

Hellenic Exchanges – Athens Stock Exchange S.A.

2016

δελτιο ημερησιων συναλλαγων

daily official list

Wednesday, 23 November, 2016 Year: 137 Trading Day No: 223 Daily Official List

Year: 137 Trading Day No: 223

Wednesday, 23 November, 2016

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Hellenic Exchanges – Athens Stock Exchange S.A.

Strategic Communication & Market Analysis Division - Market Analysis Department

Daily Official List

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Appendix A: Sectors codification for listed companies

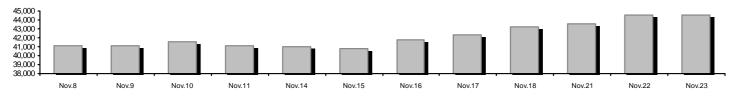
Section codification follows the corresponding from the Greek version of Daily Official List for reference purposes.

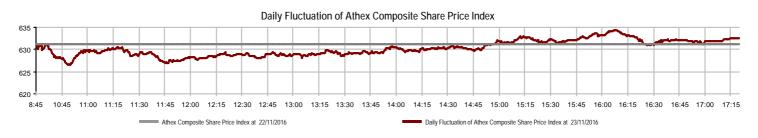
Summary of Markets

Athex Composite Share Price Index vs Shares and Derivatives Transactions Value 640 350,000 300,000 620 250,000 600 200,000 150,000 580 100,000 560 50,000 540 Oct.25 Oct.26 Oct.27 Oct.31

Securities' Transactions Value with Block Trades Me	ethod 6-1 (thou. €)	-0	Athex Composite Share Price Index % daily chng		
Athex Capitalisation (mill. €) **:	44,554.46		Derivatives Total Open Interest	374,125	
Daily change: mill. € %	9.94	0.02%	in Index Futures % daily chng	9,354	2.16%
Yearly Avg Capitalisation: mill. \in % chng prev year Avg	40,805.96	-6.53%	in Stock Futures % daily chng	362,129	4.24%
Athex Composite Share Price Index % daily chng	632.52	0.21%	in Index Options % daily chng	2,033	4.31%
Athex Composite Share Price Index Capitalisation (mill. €)	39,773.87		in Stock Options % daily chng	609	-0.81%
Daily change (mill. €)	13.62				
Securities' Transactions Value with Block Trades Method 6-1 (76,510.79		Derivatives Contracts Volume:	96,595	
Daily change: %	-8,701.90	-10.21%	Daily change: pieces %	-51,196	-34.64%
YtD Avg Trans. Value: thou. $\varepsilon \%$ chng prev year Avg	60,349.01	-29.48%	YtD Avg Derivatives Contracts % chng prev year Avg	58,482	-11.00%
Blocks Transactions Value of Method 6-1 (thou. €)	10,558.40		Derivatives Trades Number:	3,205	
Blocks Transactions Value of Method 6-2 & 6-3 (thou. €)	0.00		Daily change: number %	-2,130	-39.93%
Bonds Transactions Value (thou.€)	5.06		YtD Avg Derivatives Trades number % chng prev year Avg	2,508	-23.26%
Securities' Transactions Volume with Block Trades Method 6-1 (th 159,837.9	97	Lending Total Open Interest	974,132	
Daily change: thou. pieces %	388.53	0.24%	Daily change: pieces %	46,400	5.00%
YtD Avg Volume: % chng prev year Avg	96,259.50	-50.01%	Lending Volume (Multilateral/Bilateral)	175,400	
DI 1 T	00 470 00		Daily change: pieces %	66,400	60.92%
Blocks Transactions Volume of Method 6-1 (thou. Pieces) Blocks Transactions Volume of Method 6-2 & 6-3 (thou. Pieces	22,170.28 0.00		Multilatoral Landing	63,400	
DIOCKS Transactions volume of Method 6-2 & 6-3 (thou. Pieces	0.00		Multilateral Lending	·	
Bonds Transactions Volume	5,000.00		Bilateral Lending	112,000	
Securities' Trades Number with Block Trades Method 6-1	23,24	14	Lending Trades Number:	14	
Daily change: number %	-5,951	-20.38%	Daily change: %	6	75.00%
YtD Avg Derivatives Trades number % chng prev year Avg	18,926	-29.88%	Multilateral Lending Trades Number	12	
Number of Blocks Method 6-1	10		C	2	
Number of Blocks Method 6-2 & 6-3	0		Bilateral Lending Trades Number	Z	
Number of Bonds Transactions	1				







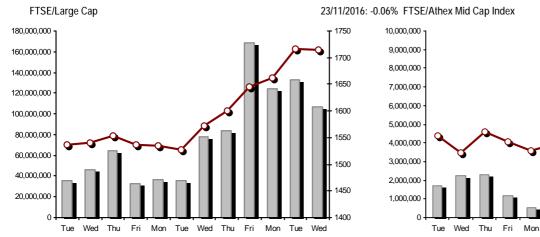
Athex Indices Index name 23/11/2016 22/11/2016 % Min Max Year min Year max Year change pts. Athex Composite Share Price Index 1.31 420.82 632.52 # 631.21 0.21% 626.57 634.28 658.99 0.19% # FTSE/Athex Large Cap 1,715.33 1,716.36 -1.03-0.06% 1,697.96 1,721.05 1,075.20 1,868.90 -6.44% Œ Œ FTSE/Athex Mid Cap Index 786.99 773.79 13.20 1.71% 772.32 793.25 515.21 820.16 -3.61% **Œ** FTSE/ATHEX-CSE Banking Index 634.98 Œ -3.24 938.40 -28.81% Œ 638.22 -0.51% 626.14 644.14 271.40 FTSE/ATHEX Global Traders Index Plus 1,469.66 # 1,461.01 8.65 0.59% 1,457.79 1,472.80 1,031.55 1,472.80 15.30% # FTSE/ATHEX Global Traders Index 1,618.84 # 1,604.21 14.63 0.91% 1,601,24 1,618.89 1.129.41 1,618.89 13.47% # FTSE/ATHEX Mid & Small Cap Factor-Weighted Ind 1.334.61 # 1.329.66 4.95 0.37% 1,314.61 1.338.44 1.066.64 1.383.28 6.30% # Greece & Turkey 30 Price Index 434.59 -2.81 -0.65% 429 88 433.68 396.10 527.12 -6.99% Œ 431.78 Œ ATHEX Mid & SmallCap Price Index 2,189.69 Œ 2,201.06 -11.37 -0.52% 2,137.41 2,229.71 1,848.24 2,242.26 0.82% # FTSE/Athex Market Index 421.37 Œ 421.40 -0.03 -0.01% 417.05 422.77 265.17 457.53 -6.35% Œ FTSE Med Index 47.08 4,620.16 # 4,573.08 1.03% 4,380.06 5,530.53 -16.46% Œ 953.96 965.70 Athex Composite Index Total Return Index 963.02 # 961.03 1.99 0.21% 626.16 986.51 2.51% # FTSE/Athex Large Cap Total Return 2,429.11 Œ 2,430.56 -1.45 -0.06% 1.574.40 2,572.00 -3.95% Œ FTSE/ATHEX Large Cap Net Total Return 722.64 723.07 -0.43 -0.06% 715.32 725.04 443.06 773.01 -4.35% Œ Œ FTSE/Athex Mid Cap Total Return 958.34 16.35 1.71% 669.55 1,008.35 -2.90% Œ 974.69 # FTSE/ATHEX-CSE Banking Total Return Index 613.84 Œ 616.97 -3.13 -0.51% 318.40 895.04 -29.43% Greece & Turkey 30 Total Return Index 551.18 # 548.05 3.13 0.57% 0.00 660.49 -4.26% 9.58% 2 98 776 99 784 31 Hellenic Mid & Small Cap Index 784.10 # 781.12 0.38% 560.15 786.32 # FTSE/Athex Banks 838.96 Œ 843.24 -4.28 -0.51% 827.28 851.06 358.60 1,239.80 -28.81% Œ FTSE/Athex Financial Services 1,058.70 # 1,036.79 21.91 2.11% 1,019.45 1,061.48 634.69 1.179.09 8.71% # FTSE/Athex Industrial Goods & Services 1,565.31 # 1,562.28 3.03 0.19% 1.554.23 1,577.12 1,369.56 1.844.00 -14.22% Œ 64.29 FTSE/Athex Retail 3,039.18 # 2,974.89 2.16% 2,966.12 3,068.40 1,826.41 3,272.96 20.31% FTSE/ATHEX Real Estate 2,630.30 # 2,625.66 4.64 0.18% 2,592.23 2,644.45 2,154.15 2,644.45 8.69% # FTSE/Athex Personal & Household Goods 6,803.27 # 6,625.01 178.26 2.69% 6,612.56 6,803.27 4,433.32 6,803.27 34.36% # -92.79 -1.23% 0.93% # FTSE/Athex Food & Beverage 7,445.30 Œ 7,538.09 7,362.96 7,538.09 5,952.97 7,850.45 FTSE/Athex Basic Resources 2,604.32 Œ 2,639.52 -35.20-1.33% 2,595.53 2,648.32 1,200.24 2,648.32 59.32% # 16.02 0.72% 2,203.51 2,245.62 2,343.14 19.18% # FTSE/Athex Construction & Materials 2,238.62 # 2,222.60 1,500.04 FTSE/Athex Oil & Gas 2,896.19 -49.96 -1.73% 2,819.39 2,896.19 2,896.19 18.01% # 2.846.23 F 1.860.37 9,814.26 Œ -49.32 44.07% # FTSE/Athex Chemicals 9,863.58 -0.50% 9,814.26 10,060.85 10,603.34 6,190.46 FTSE/Athex Media 1,643.91 1,747.96 -104.05 -5.95% 1,581.49 1,747.96 1,290.16 2,247.37 11.27% FTSE/Athex Travel & Leisure 1,547.07 # 1,540.24 6.83 0.44% 1,521.28 1,547.07 982.74 1,556.21 8.58% # 650.72 Œ 654.27 -3.55 -0.54% 644.63 659.21 489.05 659.86 13.76% # FTSE/Athex Technology 2,669.99 FTSE/Athex Telecommunications 2,356.20 # 2.323.17 33.03 1.42% 2,323.17 2,364.46 1,802.93 -7.36% Œ FTSE/Athex Utilities -27.45 1,600.95 -3.79% Œ 1,612.05 Œ 1.639.50 -1.67% 1,639.50 1,136.34 1.734.68 Athex All Share Index 157.20 # 157.16 0.04 0.03% 157.20 157.20 113.39 165.22 -4.39% Œ Hellenic Corporate Bond Index 108.46 # 108.40 0.06 0.06% 96.90 108.61 7.94% # Hellenic Corporate Bond Price Index 97.40 # 97.36 0.04 0.04% 90.43 97.75 2.80%

