88					June 2019				
									6.91					September 2019				
(Contract Size: 10 Securities, Physical Deli																CR)	AL BANK	NATIONA
264,667	36,372	287		2.30		0.942			0.947	0.947	0.923	0.949	0.930	December 2018	2.15%	0.95	0.92	0.95
249	81	7		1.23		0.940			0.930	0.930	0.922	0.969	0.969	March 2019				
									0.941					June 2019				
									0.945					September 2019				

Derivatives notes

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					Market	Derivative									g Asset	Underlyir	
Open Interest	Volume	Trades	fe low	Life high Lif	Fixing price*	st Ask	Last Bid	ing price	st price Clos	Price min La	rice max F	Open price P	Delivery Month	e change	Closing price	Price min	Price max
(Contract Size: 100 Securities, Physical Deli																R)	OPAP (0
2,738	161	42		9.67	8.05			8.02	8.02	8.02	8.22	8.14	December 2018	-1.83%	8.05	8.035	8.22
207				9.16	8.06			8.25					March 2019				
								8.29					June 2019				
								8.34					September 2019				
(Contract Size: 100 Securities, Physical Deli)	OTE (CF
2,250	165	25		11.06	10.08			10.12	10.12	10.09	10.22	10.16	December 2018	0.00%	10.1	10	10.23
								10.16					March 2019				
								10.22					June 2019				
								10.27					September 2019				
(Contract Size: 100 Securities, Physical Deli																A. (CR)	P.P.A. S
258	10	4		16.84	15.64			15.48	15.48	15.30	15.50	15.50	December 2018	0.91%	15.54	15.12	15.68
290				16.48	15.71			15.49					March 2019				
								15.58					June 2019				
								15.65					September 2019				
(Contract Size: 100 Securities, Physical Deli															R)	S BANK (PIRAEU
14,539	2,710	233		2.47	0.848			0.853	0.853	0.842	0.900	0.890	December 2018	-5.54%	0.852	0.841	0.901
82	10	1		1.25	0.853			0.850	0.850	0.850	0.850	0.850	March 2019				
								0.912					June 2019				
								0.917					September 2019				
(Contract Size: 100 Securities, Physical Deli)	PPC (CF
8,220	364	62		1.75	1.17			1.18	1.18	1.16	1.19	1.18	December 2018	1.56%	1.17	1.154	1.189
50				1.36	1.19			1.16					March 2019				
								1.17					June 2019				
								1.17					September 2019				
(Contract Size: 100 Securities, Physical Deli															CR)	ENERGY (ΓERNA
5,963	10	4		6.52	6.14			6.02	6.02	6.02	6.10	6.09	December 2018	1.15%	6.13	6	6.13
20				6.25	6.18			6.10					March 2019				
								6.13					June 2019				
								6.16					September 2019				
(Contract Size: 100 Securities, Physical Deli															R)	EMENT (0	TITAN C
221	15	3		22.26	19.59			19.58	19.58	19.57	19.58	19.58	December 2018	0.51%	19.56	19.46	19.62
9				19.70	19.56			19.58					March 2019				
								10.70					June 2019				
								19.68					Julie 2019				

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

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Market Operation & Development Division - Statistics & Information Services

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	Underlyin	ng Asset									Derivat	tives Market	life black	116-1			
Price max	Price min (Closing price	change	Delivery Month	Open price P	rice max F	Price min L	ast price Clos	sing price	Last Bid	Last Ask	Fixing price*	Life high	LITE IOW	Trades	Volume	Open Interest
VIOHAL	CO SA/NV	(CB)															(Contract Size: 100 Securities, Physical Delivery)
2.51	2.465	2.465	-2.18%	December 2018	2.50	2.50	2.47	2.48	2.48			2.47	3.17		19	75	5,300
				March 2019					2.54								
				June 2019					2.55								
				September 2019					2.56								

Derivatives notes

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

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FTSE/Athex Large Cap

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

F1SE/AT	IICA La	ige or	ıμ				С	all Optior	ıs															Put O	ptions	,					an, Cash Settlemen	,
				Decemb	ber 2018						Januar	y 2019			Other Months	-			Deceml	ber 2018						Januar	y 2019			Other Mo	nths	
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 Oper	Excerise Price	
1,425	0.00	0.00	0.00	-	165.00	-	-	0.00	0.00	0.00	-	168.00	-	-	-	0.00	0.00	0.00	-	0.17	-	-	0.00	0.00	0.00	-	1.90	-	-		1,425	
1,450	0.00	0.00	0.00	-	141.00	-	-	0.00	0.00	0.00	-	144.00	-	-		0.00	0.00	0.00	-	0.52	-	-	0.00	0.00	0.00	-	3.50	-	-		1,450)
1,475	0.00	0.00	0.00	-	117.00	-	-	0.00	0.00	0.00	-	122.00	-	-		0.00	0.00	0.00	-	1.40	-	-	0.00	0.00	0.00	-	6.10		-		1,475	,
1,500	0.00	0.00	0.00		93.50	-	-	0.00	0.00	0.00	-	101.00	-	-		0.00	0.00	0.00	-	3.20	-	1	0.00	0.00	0.00		10.00	-	-		1,500	Į.
1,525	0.00	0.00	0.00	-	72.00		20	0.00	0.00	0.00	-	82.00	-	-		0.00	0.00	0.00	-	6.70	-	17	14.00	14.00	14.00	14.00	14.00	20	26		1,525	ı
1,550	0.00	0.00	0.00		53.00		21	0.00	0.00	0.00	-	64.50	-	-		0.00	0.00	0.00	-	12.50	-	50	0.00	0.00	0.00		23.50		41		1,550)
1,575	33.00	35.00	33.00	35.00	35.00	9	38	0.00	0.00	0.00	-	49.75	-	20		0.00	35.00	0.00	-	21.50	-	25	0.00	0.00	0.00	-	33.50		61		1,575	,
1,600	29.00	29.25	26.00	26.00	26.00	45	53	0.00	0.00	0.00	-	37.25	-	66		0.00	29.25	0.00	-	33.75	-	21	0.00	0.00	0.00	-	46.00		20		1,600)
1,625	0.00	0.00	0.00	-	15.00		53	29.75	30.00	29.75	30.00	30.00	40	86		47.00	0.00	47.00	50.00	50.00	20	134	0.00	0.00	0.00	-	61.00		-		1,625	ı
1,650	10.75	10.75	10.75	10.75	10.75	2	144	17.75	21.75	17.75	21.75	21.75	13	18		0.00	10.75	0.00	-	68.00	-	169	0.00	0.00	0.00		78.00	-	20		1,650	Į.
1,675	0.00	0.00	0.00	-	4.60	-	60	0.00	0.00	0.00	-	13.25	-	1		0.00	0.00	0.00	-	89.00	-	126	0.00	0.00	0.00	-	96.50		20		1,675	,
1,700	0.00	0.00	0.00	-	2.30		96	0.00	0.00	0.00	-	8.80	-	-		0.00	0.00	0.00	-	112.00	-	51	0.00	0.00	0.00	-	117.00		-		1,700)
1,725	0.00	0.00	0.00	-	1.10	-	90	0.00	0.00	0.00	-	5.70	-	-		0.00	0.00	0.00	-	135.00	-	20	0.00	0.00	0.00	-	139.00		-		1,725	,
1,750	0.00	0.00	0.00		0.47	-	20	0.00	0.00	0.00	-	3.50	-	-		0.00	0.00	0.00	-	160.00	-	-	0.00	0.00	0.00		162.00	-	-		1,750	J
1,775	0.00	0.00	0.00	-	0.19	-	-	0.00	0.00	0.00	-	2.20	-	-		0.00	0.00	0.00	-	184.00	-	-	0.00	0.00	0.00	-	185.00		-		1,775	
1,800	0.00	0.00	0.00		0.07			0.00	0.00	0.00	-	1.30	-	-		0.00	0.00	0.00	-	209.00	-	-	0.00	0.00	0.00	-	209.00	-	-		1,800	J
1,825	0.00	0.00	0.00	-	0.03		-	0.00	0.00	0.00	-	0.73	-	-		0.00	0.00	0.00	-	234.00	-	-	0.00	0.00	0.00	-	234.00		-		1,825	
1,850	0.00	0.00	0.00		0.01	-		-	-	-	-	-	-	-		0.00	0.00	0.00		259.00	-	-	-	-	-		-	-	-		1,850	į
1,875	0.00	0.00	0.00		0.04	-		-	-	-	-	-	-	-		0.00	0.00	0.00		284.00	-	-		-	-				-		1,875	,
1,900	0.00	0.00	0.00		0.02	-	-	-	-	-	-	-	-	-		0.00	0.00	0.00	-	309.00	-	-	-	-	-		-	-	-		1,900	Į.
1,925	0.00	0.00	0.00	-	0.01		-	-	-	-	-	-	-	-		0.00	0.00	0.00	-	334.00	-	-		-	-		-		-		1,925	ı
1,950	0.00	0.00	0.00		0.02	-	-	-	-	-	-	-	-	-		0.00	0.00	0.00	-	359.00	-	-	-	-	-		-	-	-		1,950	J
1,975	0.00	0.00	0.00		0.01			-	-	-	-	-	-	-		0.00	0.00	0.00	-	384.00	-	-		-	-	-			-		1,975	
2,000	0.00	0.00	0.00		0.01	-	-	-	-	-	-	-	-	-		0.00	0.00	0.00	-	409.00	-	-	-	-	-		-	-	-		2,000	J
2,050	0.00	0.00	0.00		0.01			-	-	-	-	-	-	-		0.00	0.00	0.00	-	459.00	-	-		-	-	-			-		2,050	J
2,100	0.00	0.00	0.00		0.01	-		-	-	-	-	-	-	-		0.00	0.00	0.00		509.00	-	-	-	-	-		-	-	-		2,100	į
2,150	0.00	0.00	0.00	-	0.01		-		-	-	-	-		-		0.00	0.00	0.00		559.00		-			-		-		-		2,150	,
2,200	0.00	0.00	0.00	-	0.01		-	-	-	-	-	-	-	-		0.00	0.00	0.00	-	609.00	-	-	-	-	-	-	-	-	-		2,200	,
2,250	0.00	0.00	0.00		0.01		-		-	-	-	-		-		0.00	0.00	0.00	-	659.00		-			-		-		-		2,250	,
2,300	0.00	0.00	0.00	-	0.01		-	-	-	-	-	-	-	-		0.00	0.00	0.00	-	709.00	-	-	-	-	-	-	-	-	-		2,300	,
2,350	0.00	0.00	0.00	-	0.01		-		-	-	-	-	-	-		0.00	0.00	0.00	-	758.00	-	-	-	-	-	-	-	-	-		2,350	,
2,400	0.00	0.00	0.00	-	0.01	-	-	-	-		-		-	-		0.00	0.00	0.00	-	808.00	-	-	-	-			-	-			2,400	i
2,450	0.00	0.00	0.00		0.01		-		-							0.00	0.00	0.00	-	858.00	-	-		-			-				2,450	i
2,500	0.00	0.00	0.00		0.02	-	-	-	-				-			0.00	0.00	0.00	-	908.00		-		-				-			2,500	i
	Totals:					56	595						53	191	0 0						20	614						20	188	0	0	
	Number o	of Trades:					8							6	0	·						2	- <u></u>						1	0		