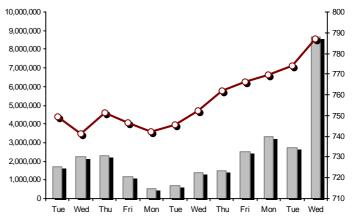
Note 1: FTSE/Med 100, Greece & Turkey 30 Rt., Hellenic Corporate Bond Price Index and Hellenic Corporate Bond Index closing prices refer to the previous trading day of 21/11/2016.

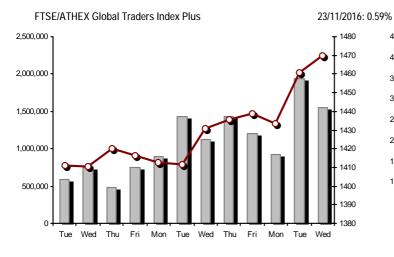
Note 2: The Hellenic Mid & Small Cap Index is a Customized index calculated by the Athens Exchange.

23/11/2016: 1.71%

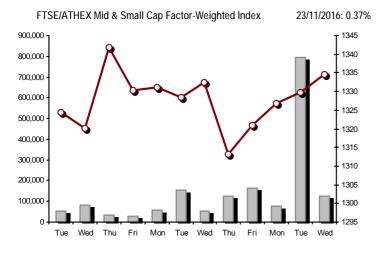
Athex Indices

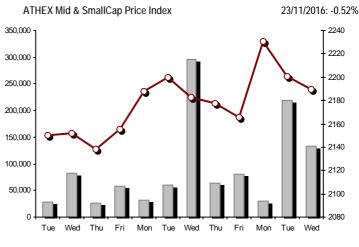












Indices volume of transactions

Indices closing prices

Analytic Figures for Athex Market's Boards and Categories

	Total Traded Securities	Main Market	Low Dispersion	Other Categories (*)	Exchange Traded Funds (ETFs)	Warrants
Totals	118	94	5	13	3	3
Gain / Lose / Same:	57 / 49 / 12	46 / 39 / 9	1/3/1	8/5/0	1/2/0	1/0/2
Athex Capitalisation (mill. €) **	44,554.46	41,496.59	2,941.65	116.22		
Daily Average Trans/ons Value(thou.€)	60,349.01	58,884.07	1,472.57	9.68	14.45	10.40
Transactions Value	76,510.79	76,412.92	52.89	5.91	2.59	36.48
Main Board:	65,952.39	65,854.53	52.89	5.91	2.59	36.48
Blocks Board 6_2_3:	10,558.40	10,558.40	0.00	0.00	0.00	0.00
Forced Sales Board:	0.00	0.00	0.00	0.00	0.00	0.00
Special Terms Board:	0.00	0.00	0.00	0.00	0.00	0.00
Daily Average Transactions Volume	96,259,499	91,295,438	346,643	90,130	6,254	4,599,454
Transactions Volume	159,837,966	145,372,002	18,756	53,336	155	14,393,717
Main Board:	137,667,685	123,201,721	18,756	53,336	155	14,393,717
Blocks Board 6_2_3:	22,170,281	22,170,281	0	0	0	0
Forced Sales Board:	0	0	0	0	0	0
Special Terms Board:	0	0	0	0	0	0
Daily Average Number of Trades	18,926	18,778	37	52	4	55
Number of Trades	23,244	23,004	38	55	3	144
Main Board:	23,234	22,994	38	55	3	144
Blocks Board 6_2_3:	10	10	0	0	0	0
Forced Sales Board:	0	0	0	0	0	0
Special Terms Board:	0	0	0	0	0	0

^(*) Summarised Transactions figures for Under Deletion and Under Superivision Categories.(**) The Market Capitalization of the Companies that belong in the Under Supervision Status is not included.

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	4/4/2	10,758	145,868,164	40,513,289.17	52.95%
1700 -	- Basic Resources	3/3/1	779	446,354	2,046,226.13	2.67%
1300 -	- Chemicals	0/3/0	138	40,968	73,776.02	0.10%
2300 -	- Construction & Materials	8/5/1	1,259	748,714	3,883,185.62	5.08%
12000 -	- Financial Instruments	1/2/0	3	155	2,585.41	0.00%
8700 -	- Financial Services	3/1/0	1,513	8,412,211	1,503,434.36	1.96%
3500 -	- Food & Beverage	4/4/0	256	135,149	758,564.44	0.99%
4500 -	- Health Care	3/0/1	174	378,503	59,174.93	0.08%
2700 -	- Industrial Goods & Services	7/5/2	760	272,389	970,868.52	1.27%
8500 -	- Insurance	0/1/0	8	158	296.12	0.00%
5500 -	- Media	1/1/0	15	7,337	578.86	0.00%
500 -	- Oil & Gas	0/2/0	1,337	685,630	6,806,681.62	8.90%
3700 -	- Personal & Household Goods	5/4/1	869	340,019	2,952,368.53	3.86%
8600 -	- Real Estate	4/4/1	234	57,242	291,451.38	0.38%
5300 -	- Retail	4/1/0	673	121,831	1,282,826.20	1.68%
9500 -	- Technology	3/3/1	214	115,208	85,132.91	0.11%
6500 -	- Telecommunications	1/0/0	1,224	748,228	6,384,557.59	8.34%
5700 -	- Travel & Leisure	5/3/1	1,830	939,012	7,119,136.21	9.30%
7500 -	- Utilities	1/3/1	1,200	520,694	1,776,658.36	2.32%