Wednesday, 28 November, 2018

ALPHA BANK (CR)

							(Call Option	ns															Put Op	tions							
				Deceml	ber 2018						Januar	y 2019			Other Months					nber 2018						Januar	y 2019			Oth	er 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 m	nin 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		0.312	-	-	0.000	0.000	0.000		0.315	-	-		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		0.263			0.000	0.000	0.000		0.268	-			0.000	0.000	0.000)	0.002	-	-	0.000	0.000	0.000		0.006	-	-			0.009
0.900	0.000	0.000	0.000		0.217			0.000	0.000	0.000		0.224	-	-		0.000	0.000	0.000)	0.006	-	-	0.000	0.000	0.000		0.011	-	-			0.009
0.950	0.000	0.000	0.000		0.173			0.000	0.000	0.000		0.183	-			0.000	0.000	0.000)	0.012	-	-	0.000	0.000	0.000		0.020	-	-			0.010
1.000	0.000	0.000	0.000		0.134		10	0.000	0.000	0.000		0.146	-	-		0.000	0.000	0.000)	0.023	-	-	0.000	0.000	0.000		0.033	-	-			0.010
1.100	0.000	0.000	0.000		0.073		10	0.000	0.000	0.000		0.088	-	50		0.000	0.000	0.000)	0.061	-	-	0.000	0.000	0.000		0.075	-	-			0.011
1.200	0.000	0.000	0.000		0.034	-	20	0.000	0.000	0.000		0.049	-	30		0.000	0.000	0.000)	0.123	-	-	0.000	0.000	0.000		0.136	-	-			0.012
1.300	0.000	0.000	0.000		0.014	-	30	0.000	0.000	0.000		0.024	-			0.000	0.000	0.000)	0.203	-	-	0.000	0.000	0.000		0.211	-	-			0.013
1.400	0.000	0.000	0.000		0.005			0.000	0.000	0.000		0.012	-	-		0.000	0.000	0.000)	0.294	-	-	0.000	0.000	0.000		0.299	-	-			0.014
1.500	0.000	0.000	0.000		0.002			0.000	0.000	0.000		0.005	-			0.000	0.000	0.000)	0.391	-	-	0.000	0.000	0.000		0.393	-	-			0.015
1.600	0.000	0.000	0.000		0.001			0.000	0.000	0.000		0.002	-	-		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		0.001	-	-						-			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)	0.890	-	-						-	-			0.020
2.200	0.000	0.000	0.000		0.001		-						-	-		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)	1.29	-	-						-	-			0.024
2.600	0.000	0.000	0.000		0.001	-	-						-	-		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)	1.69	-	-						-	-			0.028
3.000	0.000	0.000	0.000		0.001	-	-						-			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)	2.09	-	-						-	-			0.032
	Totals:					0	70						0	80	0 0	-					0	0						0	0	0	0	
	Number	of Trades	:				0							0	0							0.00							0		0	

NATIONAL BANK (CR)		
	Call Options	Put Options

								C	all Option	15															Put Options						
				Decembe									ry 2019			Other Months					per 2018						ry 2019			Other Months	
Excerise Price	Open price	Price max	Price min	Last (price	Closing price	Volun	me Open I	nterest	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 Price min max	Last price	Closing price	Volume	Open Interest	Volume Open Interest	Excerise Price
0.050	0.000	0.000	0.000		0.880	-								-	-		0.000	0.000	0.000		0.010	-	-					-	-		0.001
0.100	0.000	0.000	0.000		0.830	-								-	-		0.000	0.000	0.000		0.005	-	-					-	-		0.001
0.150	0.000	0.000	0.000		0.780	-								-	-		0.000	0.000	0.000		0.057	-	-					-	-		0.002
0.200	0.000	0.000	0.000		0.730			-						-	-		0.000	0.000	0.000		0.206	-	-					-			0.002
0.250	0.000	0.000	0.000		0.680	-								-	-		0.000	0.000	0.000		0.457	-	-					-	-		0.003
0.300	0.000	0.000	0.000		0.630	-								-	-		0.000	0.000	0.000		0.797	-						-			0.003
0.350	0.000	0.000	0.000		0.580	-								-	-		0.000	0.000	0.000		1.19	-	-					-	-		0.004
0.400	0.000	0.000	0.000		0.531									-	-		0.000	0.000	0.000		1.63	-	-					-			0.004
0.450	0.000	0.000	0.000		0.481	-								-	-		0.000	0.000	0.000		2.09	-	-					-	-		0.005
0.500	0.000	0.000	0.000		0.431	-		-						-	-		0.000	0.000	0.000		2.57	-	-					-	-		0.005
0.550			0.000		0.381	•								-	-		0.000		0.000		3.06	-	-					-	•		0.006
0.600			0.000		0.331	•		-						-	•		0.000		0.000		3.55	-	-					-	•		0.006
0.750			0.000		0.184	•			0.000				0.191	-	-		0.000		0.000		0.003	-	-		0.000 0.000		0.009	-			0.008
0.800			0.000		0.140	-		-	0.000				0.151	-	•		0.000		0.000		0.009	-	-		0.000 0.000		0.018	•			0.008
0.850			0.000		0.101	-			0.000				0.115	-	-		0.000		0.000		0.020	-	-		0.000 0.000		0.033	•	-		0.009
0.900			0.000		0.069	-			0.000				0.085	-	-		0.000		0.000		0.038	-	-		0.000 0.000		0.053	•	-		0.009
0.950			0.000		0.045	•	1	0	0.000				0.062	-	-			0.000			0.064	-	-		0.000 0.000		0.079	-	-		0.010
1.000			0.000		0.027	•			0.000				0.043	-	100			0.000			0.096	•	-		0.000 0.000		0.110	-	•		0.010
1.100			0.000		0.008	-					0.020	0.020	0.020	100	200			0.000			0.177	-	-		0.000 0.000		0.187	•			0.011
1.200			0.000		0.002	-	2		0.000				0.008	-	30			0.000			0.271	-	-		0.000 0.000		0.276	-	•		0.012
1.300			0.000		0.001		1		0.000				0.003	-			0.000		0.000		0.370	-			0.000 0.000		0.371	-			0.013
1.400			0.000		0.001	•			0.000				0.001	-	•		0.000		0.000		0.470	•	-		0.000 0.000		0.470	•	•		0.014
1.500			0.000		0.001	-	1		0.000				0.001	-	-		0.000		0.000		0.570	-	-		0.000 0.000		0.570	•	-		0.015
1.600 1.700			0.000		0.001	•	0		0.000				0.001	•	•		0.000	0.000	0.000		0.670 0.770	•			0.000 0.000 0.000 0.000		0.670 0.770	•	•		0.016 0.017
1.800			0.000		0.003				0.000				0.004	-	•			0.000			0.870				0.000 0.000		0.770				0.017
1.900			0.000		0.001		6		0.000				0.002					0.000			0.970				0.000 0.000		0.970				0.019
2.000			0.000		0.001				0.000				0.003					0.000			1.07		60		0.000 0.000		1.07		-		0.020
2.200			0.000		0.004				0.000	0.000	0.000		0.003				0.000		0.000		1.27		-	0.000	0.000 0.000		1.07				0.020
2.400			0.000		0.001									-			0.000		0.000		1.47										0.024
2.600			0.000		0.001										-		0.000		0.000		1.67								-		0.024
2.800			0.000		0.001									-	-		0.000		0.000		1.87										0.028
3.000			0.000		0.001												0.000		0.000		2.07										0.030
3.200			0.000		0.001									-				0.000			2.27		-								0.032
3.400			0.000		0.001													0.000			2.47										0.034

Daily Official List
Year: 139 Trading Day No: 229
Section 7: Stock Options
Wednesday, 28 November, 2018

NATIONAL BANK (CR)

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

						(Call Option	S																	Put Op	otions							
			Decen	ber 2018						January	2019			Oth	er Months				Dece	mber 2018	3						Janua	ary 2019			Oth	er Months	
Excerise Price	Open Pri price ma	ice Price r ax	min Last price	Closing price	ce Volume	Open Interest	Open price	Price I max	Price min	Last (Closing price	e Volume	Open Interest	Volum	Open Interes	Oper	n Price	Price mi	in Last price	Closing	price Vo	lume Ope	en Interest	Open price	Price max	Price min	Last price	Closing	price Volume	Open Interest	Volume	Open Interest	Excerise Price
	Totals:				0	170						100	330	0	40							0	60						0	0	0	0	
	Number of Tra	ides:				0							1		0							0.0	0							0		0	

Wednesday, 28 November, 2018

OPAP (CR)