Top 10 best & worst performing Shares

		Mair	Market		
With positive Price change	Closing price	change	With negative Price change	Closing price	change
MARFIN INVESTMENT GROUP (CR)	0.139	13.93% #	ELASTRON (CR)	0.720	-5.26%
REVOIL (CR)	0.374	7.16% #	HELLENIC PETROLEUM (CR)	4.53	-3.20%
HYGEIA SA (CR)	0.155	4.73% #	PPC (CR)	3.22	-2.42%
JUMBO SA (CR)	13.10	3.23% #	EYDAP S.A. (CR)	5.38	-1.82%
TECHNICAL OLYMPIC SA (CR)	0.929	3.22% #	ATTICA BANK S.A. (CR)	0.067	-1.47%
BANK OF CYPRUS (CR)	0.129	3.20% #	MYTILINEOS HOLDINGS (CR)	5.92	-1.33%
NIREFS SA (CR)	0.172	2.38% #	PLAISIO COMPUTERS SA (CR)	3.92	-1.26%
GEK TERNA (CR)	2.29	2.23% #	CC HBC AG (CR)	19.98	-1.24%
FOLLI FOLLIE (CR)	20.80	2.16% #	MOTOR OIL (CR)	12.05	-0.99%
ELTECH ANEMOS S.A. (CR)	0.845	2.05% #	TITAN CEMENT CO. (PR)	13.25	-0.97%
			EUROBANK ERGASIAS (CR)	0.713	-0.97%
With the highest Transactions Value	Value (thou. €)	change	With the highest Transactions Volume	Volume	change
NATIONAL BANK (CR)	13,403.06	0.44% #	NATIONAL BANK (CR)	59,099,080	0.44%
ALPHA BANK (CR)	12,635.93	-0.53%	E PIRAEUS BANK (CR)	30,425,225	-0.95%
OPAP (CR)	6,431.03	0.34% #	BANK OF CYPRUS (CR)	27,061,382	3.20%
OTE (CR)	6,384.56	1.42% #	MARFIN INVESTMENT GROUP (CR)	8,337,965	13.93%
PIRAEUS BANK (CR)	6,351.92	-0.95%	E ALPHA BANK (CR)	6,733,702	-0.53%
MOTOR OIL (CR)	5,934.06	-0.99% (E EUROBANK ERGASIAS (CR)	6,095,825	-0.97%
EUROBANK ERGASIAS (CR)	4,361.14	-0.97%	E ATTICA BANK S.A. (CR)	2,052,568	-1.47%
BANK OF CYPRUS (CR)	3,515.82	3.20% #	OTE (CR)	748,228	1.42%
TITAN CEMENT (CR)	3,072.46	0.46% #	OPAP (CR)	725,871	0.34%

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

Derivatives Summary

	Number of Trades	Volume	Open Interest
Index Futures	401	1,913	9,354
FTSE/Athex Large Cap	401	1,913	9,354
Stock Futures	2,763	94,512	362,129
ALPHA BANK (CR)	214	5,195	17,875
CC HBC AG (CR)	2	2	154
CORINTH PIPEWORKS (CR)	6	32	811
ELLAKTOR (CR)	101	572	3,704
EUROBANK ERGASIAS (CR)	327	7,968	31,449
EYDAP S.A. (CR)	14	44	305
FOLLI FOLLIE (CR)	35	139	488
GEK TERNA (CR)	32	232	8,185
GRIVALIA PROPERTIES (CR)	5	9	49
HELLENIC EXCHANGES-A.S.E. (CR)	14	37	366
HELLENIC PETROLEUM (CR)	39	111	3,880
INTRALOT (CR)	17	84	1,131
JUMBO SA (CR)	27	61	273
MARFIN INVESTMENT GROUP (CR)	289	9,303	50,580
METKA (CR)	35	121	626
MOTOR OIL (CR)	5	12	351
MYTILINEOS HOLDINGS (CR)	114	441	8,407
NATIONAL BANK (CR)	537	39,304	117,567
OPAP (CR)	141	655	1,949
OTE (CR)	161	674	8,338
P.P.A. S.A. (CR)	10	31	666
PIRAEUS BANK (CR)	437	28,349	92,971
PPC (CR)	178	1,077	7,908
TERNA ENERGY (CR)	1	1	1,241
TITAN CEMENT (CR)	10	17	130
VIOHALCO SA/NV (CB)	12	41	2,725
Index Options	40	165	2,033
FTSE/Athex Large Cap	40	165	2,033
Stock Options	1	5	609
ALPHA BANK (CR)	0	0	50
NATIONAL BANK (CR)	0	0	0
OPAP (CR)	0	0	274
OTE (CR)	0	0	250
PIRAEUS BANK (CR)	0	0	0
PPC (CR)	1	5	35
Total Derivatives Traded	3,205	96,595	374,125