							C	all Optio	ns																Put O	ptions						
					ber 2018						January	,			Othe	r Months				Decem	ber 2018						January	2019			Other Month	s
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 In	erest Exceris Price
5.600	0.000	0.000	0.000		2.61	-	-	0.000	0.000	0.000		2.62	-				0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000		0.001	-	-		0.05
6.000	0.000	0.000	0.000		2.21	-	-	0.000	0.000	0.000		2.22	-	-			0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000		0.001	-	-		0.06
6.400	0.000	0.000	0.000		1.81			0.000	0.000	0.000		1.82	-				0.000	0.000	0.000		0.002	-	-	0.000	0.000	0.000		0.001	-			0.06
6.800	0.000	0.000	0.000		1.41		-	0.000	0.000	0.000		1.43	-				0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000		0.008				0.06
7.200	0.000	0.000	0.000		1.01			0.000	0.000	0.000		1.05	-				0.000	0.000	0.000		0.004	-	-	0.000	0.000	0.000		0.033	-			0.07
7.600	0.000	0.000	0.000		0.640	-	-	0.000	0.000	0.000		0.718	-	-			0.000	0.000	0.000		0.030	-	-	0.000	0.000	0.000		0.097	-	-		0.07
8.000	0.000	0.000	0.000		0.335		-	0.000	0.000	0.000		0.445	-				0.000	0.000	0.000		0.125	-	-	0.000	0.000	0.000		0.223	-			0.08
8.400	0.000	0.000	0.000		0.137		-	0.000	0.000	0.000		0.249	-				0.000	0.000	0.000		0.327	-	-	0.000	0.000	0.000		0.427				0.08
8.800	0.000	0.000	0.000		0.042			0.000	0.000	0.000		0.126	-				0.000	0.000	0.000		0.633	-	-	0.000	0.000	0.000		0.705	-			0.08
9.200	0.000	0.000	0.000		0.009		-	0.000	0.000	0.000		0.055	-				0.000	0.000	0.000		1.00	-	-	0.000	0.000	0.000		1.04				0.09
9.600	0.000	0.000	0.000		0.002		-	0.000	0.000	0.000		0.023	-				0.000	0.000	0.000		1.40	-	-	0.000	0.000	0.000		1.41	-			0.09
10.000	0.000	0.000	0.000		0.001	-		0.000	0.000	0.000		0.008	-				0.000	0.000	0.000		1.80	-	-	0.000	0.000	0.000		1.80				0.10
11.000	0.000	0.000	0.000		0.001			0.000	0.000	0.000		0.001	-				0.000	0.000	0.000		2.80	-	-	0.000	0.000	0.000		2.80	-			0.11
12.000	0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000		0.001					0.000	0.000	0.000		3.80		-	0.000	0.000	0.000		3.80				0.12
13.000	0.000	0.000	0.000		0.001	-	-						-				0.000	0.000	0.000		4.80	-	-						-	-		0.13
14.000	0.000	0.000	0.000		0.001	-	-						-	-			0.000	0.000	0.000		5.80	-	-						-	-		0.14
15.000	0.000	0.000	0.000		0.001	-	-						-	-			0.000	0.000	0.000		6.80	-	-						-	-		0.15
16.000	0.000	0.000	0.000		0.001	-	-							-			0.000	0.000	0.000		7.80	-	-						-	-		0.16
	Totals:					0	0	-					0	0	0	0						0	0	-					0	0	0 0	
	Number o	of Trades					0							0		0							0.00							0	0	

Wednesday, 28 November, 2018

OTE (CR)

OIL (CI	•)																														•	,	,
								Call Opti	ons																Put 0	ptions							
				Deceml	ber 2018						Januai	ry 2019			Other	Months				Decemb	er 2018						January	/ 2019			Other M	onths	
Excerise Price	Open price	Price max	Price min	Last price	Closing price	Volume	Open Intere	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 Ope	n Interest	Excerise Price
7.600	0.000	0.000	0.000		2.51	-	-	0.000	0.000	0.000		2.52	-	-			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		2.11	-	-	0.000	0.000	0.000		2.13	-				0.000	0.000	0.000		0.001	-		0.000	0.000	0.000		0.003	-	-			0.080
8.400	0.000	0.000	0.000		1.71	-	-	0.000	0.000	0.000		1.74	-	-			0.000	0.000	0.000		0.001	-		0.000	0.000	0.000		0.013	-	-			0.084
8.800	0.000	0.000	0.000		1.32	-	-	0.000	0.000	0.000		1.36	-	-			0.000	0.000	0.000		0.004	-	-	0.000	0.000	0.000		0.038	-	-			0.088
9.200	0.000	0.000	0.000		0.932	-	-	0.000	0.000	0.000		1.02	-	-			0.000	0.000	0.000		0.020	-	-	0.000	0.000	0.000		0.093	-	-			0.092
9.600	0.000	0.000	0.000		0.590	-	-	0.000	0.000	0.000		0.721	-	-			0.000	0.000	0.000		0.078	-	-	0.000	0.000	0.000		0.194	-	-			0.096
10.000	0.000	0.000	0.000		0.323	-	-	0.000	0.000	0.000		0.480	-	-			0.000	0.000	0.000		0.210	-	-	0.000	0.000	0.000		0.352		-			0.100
11.000	0.000	0.000	0.000		0.032		-	0.000	0.000	0.000		0.127	-	-			0.000	0.000	0.000		0.922	-	-	0.000	0.000	0.000		1.00	-	-			0.110
12.000	0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000		0.022					0.000	0.000	0.000		1.90			0.000	0.000	0.000		1.91		-			0.120
13.000	0.000	0.000	0.000		0.001		-	0.000	0.000	0.000		0.003		-			0.000	0.000	0.000		2.90		-	0.000	0.000	0.000		2.90		-			0.130
14.000	0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000		0.001	-	-			0.000	0.000	0.000		3.90	-	-	0.000	0.000	0.000		3.90		-			0.140
15.000	0.000	0.000	0.000		0.001		-	0.000	0.000	0.000		0.001	-	-			0.000	0.000	0.000		4.90	-	-	0.000	0.000	0.000		4.90	-	-			0.150
16.000	0.000	0.000	0.000		0.001	-	-										0.000	0.000	0.000		5.90									-			0.160
17.000	0.000	0.000	0.000		0.001		-						-	-			0.000	0.000	0.000		6.90	-								-			0.170
18.000	0.000	0.000	0.000		0.001	-							-	-			0.000	0.000	0.000		7.90	-								-			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		

Year: 139 Trading Day No: 229 Section 7: Stock Options Wednesday, 28 November, 2018

PIRAEUS BANK (CR)

Call Options	Put Options
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-				Decembe	er 2018						Januar	y 2019			Other Months				Decem	ber 2018						January 2019	1		Other Months	
Excerise Price	Open price	Price max	Price mir	n 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 Closin price	g price Volur	Open Interes	Volume Open Interest	Excerise Price
0.700	0.000	0.000	0.000		0.206	-	-	0.000	0.000	0.000		0.213	-	-	 -	0.000	0.000	0.000		0.003	-	-	0.000	0.000	0.000	0.0	109 -	-		0.007
0.750	0.000	0.000	0.000		0.161	-	-	0.000	0.000	0.000		0.171	-	-		0.000	0.000	0.000		0.008	-	-	0.000	0.000	0.000	0.0)17 -	-		0.008
0.800	0.000	0.000	0.000		0.121	-	-	0.000	0.000	0.000		0.134		-		0.000	0.000	0.000		0.018	-	-	0.000	0.000	0.000	0.0	30 -	-		0.008
0.850	0.000	0.000	0.000		0.087	-	-	0.000	0.000	0.000		0.103	-	-		0.000	0.000	0.000		0.034	-	-	0.000	0.000	0.000	0.0	- 148	-		0.009
0.900	0.000	0.000	0.000		0.060	-	-	0.000	0.000	0.000		0.077	-	-		0.000	0.000	0.000		0.057	-	-	0.000	0.000	0.000	0.0	172 -	-		0.009
0.950	0.000	0.000	0.000		0.039		-	0.000	0.000	0.000		0.056	-	-		0.000	0.000	0.000		0.086	-	-	0.000	0.000	0.000	0.1	- 02	-		0.010
1.000	0.000	0.000	0.000		0.025	-	50	0.030	0.030	0.030	0.030	0.030	20	40		0.000	0.000	0.000		0.122	-	-	0.000	0.000	0.000	0.1	36 -	-		0.010
1.100	0.000	0.000	0.000		0.009		180	0.000	0.000	0.000		0.020	-	30		0.000	0.000	0.000		0.206	-	-	0.000	0.000	0.000	0.2	. 15	-		0.011
1.200	0.000	0.000	0.000		0.003	-	46	0.000	0.000	0.000		0.009		-		0.350	0.350	0.350	0.350	0.350	4	4	0.000	0.000	0.000	0.3	- 804	-		0.012
1.300	0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000		0.004	-	-		0.000	0.000	0.000		0.398	-	-	0.000	0.000	0.000	0.4	- 100	-		0.013
1.400	0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000		0.002	-	-		0.000	0.000	0.000		0.498	-	-	0.000	0.000	0.000	0.4	198 -	-		0.014
1.500	0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000		0.001	-	-		0.000	0.000	0.000		0.598	-	-	0.000	0.000	0.000	0.5	i98 -	-		0.015
1.600	0.000	0.000	0.000		0.001	-	60	0.000	0.000	0.000		0.001	-	-		0.000	0.000	0.000		0.698	-	-	0.000	0.000	0.000	0.6	98 -	-		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		0.798	-	-	0.000	0.000	0.000	0.7	- '98	-		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		0.898	-	-	0.000	0.000	0.000	0.8		-		0.018
1.900	0.000	0.000	0.000		0.001	-	-						-	-		0.000	0.000	0.000		0.998	-	-					-	-		0.019
2.000	0.000	0.000	0.000		0.002	-	-						-	-		0.000	0.000	0.000		1.10	-	-					-	-		0.020
2.200	0.000	0.000	0.000		0.001	-	20						-	-		0.000	0.000	0.000		1.30	-	-					-	-		0.022
2.400	0.000	0.000	0.000		0.001	-	-						-	-		0.000	0.000	0.000		1.50	-	-					-	-		0.024
2.600	0.000	0.000	0.000		0.003	-							-	-		0.000	0.000	0.000		1.70	-	-					-			0.026
2.800	0.000	0.000	0.000		0.001	-	-						-	-		0.000	0.000	0.000		1.90	-	-					-	-		0.028
3.000	0.000	0.000	0.000		0.004	-							-	-		0.000	0.000	0.000		2.10	-	-					-			0.030
3.200	0.000	0.000	0.000		0.002	-	-						-	-		0.000	0.000	0.000		2.30	-	-					-	-		0.032
3.400	0.000	0.000	0.000		0.001	-							-	-		0.000	0.000	0.000		2.50	-	-					-			0.034
3.600	0.000	0.000	0.000		0.001	-	-						-	-		0.000	0.000	0.000		2.70	-	-					-	-		0.036
3.800	0.000	0.000	0.000		0.001	-	-						-	-		0.000	0.000	0.000		2.90	-	-					-	-		0.038
4.000	0.000	0.000	0.000		0.001	-	-						-	-		0.000	0.000	0.000		3.10	-	-					-	-		0.040
4.400	0.000	0.000	0.000		0.001	-							-	-		0.000	0.000	0.000		3.50	-	-					-			0.044
4.800	0.000	0.000	0.000		0.001	-	-						-	-		0.000	0.000	0.000		3.90	-	-					-	-		0.048
5.200	0.000	0.000	0.000		0.001	-	-						-	-		0.000	0.000	0.000		4.30	-	-					-	-		0.052
5.600	0.000	0.000	0.000		0.001	-	-						-	-		0.000	0.000	0.000		4.70	-	-					-	-		0.056
	Totals:				·	0	356						20	70	0 20						0	4					0	0	0 0	
	Number o	of Trades:					0							1	0							2.00						0	0	-

Wednesday, 28 November, 2018

PPC (CR)