Number of Outstanding Securities Nominal Value		lends [1] 2014 2	Date of Las 2015 Dividend [2]	st Coupon Right Not	Shares	Closing price	% change	Previous closing price/date	Open price	Price Price Last A min max price pr		Last Ask [7]	P/E after	Year	Volume	Frades -	Transactions Value[8]	Company Mkt Value (thou. €)	Year Year low high	
Warrants																				
1,141,734,167				11/06/2013	ALPHA BANK (W)	0.002	¬	0.002 22/11/2016	0.002	0.001 0.003 0.002	0.0020031515@0.001	20037865@0.002		2015	12,632,374	58	25,258.95	2,889,336.66	0.001 0.0	.004 83
245,745,725				27/06/2013	NATIONAL BANK (W)	0.010	42.86 #	0.007 22/11/2016	0.008	0.007 0.010 0.010	0.009 2000@0.009	537809@0.010		2015	1,224,343	77	10,680.19	2,085,550.55	0.002 0.0	.025 83r
843,637,022				03/07/2013	PIRAEUS BANK (W)	0.001	¬	0.001 22/11/2016	0.001	0.001 0.001 0.001	0.001	10397970@0.001		2015	537,000	9	537.00	1,816,502.12	0.001 0.0	.002 83
Main Market																				
71,417,100 0.650		0.7	0.7 13/05/2016	27/06/2014	AEGEAN AIRLINES (CR)	6.29	1.45 #	6.20 22/11/2016	6.20	6.20 6.30 6.29	6.25 600@6.26	7397@6.30	8.28	2015	88,041	330	550,347.54	449,213.56	5.84 9	9.06 575
11,178,000 1.12			21/04/2010	15/12/2014	AEOLIAN INVESTMENT FUND (CF	0.510	2.00 #	0.500 22/11/2016	0.499	0.499 0.510 0.510	0.500 300@0.499	50@0.520		2015	1,050	3	524.50	5,700.78	0.384 0.7	.701 89
1,536,881,200 0.300			07/04/2008	27/11/2015	ALPHA BANK (CR)	1.88	-0.53 (1.89 22/11/2016	1.89	1.84 1.91 1.88	1.88 31410@1.86	52385@1.88		2015	6,733,702	1,521	12,635,933.76	2,889,336.66	0.949 2	2.75 83
22,016,250 0.370			15/07/2009	11/05/2000	ALUMIL (CR)	0.218		0.218 22/11/2016	0.218	0.212 0.218 0.218	0.217 2500@0.200	42451@0.218		2015	783	7	170.16	4,799.54	0.101 0.2	.290 17
417,608 16.00	0.8		29/04/2014	05/03/2013	ANDROMEDA SA (CR)	14.00	1.45 #	13.80 22/11/2016	14.00	14.00 14.00 14.00	14.00 5@14.00	4@15.50		2015	405	4	5,670.00	5,846.51	11.53 14.	4.00 899
13,126,020 0.650			08/07/2010	12/10/2016	AS COMPANY SA (CR)	0.684	3.32 #	0.662 22/11/2016	0.660	0.660 0.688 0.688	0.669 281@0.663	550@0.688	5.82	2015	6,800	9	4,550.58	8,978.20	0.580 0.7	.796 53
86,735,980 0.310			06/07/2009	02/01/2002	ATHENS MEDICAL CENTER SA (C	CR) 0.600	¬	0.600 22/11/2016	0.600	0.600 0.600 0.600	0.600 950@0.563	259@0.600		2015	350	1	210.00	52,041.59	0.539 0.7	.780 45
2,339,353,394 0.300			04/06/2008	01/12/2015	ATTICA BANK S.A. (CR)	0.067	-1.47 d	0.068 22/11/2016	0.069	0.067 0.070 0.067	0.068159909@0.067	10000@0.068		2015	2,052,568	304	139,504.60	156,736.68	0.037 0.2	.279 83 ^r
15,300,000 0.300			30/07/2009	13/12/1999	ATTICA PUBLICATIONS SA (CR)	0.748	¬	0.748 22/11/2016				445@0.674		2015				11,444.40	0.564 1	1.21 55
48,184,910 0.700			01/07/2008	01/03/2010	AUDIO VISUAL ENTERPRISES (CI	R) 0.079	-5.95 d	0.084 22/11/2016	0.076	0.076 0.080 0.080	0.078	4000@0.079		2015	6,955	8	544.10	3,806.61	0.028 0.1	.108 55
12,213,750 0.320		0.8	0.85 07/06/2016	22/11/2013	AUTOHELLAS SA (CR)	12.88	1.74 #	12.66 22/11/2016	12.46	12.46 12.88 12.88	12.62 30@12.52	150@12.88	10.29	2015	83	4	1,047.58	157,313.10	9.51 13	3.00 575
8,922,944,533 0.100			31/05/2011	02/02/2015 485	57 BANK OF CYPRUS (CR)	0.129	3.20 #	0.125 22/11/2016	0.127	0.125 0.132 0.129	0.130155000@0.128	5329@0.129		2015	27,061,382	270	3,515,815.52	1,151,059.84	0.121 0.1	.174 83
19,864,886 5.60	0.672	0.672	0.672 03/03/2016	02/07/2008	BANK OF GREECE (CR)	10.52	0.29 #	10.49 22/11/2016	10.50	10.25 10.56 10.52	10.42 5@10.46	97@10.52			6,665	80	69,435.61	208,978.60	8.70 11	1.11 835
23,986,500 1.05			26/06/2009	15/03/2000	BIOKARPET S.A.(CR)	0.290	¬	0.290 22/11/2016				300@0.301		2015				6,956.09	0.139 0.4	.459 37.
15,842,391 1.51			15/07/2009	12/05/2000	BITROS HOLDING SA (CR)	0.194	¬	0.194 22/11/2016			1166@0.177	648@0.194		2015				3,073.42	0.125 0.2	.227 17
15,816,009 0.300			01/07/2009	17/07/2000	BYTE COMPUTER SA (CR)	0.310		0.310 22/11/2016			100@0.301	100@0.318		2015				4,902.96	0.256 0.3	.322 95′
365,203,298 6.70	0.354	0.36	0.4 30/06/2016	29/04/2013	CC HBC AG (CR)	19.98	-1.24 (20.23 22/11/2016	19.84	19.76 19.99 19.98	19.85 1700@19.82	46@19.98			36,684	133	728,272.00	7,296,761.89	15.97 21.	1.07 35
101,123,806 0.360			22/07/2010	28/06/2011	CENTRIC HOLDINGS (CR)	0.100	4.17 #	0.096 22/11/2016	0.100	0.099 0.101 0.101	0.100 4797@0.099	10000@0.100		2015	29,256	22	2,923.00	10,112.38	0.067 0.1	.147 57!
124,170,201 0.780			28/06/2002	2 07/02/2005	CORINTH PIPEWORKS (CR)	0.622	0.32 #	0.620 22/11/2016	0.615	0.611 0.624 0.622	0.616 700@0.618	585@0.622	24.04	2015	40,084	64	24,680.42	77,233.87	0.522 1	1.03 17
9,907,500 0.300			06/10/2005	13/02/2002	CPI SA (CR)	0.188	¬	0.188 22/11/2016			200@0.170	57@0.188	22.50	2016				1,862.61	0.092 0.1	.196 95
41,068,800 0.420	(0.0667)	(0.03)	0.1205 19/08/2016	17/02/2016	CRETE PLASTICS SA (CR)	5.05	-0.98 d	5.10 22/11/2016	4.95	4.95 5.06 5.06	4.97 300@4.89	236@5.09	16.95	2015	1,255	7	6,237.80	207,397.44	3.19 5	5.30 135
15,000,000 0.300			06/07/2007	18/07/2000	DAIOS PLASTICS SA (CR)	2.90	¬	2.90 22/11/2016			50@2.67			2015				43,500.00	2.45 2	2.95 135
34,720,000 0.310			16/06/2010	01/08/2007	DROMEAS SA (CR)	0.107	2.89 #	0.104 22/11/2016	0.099	0.099 0.107 0.107	0.102 2300@0.099	400@0.107		2015	300	4	30.50	3,715.04	0.066 0.1	.152 37
3,873,120 0.300			07/07/2008	04/10/2012	DRUCKFARBEN HELLAS (CR)	0.420		0.420 22/11/2016			1500@0.420	***	0.67	2015				1,626.71	0.360 0.5	.550 13 ^r
11,250,000 0.520			0.04 25/07/2016	09/11/2015	EKTER SA (CR)	0.480	-3.81 (2 0.499 22/11/2016	0.499	0.448 0.500 0.480	0.485 100@0.453	380@0.480	15.16	2015	2,560	9	1,240.60	5,400.00	0.301 0.5	.509 23
32,188,050 1.04			21/07/2008	3 20/01/2000	EL. D. MOUZAKIS SA (CB)	0.134	-9.46 Q	0.148 22/11/2016	0.134	0.134 0.140 0.134	0.134	2960@0.140		2015	3,140	7	421.00	4,313.20	0.084 0.2	.215 37/
18,421,516 1.00			07/07/2009	10/09/2010	ELASTRON (CR)	0.720	-5.26 (0.760 22/11/2016	0.739	0.690 0.750 0.720	0.705 200@0.670	245@0.720		2015	31,299	67	22,059.13	13,263.49	0.310 0.8	.850 17
31,734,530 1.60			09/07/2007	19/07/2006	ELGEKA SA (CR)	0.150	¬	0.150 22/11/2016			100@0.137	500@0.149		2015				4,760.18	0.118 0.2	.210 35
23,828,130 0.500			0.16 08/06/2016	17/02/2009	ELINOIL S.A. (CR)	0.923	¬	0.923 22/11/2016			369@0.800	369@0.900	8.09	2015				21,993.36	0.634 1	1.25 5
177,001,313 1.03			05/07/2011	20/12/2007	ELLAKTOR (CR)	1.20	0.84 #	1.19 22/11/2016	1.20	1.18 1.21 1.20	1.19 13242@1.19	48066@1.20		2015	378,422	506	450,404.18	212,401.58	0.857 1	1.59 23
82,667,000 0.300				22/07/2014	ELTECH ANEMOS S.A. (CR)	0.845	2.05 #	0.828 22/11/2016	0.836	0.811 0.846 0.845	0.831 2000@0.833	499@0.843	9.09	2015	33,166	53	27,558.40	69,853.62	0.533 0.8	.846 75
26,730,187 0.600	0.05		23/06/2014	30/12/2010	ELTON SA (CR)	0.898	-1.32 Q	0.910 22/11/2016	0.860	0.860 0.920 0.898	0.868 500@0.862	178@0.898	16.03	2015	10,543	31	9,156.03	24,003.71	0.802 1	1.00 13
14,050,971 0.340			06/07/2011	17/10/2002	ELTRAK SA (CR)	1.27		1.27 22/11/2016			300@1.22	150@1.35	25.24	2015				17,844.73	0.990 1	1 / 5 27

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Section 2: Analytic Figures of Shares Transactions

Number of Outstanding Securities Nominal Value		vidends [1] 2014 2	Date of Last 015 Dividend [2]	t Coupon Right	Note	Shares	Closing price	% change	Previous closing price/date	Open price	Price Price Las min max pric		Last Bid [7]	Last Ask [7]	P/E after	Year	Volume	Trades	Transactions Value[8]	Company Mkt Value (thou. €)	Year Year Sector[low high 4]
Main Market																					
3,307,500 0.960			11/08/2010	23/09/2016		ELVE SA (CR)	2.05	7	2.05 22/11/2016				150@1.91	70@2.00	16.34	2015				6,780.38	1.31 2.10 3763
2,185,998,765 0.300			02/05/2008	27/11/2015		EUROBANK ERGASIAS (CR)	0.713	-0.97 Œ	0.720 22/11/2016	0.720	0.705 0.727 0.7	713 (0.715 11520@0.712	413101@0.713		2015	6,095,825	2,428	4,361,138.30	1,558,617.12	0.241 1.17 8355
8,623,225 0.600			02/06/2010	30/05/2016	5031	EUROCONSULTANTS S.A. (CR)	0.595	7	0.595 22/11/2016	0.595	0.595 0.595 0.5	595 (0.595 180@0.568	170@0.608		2015	110	1	65.45	5,130.82	0.504 1.82 2791
27,503,677 0.630			0.06 22/06/2016	18/10/1999		EUROPEAN RELIANCE INSUR. (CR)	1.96	-0.51 Œ	1.97 22/11/2016	1.86	1.86 1.98 1	.96	1.87 9@1.91	11@1.96	4.89	2015	158	8	296.12	53,907.21	1.21 2.10 8536
13,673,200 0.880			18/07/2008	26/07/2001		EVROFARMA SA (CR)	0.180	¬	0.180 22/11/2016				500@0.172		10.84	2015				2,461.18	0.120 0.320 3577
106,500,000 0.600	0.36	0.2	0.31 28/06/2016	28/01/2000		EYDAP S.A. (CR)	5.38	-1.82 Œ	5.48 22/11/2016	5.48	5.35 5.48 5	.38	5.40 1230@5.36	900@5.39	13.12	2015	77,475	367	418,672.14	572,970.00	3.60 6.10 7577
52,800,154 0.300	0.2		20/08/2014	21/06/2004		F.G. EUROPE S.A. (CR)	0.594	7	0.594 22/11/2016					1000@0.575	26.25	2015				31,363.29	0.441 0.700 3722
10,203,575 0.730			16/07/2007	18/10/1999		FIERATEX SA (CR)	0.160	¬	0.160 22/11/2016					2778@0.144		2015				1,632.57	0.039 0.205 3763
11,720,024 0.540	0.0394		21/08/2014	04/11/2015		FLEXOPACK SA (CR)	2.74	¬	2.74 22/11/2016				284@2.76	100@3.01	7.29	2015				32,112.87	2.10 3.08 2723
4,181,450 0.500			21/08/2000	05/03/2002		FLOUR MILLS SARANTOPOULOS SA	0.630	7	0.630 22/11/2016				200@0.567			2015				2,634.31	0.362 1.01 3577
66,948,210 0.300		0.1005	22/09/2015	22/09/2015		FOLLI FOLLIE (CR)	20.80	2.16 #	20.36 22/11/2016	20.36	20.23 21.03 20	.80	20.75 500@20.75	538@20.87		2015	60,620	607	1,257,981.16	1,392,522.77	12.50 22.40 5379
50,992,322 1.07			21/06/2010	16/07/2002		FOURLIS (CR)	4.07	2.01 #	3.99 22/11/2016	4.04	4.00 4.09 4	.07	4.06 6477@4.07	1565@4.10		2015	123,849	113	502,779.35	207,538.75	2.00 4.09 3722
14,076,360 0.370			19/08/2008	22/07/2003		GALAXIDI S.A. (CR)	0.398	7	0.398 22/11/2016					2500@0.359	38.96	2015				5,602.39	0.163 0.570 3573
103,423,291 0.570			01/08/2011	19/04/2016		GEK TERNA (CR)	2.29	2.23 #	2.24 22/11/2016	2.22	2.21 2.32 2	.29	2.26 4000@2.28	394@2.31	14.38	2015	136,693	183	308,677.30	236,839.34	1.05 2.32 2357
8,418,750 0.300			0.12 16/12/2015	27/06/2012		GEKE SA (CB)	5.01	7	5.01 22/11/2016					120@5.50	16.60	2015				42,177.94	3.90 5.60 5753
24,060,000 0.300	0.017	0.02	0.01 11/07/2016	11/07/2016		GEN. COMMERCIAL & IND.SA (CR)	0.349	-2.51 Œ	0.358 22/11/2016	0.324	0.324 0.349 0.3	349 (0.329 2700@0.330	45@0.349	14.68	2015	1,070	7	352.33	8,396.94	0.253 0.394 2797
34,770,982 1.55	0.3	0.15	0.16 20/04/2016	27/07/2000		GR. SARANTIS SA (CR)	10.60	-0.93 Œ	10.70 22/11/2016	10.60	10.60 10.89 10	.60	10.74 50@10.45	817@10.50	33.41	2015	30,464	237	327,140.07	368,572.41	6.56 10.89 3767
101,260,000 2.13	0.1821	0.3037	0.3134 18/03/2016	08/01/2014		GRIVALIA PROPERTIES (CR)	7.59	0.53 #	7.55 22/11/2016	7.62	7.43 7.67 7	.59	7.60 600@7.56	502@7.58	14.26	2015	22,146	121	168,193.03	768,563.40	6.46 7.74 8675
8,340,750 1.18			25/06/2009	09/09/2015		HAIDEMENOS SA (CR)	0.267	¬	0.267 22/11/2016				300@0.187	1000@0.304		2015				2,226.98	0.240 1.04 2791
101,279,627 0.380			26/06/2008	14/07/2006		HALKOR SA (CB)	0.370	6.32 #	0.348 22/11/2016	0.356	0.340 0.377 0.3	370 (0.358 190@0.370	307@0.377		2015	23,814	58	8,515.52	37,473.46	0.193 0.425 1755
29,546,360 0.710			20/06/2008	23/08/2000		HELLENIC CABLES SA (CR)	1.23	0.82 #	1.22 22/11/2016	1.23	1.20 1.24 1	.23	1.22 200@1.22	350@1.23		2015	61,270	78	74,926.72	36,342.02	0.530 1.31 2733
65,368,563 1.08		0.21	0.1026 31/05/2016	04/07/2016		HELLENIC EXCHANGES-A.S.E. (CR)	4.99	-0.20 Œ	5.00 22/11/2016	4.96	4.90 5.00 4	.99	4.95 334@4.96	521@4.99	25.33	2015	72,791	250	359,930.45	326,189.13	3.40 5.56 8777
305,635,185 2.18			31/12/2014	01/10/2003	4795	HELLENIC PETROLEUM (CR)	4.53	-3.20 Œ	4.68 22/11/2016	4.65	4.50 4.65 4	.53	4.56 3@4.52	6000@4.54	50.27	2015	191,441	578	872,617.27	1,384,527.39	2.74 4.68 537
305,732,436 0.410			08/07/2009	28/09/2011		HYGEIA SA (CR)	0.155	4.73 #	0.148 22/11/2016	0.149	0.147 0.159 0.1	155 (0.154 20878@0.155	1300@0.157		2015	363,572	152	55,984.59	47,388.53	0.078 0.197 4533
65,441,118 0.440			24/11/2014	11/08/2015		IASO SA (CR)	0.460	1.77 #	0.452 22/11/2016	0.495	0.452 0.495 0.4	160 (0.453 40@0.452	199@0.460		2015	4,181	13	1,895.43	30,102.91	0.360 0.669 4533
8,298,467 0.400			30/08/1993	08/05/2013		IDEAL GROUP SA (CR)	0.800		0.800 22/11/2016				1274@0.800	112@0.880	-(6)-	2015				6,638.77	0.568 0.959 9574
28,580,100 0.400	0.025		18/08/2014	04/07/2016		IKTINOS HELLAS SA (CR)	0.850	-1.16 Œ	0.860 22/11/2016	0.875	0.815 0.875 0.8	350 (0.827 550@0.817	300@0.844	23.39	2015	6,470	35	5,350.40	24,293.09	0.811 1.15 2353
9,090,000 0.900			15/05/2009	13/10/2014		ILYDA S.A. (CR)	0.437	¬	0.437 22/11/2016					3042@0.437		2015				3,972.33	0.397 0.590 9537
20,578,374 0.620		0.4	0.07 05/07/2016	18/05/2015		INFORM P. LYKOS SA (CR)	0.451	0.22 #	0.450 22/11/2016	0.451	0.451 0.455 0.4	151 (0.452 500@0.460	1393@0.484		2015	560	3	252.96	9,280.85	0.364 0.620 2791
10,500,000 4.00				02/08/2016		INTERCONTINENTAL (CR)	5.59	-0.18 Œ	5.60 22/11/2016	5.59	5.59 5.59 5	.59	5.59	810@5.59			140	2	782.60	58,695.00	5.15 5.80 8674
11,233,200 0.730			12/07/2010	30/07/1999		INTERTECH SA (CR)	0.189	¬	0.189 22/11/2016				890@0.171	200@0.189		2015				2,123.07	0.120 0.376 9572
34,986,430 0.440			25/07/2008	23/02/2010		INTERWOOD-XYLEMPORIA (CR)	0.065	4.84 #	0.062 22/11/2016	0.065	0.065 0.065 0.0)65 (0.065 7000@0.061	3000@0.065		2015	17,000	4	1,105.00	2,630.91	0.061 0.093 2353
2,566,836 0.440			13/08/2010	09/01/2007		INTERWOOD-XYLEMPORIA (PR)	0.139	¬	0.139 22/11/2016					68@0.129		2015				2,630.91	0.139 0.189 2353
23,154,250 1.36			12/08/2008	02/08/2010		INTRACOM CONSTR. (CR)	0.439		0.439 22/11/2016	0.336	0.336 0.440 0.4	139 (0.428 200@0.390	345@0.439		2015	405	7	173.31	10,164.72	0.222 0.599 2357
133,025,996 1.41			03/07/2007	07/01/2002		INTRACOM HOLDINGS (CR)	0.330	0.61 #	0.328 22/11/2016	0.328	0.321 0.331 0.3	330 (0.327 100@0.325	40@0.330		2015	84,610	92	27,626.48	43,898.58	0.245 0.394 9578
158,961,721 0.300			30/05/2013	14/11/2007		INTRALOT (CR)	1.08	1.89 #	1.06 22/11/2016	1.06	1.06 1.10 1	.08	1.08 6300@1.07	1125453@1.08		2015	85,200	116	92,150.69	171,678.66	0.815 1.39 5752
77,654,850 0.580			01/07/2011	21/02/2003		J & P - AVAX SA (CR)	0.430	-0.69 Œ	0.433 22/11/2016	0.439	0.424 0.439 0.4	130 (0.428 1348@0.430	2000@0.436		2015	33,314	85	14,271.44	33,391.59	0.208 0.534 2357
136,059,759 0.880	0.18	0.18	04/11/2016	05/03/2014		JUMBO SA (CR)	13.10	3.23 #	12.69 22/11/2016	12.70	12.58 13.10 13	.10	12.83 600@12.91	30@13.14	21.62	2016	163,288	425	2,095,466.31	1,782,382.84	8.75 13.10 3747

Hellenic Exchanges – Athens Stock Exchange S.A.