								Call Option	ons															Put C	Options							
					ber 2018						Januar	•			Other Mo				Dece	ember 2018			_			January	/ 2019			Other N	onths	
Excerise Price	Open price	Price max	Price min	Last price	Closing price	Volum	Open Interes	Open price	Price max	Price min	Last price	Closing price	Volume	Open Interest	Volume Ope	en Interest Oper price		rice F max	Price min Last price		e Volum	Open Interest	Open price	Price max	Price min	Last price	Closing pric	Ce Volume	Open Interes	Volume Op	en Interest	Exceri Price
0.850	0.000	0.000	0.000		0.302	-	-	0.000	0.000	0.000		0.306	-	-		0.00	0 0.	.000	0.000	0.001	-	-	0.000	0.000	0.000		0.003		-			0.0
0.900	0.000	0.000	0.000		0.253	-	-	0.000	0.000	0.000		0.260	-	-		0.00	0 0.	.000	0.000	0.002	-	-	0.000	0.000	0.000		0.007	-	-			0.0
0.950	0.000	0.000	0.000		0.206	-	-	0.000	0.000	0.000		0.217	-	-		0.00	0 0.	.000	0.000	0.004	-	-	0.000	0.000	0.000		0.014	-	-			0.0
1.000	0.000	0.000	0.000		0.162	-	-	0.000	0.000	0.000		0.177	-	-		0.00	0 0.	.000	0.000	0.011	-	-	0.000	0.000	0.000		0.024	-	-			0.0
1.100	0.000	0.000	0.000		0.089	-	-	0.000	0.000	0.000		0.110	-	-		0.00	0 0.	.000	0.000	0.037	-	-	0.000	0.000	0.000		0.057	-	-			0.0
1.200	0.000	0.000	0.000		0.041	-	100	0.000	0.000	0.000		0.063	-	-		0.00	0 0.	.000	0.000	0.090	-	-	0.000	0.000	0.000		0.110	-	-			0.0
1.300	0.000	0.000	0.000		0.016	-		0.000	0.000	0.000		0.034	-	30		0.00	0 0.	.000	0.000	0.165	-		0.000	0.000	0.000		0.181	-	-			0.0
1.400	0.000	0.000	0.000		0.005	-	-	0.000	0.000	0.000		0.017	-	-		0.00	0 0.	.000	0.000	0.254	-	-	0.000	0.000	0.000		0.264	-	-			0.0
1.500	0.000	0.000	0.000		0.001	-	20	0.000	0.000	0.000		0.008	-			0.00	0 0.	.000	0.000	0.351		-	0.000	0.000	0.000		0.355		-			0.
1.600	0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000		0.003	-	-		0.00	0 0.	.000	0.000	0.450	-	-	0.000	0.000	0.000		0.451	-	-			0.
1.700	0.000	0.000	0.000		0.001	-		0.000	0.000	0.000		0.001	-			0.00	0 0.	.000	0.000	0.550	-		0.000	0.000	0.000		0.550	-	-			0.
1.800	0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000		0.001	-	-		0.00	0 0.	.000	0.000	0.650	-	-	0.000	0.000	0.000		0.650	-	-			0.
1.900	0.000	0.000	0.000		0.001	-		0.000	0.000	0.000		0.001	-			0.00	0 0.	.000	0.000	0.750	-		0.000	0.000	0.000		0.750	-	-			0.
2.000	0.000	0.000	0.000		0.001	-	-						-	-		0.00	0 0.	.000	0.000	0.850	-	-						-	-			0.
2.200	0.000	0.000	0.000		0.001	-							-			0.00	0 0.	.000	0.000	1.05	-							-	-			0.
2.400	0.000	0.000	0.000		0.001	-	-						-	-		0.00	0 0.	.000	0.000	1.25	-	-						-	-			0.
2.600	0.000	0.000	0.000		0.001	-	-						-			0.00	0 0.	.000	0.000	1.45	-	-						-	-			0.
2.800	0.000	0.000	0.000		0.001	-	-						-	-		0.00	0 0.	.000	0.000	1.65	-	-						-	-			0.
3.000	0.000	0.000	0.000		0.001	-							-			0.00	0 0.	.000	0.000	1.85	-							-	-			0.
3.200	0.000	0.000	0.000		0.001	-	-						-	-		0.00	0 0.	.000	0.000	2.05	-	-						-	-			0.
3.400	0.000	0.000	0.000		0.001	-	-						-	-		0.00	0 0.	.000	0.000	2.25	-	-						-	-			0.
3.600	0.000	0.000	0.000		0.001	-	-						-	-		0.00	0 0.	.000	0.000	2.45	-	-						-	-			0.
3.800	0.000	0.000	0.000		0.001		-						-	•		0.00	0 0.	.000	0.000	2.65	-	•						-	-			0.
4.000	0.000	0.000	0.000		0.001	-	-						-	-		0.00	0 0.	.000	0.000	2.85	-	-						-	-			0.
4.400	0.000	0.000	0.000		0.001	-	-						-	-		0.00	0 0.	.000	0.000	3.25	-	-						-	-			0.
	Totals:					0	120						0	30	0	0					0	0						0	0	0	0	
	Number (of Trades					0							0	0							0.00							0	0		