Strategic Communication & Market Analysis Division - Market Analysis Department

Year: 137 Trading Day No: 223

Wednesday, 23 November, 2016

Number of Outstanding Securities Nominal Value	Dividends [1 2013 2014	Date of Last Coupor 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	rades 1	Fransactions Value[8]	Company Mkt Value (thou. €)	Year Year Sector low high 4]
Main Market																		
9,742,920 0.400	0.01 0.01	0.01 12/08/2016 14/07/2	000	KARAMOLEGOS SA (CR)	1.80		1.80 22/11/2016			609@1	80	-(6)-	2015				17,537.26	0.601 1.80 35
14,679,792 1.68		24/06/2014 04/09/2	000	KARATZIS SA (CR)	3.90	1.04 #	3.86 22/11/2016	3.80	3.80 3.90 3.90	3.87 600@3	73 500@4.24	11.19	2015	350	5	1,354.00	57,251.19	3.40 4.22 27
13,202,756 0.350		01/07/2004 05/08/2	014	KEKROPS SA (CR)	0.374	5.65 #	0.354 22/11/2016	0.319	0.319 0.382 0.380	0.351 764@0.	325 500@0.374		2015	381	22	133.92	4,937.83	0.175 0.398 86
7,595,160 0.600		08/08/2008 18/08/2	010	KIRIAKOULIS SHIPPING SA (CR)	0.721		0.721 22/11/2016				4035@0.649	89.77	2015				5,476.11	0.220 0.721 57
23,648,700 0.350		13/07/2011 31/03/2	015	KLEEMAN HELLAS SA (CR)	2.02		2.02 22/11/2016	2.02	2.02 2.02 2.03	2.025719609@	2.02 195@2.05	24.37	2015	14,930	9	30,158.60	47,770.37	1.21 2.05 27
40,219,218 0.300		25/05/2009 09/07/2	013	KLOUKINAS - LAPPAS SA (CR)	0.288	3.60 #	0.278 22/11/2016	0.305	0.285 0.305 0.28	3 0.294 50@0.2	71 50@0.272		2015	128	4	37.59	11,583.13	0.218 0.353 23
21,224,340 0.420		02/07/2008 25/04/2	006	KORDELLOS BROS SA (CR)	0.327	-9.92 Œ	0.363 22/11/2016	0.327	0.327 0.327 0.32	7 0.327	44783@0.327		2015	17,072	11	5,582.54	6,940.36	0.167 0.373 17
13,586,500 0.390		25/06/2010 28/05/2	800	KORRES (CR)	3.50		3.50 22/11/2016	3.50	3.50 3.55 3.50	3.52 550@3	41 550@3.50		2015	4,438	31	15,600.00	47,552.75	2.79 3.90 37
29,480,000 0.420		19/07/2010 01/08/2	007	KRETA FARM SA (CR)	0.423	1.44 #	0.417 22/11/2016	0.410	0.410 0.423 0.423	3 0.423 256@0.	110 14@0.423		2015	2,744	7	1,159.94	12,470.04	0.300 0.610 35
33,065,136 0.380	0.06	0.06 18/08/2016 16/09/2	013	KRI-KRI S.A. (CR)	1.71	-1.72 Œ	1.74 22/11/2016	1.65	1.64 1.71 1.7	1 1.65 188@1	65 920@1.71	14.71	2015	2,400	7	3,962.60	56,541.38	1.50 1.90 35
15,804,800 0.360		15/06/2010 12/03/2	004	KTIMA KOSTAS LAZARIDIS SA (CR)	0.370		0.370 22/11/2016			350@0.	325 2123@0.397		2015				5,847.78	0.166 0.534 35
23,286,253 0.990	0.2406	14/08/2015 15/09/2	014	KYRIAKIDIS MARBLES SA (CR)	3.10	5.80 #	2.93 22/11/2016	3.00	3.00 3.10 3.10	3.08 93@3.	10 100@3.13	11.86	2015	2,007	10	6,176.70	72,187.38	2.11 3.25 23
79,721,775 0.300		30/05/2007 23/06/2	014	LAMDA DEVELOPMENT SA (CR)	4.81	-0.41 Œ	4.83 22/11/2016	4.81	4.75 4.82 4.8	1 4.79 350@4	76 306@4.81		2015	23,029	76	110,373.71	383,461.74	3.12 5.12 86
21,364,000 1.12		05/07/2010 10/08/2	005	LAMPSA HOTEL SA (CR)	17.00		17.00 22/11/2016			50@16	60 30@16.80	77.36	2015				363,188.00	15.32 18.00 57
5,939,268 0.620		10/07/2003 03/01/2	002	LANAKAM SA (CR)	0.589		0.589 22/11/2016				2300@0.530		2015				3,498.23	0.539 0.638 37
4,740,000 0.860		14/03/2	003	LOGISMOS S.A. (CR)	0.330		0.330 22/11/2016			800@0.	251 490@0.428		2015				1,564.20	0.219 0.489 95
17,125,062 0.940		01/06/2010 18/07/2	016	LOULIS MILLS SA (CR)	1.47	-0.68 Œ	1.48 22/11/2016	1.61	1.42 1.61 1.4	7 1.44 200@1	42 250@1.46	42.96	2015	7,002	23	10,100.24	25,173.84	1.30 1.83 35
939,510,748 0.300		26/04/2007 29/08/2	014	MARFIN INVESTMENT GROUP (CR)	0.139	13.93 #	0.122 22/11/2016	0.123	0.122 0.144 0.139	0.136 4832@0	138 35586@0.139		2015	8,337,965	1,256	1,137,309.41	130,591.99	0.048 0.222 87
9,819,370 0.690		14/08/2007 09/01/2	004	MATHIOS REFRACTORY SA (CR)	0.345		0.345 22/11/2016				1200@0.311		2015				3,387.68	0.162 0.359 23
468,700	0.65 1.48	26/04/2016 21/05/2	004	MERMEREN KOMB. A.D. PR. (GDR)	6.19	2.48 #	6.04 22/11/2016	6.19	6.19 6.19 6.19	6.19 150@5	40 76@6.00	0.60	2015	4	1	24.76	2,901.25	4.83 8.49 17
51,950,600 0.320	0.3 0.5	0.12 13/05/2016 21/10/2	005	METKA (CR)	7.22	0.70 #	7.17 22/11/2016	7.25	7.12 7.25 7.2	7.19 175@7	13 883@7.22	21.67	2015	65,829	321	473,072.91	375,083.33	6.24 7.93 27
10,500,000 0.950		24/06/2008 19/12/2	013	MEVACO SA (CR)	0.908		0.908 22/11/2016			200@0.	920 200@0.996		2015				9,534.00	0.705 1.10 27
6,700,000 0.800	0.16 0.03	0.023 27/06/2016 29/05/2	014	MILLS KEPENOS (CR)	1.29		1.29 22/11/2016				227@1.37	12.44	2015				8,643.00	0.880 2.21 35
6,200,000 0.500		22/06/2010 01/11/1	995	MINERVA KNITWEAR SA (CB)	0.048		0.048 22/11/2016			4000@0	044		2015				297.60	0.044 0.092 37
12,417,000 0.370		28/07/2008 06/09/2	011	MLS MULTIMEDIA SA (CR)	4.05	0.50 #	4.03 22/11/2016	3.97	3.97 4.07 4.09	5 4.01 100@3	98 185@4.05	24.87	2015	6,435	31	25,811.15	50,288.85	2.75 4.07 95
11,700,000 0.590		02/06/2009 24/07/2	012	MOTODYNAMICS S.A. (CR)	0.428		0.428 22/11/2016			310@0.	371 50@0.415	15.62	2015				5,007.60	0.227 0.569 53
110,782,980 0.750	0.2	0.65 27/06/2016 04/11/2	013	MOTOR OIL (CR)	12.05	-0.99 Œ	12.17 22/11/2016	12.17	11.79 12.17 12.0	5 12.01 561@11	.97 4719@12.05	6.64	2015	494,189	759	5,934,064.35	1,334,934.91	8.13 12.17 5
116,915,862 0.970		11/05/2009 19/10/2	015	MYTILINEOS HOLDINGS (CR)	5.92	-1.33 Œ	6.00 22/11/2016	5.96	5.90 6.02 5.93	2 5.96 3600@5	.91 100@5.99		2015	333,298	571	1,985,193.60	692,141.90	2.70 6.02 17
8,321,682 0.670		17/08/2007 23/11/1	999	N. LEVEDERIS SA (CB)	0.225		0.225 22/11/2016				200@0.247		2015				2,477.33	0.138 0.385 17
2,160,524 0.670	0.0436 0.0436	0.0436 04/08/2016 23/11/1	999	N. LEVEDERIS SA (PB)	0.280		0.280 22/11/2016			400@0.	196 500@0.279		2015				2,477.33	0.202 1.25 17
11,510,102 0.890		24/06/2005 06/10/1	999	NAFPAKTOS TEXTILE IND. SA (CB)	0.120		0.120 22/11/2016			1000@0	110		2015				1,381.21	0.085 0.313 37
6,340,000 0.600		30/11/2009 09/11/2	016	NAKAS MUSIC	0.820	-1.44 Œ	0.832 22/11/2016	0.820	0.820 0.820 0.820	0.820 200@0.	790 270@0.830	5.16	2016	250	1	205.00	5,198.80	0.600 1.11 53
9,147,151,527 0.300		16/05/2008 30/11/2	015	NATIONAL BANK (CR)	0.228	0.44 #	0.227 22/11/2016	0.225	0.220 0.236 0.22	3 0.227575200@	0.227 201077@0.22	3	2015	59,099,080	3,830	13,403,061.68	2,085,550.55	0.099 0.340 83
23,935,280 0.300		29/06/2009 13/06/2	000	NAYTEMPORIKI PUBLISHING SA(CR)	0.060		0.060 22/11/2016			363@0.	058		2015				1,436.12	0.049 0.097 55
27,848,000 0.300	0.004 0.0032	0.0084 16/08/2016 02/09/2	003	NEWSPHONE HELLAS SA (CR)	0.209	-7.11 Œ	0.225 22/11/2016	0.221	0.206 0.221 0.210	0.217 995@0.	210 1750@0.237	8.78	2015	2,478	5	538.52	5,820.23	0.135 0.291 27
291,497,368 0.300		08/07/2008 21/03/2	016	NIREFS SA (CR)	0.172	2.38 #	0.168 22/11/2016	0.167	0.166 0.174 0.172	2 0.171 10000@0	.170 20@0.172	0.24	2015	80,967	72	13,862.72	2 50,137.55	0.067 0.297 35
319,000,000 0.300	0.25 0.57	0.4 13/10/2016 25/04/2	001	OPAP (CR)	8.90	0.34 #	8.87 22/11/2016	8.75	8.75 8.90 8.9	8.86 19@8.	31 1350@8.91	13.45	2015	725,871	1,322	6,431,033.74	2,839,100.00	5.16 8.97 57
490,150,389 2.83	0.08	0.1 29/06/2016 18/06/1	998	OTE (CR)	8.56	1.42 #	8.44 22/11/2016	8.45	8.43 8.60 8.5	5 8.53 790 5@8	.49 7601@8.57	45.31	2015	748,228	1,224	6,384,557.59	4,195,687.33	6.55 9.71 65