Wednesday, 28 November, 2018

Lending Products	Underlying Title		Multilateral Transactions[1]				Bilateral Transactions[2]		Stock Borrowing through OTC (volume)[3]
		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	12,097	5.31%					11,912
ALPHABOR	ALPHA BANK (CR)	20,001	80,248	5.31%					29,808,898
ALMYBOR	ALUMIL (CR)								
TATTBOR	ATTICA BANK S.A. (CR)	8,819	7,304	5.31%					370
EEEBOR	CC HBC AG (CR)	7,162	867	6.65%	833	6.56%	5,000	4.00%	70,546
CENERBOR	CENERGY HOLDINGS (CB)	2,600	46,000	5.31%					
ELLAKTORBOR	ELLAKTOR (CR)	1,000	83,118	5.31%					
EUROBBOR	EUROBANK ERGASIAS (CR)	14,016	3,560	9.49%			159,300	0.27%	50,317,620
EYDAPBOR	EYDAP S.A. (CR)		4,246	5.31%					82,799
FFGRPBOR	FOLLI FOLLIE (CR)								1,363,949
FOYRKBOR	FOURLIS (CR)	6,658	88	5.31%			•••		4,650
GEKTERNABOR	GEK TERNA (CR)		32,432	5.31%					1,293
SARBOR	GR. SARANTIS S.A. (CR)	452	7	5.36%					390
EUPROBOR	GRIVALIA PROPERTIES (CR)	7,000	100,574	3.31%	5,000	2.65%			48,262
EXAEBOR	HELLENIC EXCHANGES-A.S.E. (CR)	8,000	536,739	5.31%					150,065
ELPEBOR	HELLENIC PETROLEUM (CR)	2,339	126,464	5.31%					65,719
INTRKBOR	INTRACOM HOLDINGS (CR)		58,170	5.31%					
INLOTBOR	INTRALOT (CR)		78,919	5.31%			1,000	0.01%	284,512
BELABOR	JUMBO SA (CR)	19,900	104,182	5.31%					53,350
LAMDABOR	LAMDA DEVELOPMENT SA (CR)	20	612	3.54%	10	2.65%			8,913
MIGBOR	MARFIN INVESTMENT GROUP (CR)		293,633	5.31%					744,474
MOHBOR	MOTOR OIL (CR)	32,811	7,053	3.55%	2,700	2.86%			227,748
MYTILBOR	MYTILINEOS HOLDINGS (CR)	1,500	155,988	5.31%					18,086
ETEBOR	NATIONAL BANK (CR)	11,000	84,060	5.31%					7,120,078
OPAPBOR	OPAP (CR)	3,000	150,120	5.31%					1,007,199
HTOBOR	OTE (CR)	10,350	93,132	5.31%			4,000	0.01%	544,315
PPABOR	P.P.A. S.A. (CR)	1,854	804	5.31%					2,901
TPEIRBOR	PIRAEUS BANK (CR)	2,000	2,899	5.31%	2,000	4.80%	58,200	9.44%	22,337,111
PLAISBOR	PLAISIO COMPUTERS SA (CR)						•••		
PPCBOR	PPC (CR)	1,000	132,457	5.31%		***			6,483,732

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 Year: 139 Trading Day No: 229

Section 7: Stock Lending Analytic Figures Wednesday, 28 November, 2018

Lending Products	Underlying Title		Multilateral Transactions[1]				Bilateral Transactions[2]		Stock Borrowing through OTC (volume)[3]
		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%					126,219
TITKBOR	TITAN CEMENT (CR)	10,278	94,726	5.31%	600	2.65%			58,666
VIOBOR	VIOHALCO SA/NV (CB)	33,420	36,847	5.31%					

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 Market Operation & Development Division - Statistics & Information Services

Daily Official ListYear: 139 Trading Day No: 229Appendix A: Sectors codification for listed companiesWednesday, 28 November, 2018

Sectors codification for listed companies

Exploration & Production 1353 Commodity Chemicals 1753 Aluminum 1757 Steel 2353 **Building Materials & Fixtures** Containers & Packaging 2723 2733 Electrical Components & Equipment 2757 **Industrial Machinery** 2777 Transportation Services 2797 **Industrial Suppliers**

3537 - Soft Drinks 3577 - Food Products 3726 - Furnishings 3747 - Toys 3765 - Footwear

3785 - Tobacco 4535 - Medical Equipment

5337 - Food Retailers & Wholesalers5373 - Broadline Retailers

5379 - Specialty Retailers 5555 - Media Agencies 5751 - Airlines

5751 - Airlines 5753 - Hotels

5757 - Restaurants & Bars

6535 - Fixed Line Telecommunications

7535 - Conventional Electricity
7577 - Water

8534 - Insurance Brokers

8633 - Real Estate Holding & Development

8671 - Industrial & Office REITs
8675 - Specialty REITs
8777 - Investment Services

9533 - Computer Services

9537 - Software

9574 - Electronic Office Equipment

12003 - ETF

537 - Integrated Oil & Gas

1357 - Specialty Chemicals
1755 - Nonferrous Metals
1775 - General Mining

1775 - General Mining
2357 - Heavy Construction
2727 - Diversified Industrials

2753 - Commercial Vehicles & Trucks

2773 - Marine Transportation
 2791 - Business Support Services
 3535 - Distillers & Vintners
 3573 - Farming Fishing & Plantation

3573 - Farming Fishing & Plantations
3722 - Durable Household Products
3728 - Home Construction
3763 - Clothing & Accessories

3767 - Personal Products
4533 - Health Care Providers
4577 - Pharmaceuticals
5371 - Apparel Retailers

5375 - Home Improvement Retailers 5553 - Broadcasting & Entertainment

5557 - Publishing 5752 - Gambling

5755 - Recreational Services
5759 - Travel & Tourism
6575 - Mobile Telecommunications

7537 - Alternative Electricity

8355 - Banks

8536 - Property & Casualty Insurance

8637 - Real Estate Services
8674 - Diversified REITs
8775 - Specialty Finance

8985 - Equity Investment Instruments

9535 - Internet

9572 - Computer Hardware

9578 - Telecommunications Equipment