Hellenic Exchanges – Athens Stock Exchange S.A.

Strategic Communication & Market Analysis Division - Market Analysis Department

Daily Official List
Section 2: Analytic Figures of Shares Transactions

Number of Outstanding Securities Nominal Value	Dividends 2013 2014		te of Last dend [2]		Note	Shares	Closing price	% change		us closing ce/date	Open price		rice Last A nax price p	vy	ast Bid [7]	Last Ask [7]	P/E after	Year	Volume	Trades	Transactions Value[8]	Company Mkt Value (thou. €)	Year Ye low hi	ear Sector igh 4]
Main Market																								
25,000,000 2.00	0.12 0.099	0.1114 18	3/07/2016	08/08/2003		P.P.A. S.A. (CR)	13.08	0.31 #	13.04	22/11/2016	13.00	12.90	3.25 13.08	13.08	48@12.97	91@13.08	39.04	2015	19,112	131	249,911.90	327,000.00	9.80	14.78 277
4,971,466 1.46		04	1/07/2007	08/10/2003		PAIRIS SA (CR)	0.160	-4.76 Œ	0.168	22/11/2016	0.160	0.160	0.160 0.160	0.160	2000@0.160			2015	5,000	3	800.00	795.43	0.158	0.215 272
3,953,090 0.900	0.067	0.11 20	5/05/2016	05/12/2012		PAPERPACK (CR)	1.50	¬	1.50	22/11/2016					2000@1.40	452@1.52	4.72	2015				5,929.64	0.651	1.52 272
50,797,369 0.310		17	7/08/2000	12/10/2010		PAPOUTSANIS (CR)	0.185	3.93 #	0.178	22/11/2016	0.185	0.185	0.185 0.185	0.185	500@0.150	60@0.170		2015	1,180	5	218.30	9,397.51	0.080	0.217 376
7,070,400 0.930		18	3/05/2010	06/05/2016		PETROPOULOS PETROS (CR)	4.16	0.24 #	4.15	22/11/2016	4.06	4.06	4.16 4.16	4.08	60@4.09	78@4.16	39.01	2015	122	5	497.52	29,412.86	3.43	4.25 275
8,733,183,280 0.300		16	5/05/2008	27/11/2015		PIRAEUS BANK (CR)	0.208	-0.95 Œ	0.210	22/11/2016	0.210	0.204	0.213 0.208	0.2092	25680@0.207	47800@0.209		2015	30,425,225	2,181	6,351,923.56	1,816,502.12	0.067	0.308 83
22,080,000 0.330	0.2	0.08 17	7/05/2016	27/04/2015		PLAISIO COMPUTERS SA (CR)	3.92	-1.26 Œ	3.97	22/11/2016	3.99	3.82	4.03 3.92	3.88	389@3.82	447@3.92	12.90	2015	3,225	54	12,519.66	86,553.60	3.73	4.75 95
232,000,000 4.60	0.05	20	0/07/2015	12/12/2001		PPC (CR)	3.22	-2.42 Œ	3.30	22/11/2016	3.25	3.19	3.30 3.22	3.25	5050@3.21	7707@3.25		2015	401,158	722	1,303,632.03	747,040.00	2.29	4.08 75
11,812,193 0.470	0.02	26	5/03/2015	15/11/2006		PROFILE SA (CR)	0.442	0.91 #	0.438	22/11/2016	0.443	0.439	0.450 0.442	0.444	495@0.442	6500@0.453		2015	11,855	12	5,268.76	5,220.99	0.388	0.546 95
27,345,120 0.470		18	3/07/2005	26/02/2014		QUALITY & RELIABILITY SA (CR)	0.300	-7.41 Œ	0.324	22/11/2016	0.324	0.300	0.324 0.300	0.301	80@0.285	99@0.296		2015	2,126	2	640.20	8,203.54	0.207	0.465 95
11,921,531 3.66		O	5/09/2008	21/01/2016		QUEST HOLDINGS (CR)	5.72	7	5.72	22/11/2016	5.96	5.65	5.96 5.72	5.71	9@5.72	41@5.90		2015	2,096	14	11,972.20	68,191.16	3.30	6.00 95
57,434,884 1.31		O	5/06/2008	12/06/2009		REDS S.A. (CR)	0.310	¬	0.310	22/11/2016	0.312	0.310	0.312 0.310	0.311	3574@0.310	1700@0.341		2015	626	2	194.66	17,804.81	0.280	0.410 86
22,280,000 0.300		11	1/04/2011	23/02/2007		REVOIL (CR)	0.374	7.16 #	0.349	22/11/2016	0.369	0.360	0.375 0.375	0.371	200@0.341	526@0.375	12.02	2015	54,040	55	20,064.65	8,332.72	0.169	0.557 53
7,500,000 0.690	0.0863 0.1	19	9/06/2015	05/07/2016		S.KANAKIS SA (CR)	2.69	1.89 #	2.64	22/11/2016	2.64	2.54	2.77 2.69	2.62		150@2.56	11.49	2015	207	7	541.34	20,175.00	1.75	2.77 35
52,067,296 0.300		23	3/12/2003	24/01/2007		SELECTED TEXT. IND. ASSOC (CR)	0.143	-1.38 Œ	0.145	22/11/2016	0.138	0.138	0.143 0.143	0.138	444@0.137	666@0.143		2016	1,909	13	263.54	7,445.62	0.084	0.205 37
204,235,184 0.300		01	1/07/2008	30/07/2012		SELONDA AQUACULTURE SA (CR)	0.196		0.196	22/11/2016						125@0.187		2015				40,030.10	0.074	0.273 35
6,456,530 1.61		29	9/06/2001	02/08/2010		SPACE HELLAS SA (CR)	0.755		0.755	22/11/2016					200@0.684		5.75	2015				4,874.68	0.592	1.28 95
28,438,268 0.300		2	1/08/2006	24/11/1999		SPIROY AGRICULTURE SA (CR)	0.699		0.699	22/11/2016						3853@0.630		2015				19,878.35	0.630	0.700 13
40,693,350 5.00		03	3/07/2006	26/05/2015		TECHNICAL OLYMPIC SA (CR)	0.929	3.22 #	0.900	22/11/2016	0.880	0.880	0.929 0.929	0.919	52@0.920	416@0.929		2015	11,371	33	10,444.66	37,804.12	0.530	0.930 37
109,314,400 0.300		0.0935 30	0/05/2016	05/08/2015		TERNA ENERGY (CR)	2.88	¬	2.88	22/11/2016	2.90	2.83	2.90 2.88	2.87	479@2.85	4301@2.88	-(6)-	2015	6,751	33	19,360.26	314,825.47	1.92	3.05 75
36,300,000 1.12	0.285 0.24	0.25 23	3/06/2016	12/12/2007		THESSALONIKA WATER & SEWERAG	E 3.47	-0.86 Œ	3.50	22/11/2016	3.48	3.42	3.49 3.42	3.47	539@3.42	495@3.49	9.29	2015	2,144	25	7,435.53	125,961.00	2.65	3.86 75
45,094,620 0.660	0.05 0.0225	20	0/04/2015	01/11/1999		THRACE PLASTICS SA (CR)	1.99	-0.50 Œ	2.00	22/11/2016	2.04	1.99	2.04 1.99	2.00	500@1.97	551@2.00	-(6)-	2015	29,170	100	58,382.19	89,738.29	1.25	2.15 13
77,063,568 4.00	0.1551	0.3099 27	7/06/2016	25/06/2004		TITAN CEMENT (CR)	21.76	0.46 #	21.66	22/11/2016	21.90	21.49	21.90 21.76	21.731	16764@21.75	30@21.86	30.62	2015	141,394	384	3,072,463.91	1,777,191.96	14.86	22.40 23
7,568,960 4.00	0.1551	0.3099 27	7/06/2016	25/06/2004		TITAN CEMENT CO. (PR)	13.25	-0.97 Œ	13.38	22/11/2016	13.38	13.05	3.38 13.25	13.12	50@13.01	129@13.12	18.65	2015	1,601	15	21,002.79	1,777,191.96	7.36	13.38 23
10,080,000 3.00	0.6 1.95	0.58 18	3/07/2016	27/08/2001		TPA SA (CR)	18.39	-0.54 Œ	18.49	22/11/2016	18.48	18.30	8.49 18.35	18.37	30@18.37	1@18.44	10.35	2015	679	17	12,471.21	185,371.20	17.78	24.10 27
15,627,315 0.300		16	5/11/1992	03/12/2012		UNIBIOS (CR)	0.149	-0.67 Œ	0.150	22/11/2016	0.148	0.145	0.149 0.149	0.147	590@0.141	1061@0.149		2015	9,108	10	1,342.20	2,328.47	0.053	0.158 23
18,810,000 0.400		08	3/07/2010	14/11/2007		VARVERIS - MODA BAGNO SA (CR)	0.188	¬	0.188	22/11/2016						4864@0.176		2015				3,536.28	0.072	0.188 23
259,189,761				26/02/2016		VIOHALCO SA/NV (CB)	1.37	-0.72 Œ	1.38	22/11/2016	1.39	1.36	1.40 1.37	1.38	1100@1.36	3238@1.38			90,869	169	125,116.44	355,089.97	0.928	1.67 27
4,968,600 2.88		01	1/07/1998	14/12/1998		VIS SA (CR)	0.884	7	0.884	22/11/2016					110@0.870	150@0.920		2015				4,392.24	0.611	1.00 27
6,325,000 0.600		02	2/05/2014	17/02/2014		VOGIATZOGLOU SYSTEMS SA (CR)	1.19	¬	1.19	22/11/2016						300@1.18		2015				7,526.75	0.700	1.75 27
Exchange Trac	ded Funds	(ETFs)																						
619,082				15/06/2016		ALPHA ETF FTSE Athex Large Cap	16.96	-0.32 Œ	17.01	22/11/2016	16.96	16.96	6.96 16.96	16.96		5@17.13			151	1	2,560.21		11.301	70.69 120
294,878						NBGAM ETF	7.44			22/11/2016	7.44	7.44	7.44 7.44	7.44					2	1	14.88		4.50	7.60 120
388,550				03/11/2010		NBGAM ETF GREECE & TURKEY 30	5.16	-0.96 Œ	5.21	22/11/2016	5.16	5.16	5.16 5.16	5.16					2	1	10.32		4.90	6.27 120
Low Dispersio	n																							
14,000,000 4.15		23	3/04/2010	29/06/1999	4815	ALPHA REAL ESTATE SA(CR)	4.70	-1.05 Œ	4.75	22/11/2016	4.70	4.70	4.70 4.70	4.70	8@4.76	50@4.79	23.75	2015	250	1	1,175.00	65,800.00	4.11	7.30 863

Hellenic Exchanges – Athens Stock Exchange S.A. Strategic Communication & Market Analysis Division - Market Analysis Department

Section 2, 4/7

Year: 137 Trading Day No: 223

Wednesday, 23 November, 2016

Number of Outstanding Securities Nominal Value		dends [1 2014	Date of L 2015 Dividend [2	ast Coupon 2] Right	Note Shares	Closing price	% change	Previous closing price/date	Open price		ce Last Avg ax price pric		Last Ask [7]	P/E after	Year	Volume	rades	Transactions Value[8]	Company Mkt Value (thou. €)		ear Sector igh 4]
Low Dispersio	n																				
81,122,516 3.00			23/06/20	03 04/11/2008	4816 ASTIR PALACE SA (CR)	5.34	-0.37 Œ	5.36 22/11/2016	5.34	5.32	5.35 5.34	5.34 1000@5.32	808@5.33		2015	7,673	27	40,995.89	433,194.24	2.90	5.40 575
13,465,290 0.300			09/08/20	04 09/11/2016	4814 ATHENA SA (CR)	0.900	¬	0.900 22/11/2016					49@0.720		2015				12,118.76	0.180	1.30 235
191,660,320 0.300			20/07/20	09 29/12/2010	4817 ATTICA HOLDINGS (CR)	0.900	-1.96 Œ	0.918 22/11/2016	0.900	0.900 0.	900 0.900	0.900 1086@0.861	3379@0.900	-(6)-	2015	150	2	135.00	172,494.29	0.490	1.40 575
13,404,440 8.63			02/04/20	01 06/03/1992	4822 IONIAN HOTELS SA (CR)	9.90	¬	9.90 22/11/2016				48@9.91	149@10.30	61.21	2015				132,703.96	5.64	12.00 575
2,760,000 11.83	8.5	9.3	8.5 15/07/20	16 16/07/1990	4823 KARELIA TOBACCO CO. SA (CB)	255.00		255.00 22/11/2016				8@244.00	19@254.00	13.18	2015				703,800.00	227.202	279.00 378
106,980,050 2.25			25/07/20	08 24/02/2014	5046 MINOAN LINES SA (CR)	2.40		2.40 22/11/2016	2.40	2.40	2.40 2.40	2.40 367@2.40		15.84	2015	133	1	319.20	256,752.12	2.00	2.45 575
255,494,534 3.00			0.2035 15/04/20	16 23/12/2015	5104 NBG PANGAEA (CR)	4.25		4.25 22/11/2016				300@4.20		21.84	2015				1,085,851.77	3.22	6.03 867
22,996,875 1.25			24/06/20	11 02/02/2016	5116 NEXANS HELLAS SA (CR)	0.930		0.930 22/11/2016				101@0.921	94@1.02		2015				21,387.09	0.781	1.58 273
17,240,776 0.370			14/07/20	05 30/09/2003	4827 PERSEUS SA (CR)	0.240		0.240 22/11/2016				1500@0.200		1.76	2015				4,137.79	0.240	0.520 357
54,888,240 1.13	0.09		25/04/20	14 22/03/2006	5100 TRASTOR REAL EST. INV. CO.(CF	0.973	14.34 #	0.851 22/11/2016	0.850	0.850 0.	980 0.980	0.973 1000@0.710	763@0.980		2015	10,550	7	10,267.50	53,406.26	0.611	1.25 867
Surveillance																					
13,000,000 1.00			01/08/20	07 07/04/2000	5093 AKRITAS SA (CR)	0.151	¬	0.151 22/11/2016				182@0.151			2015				1,963.00	0.061	0.530 235
14,870,100 0.300			15/05/20	08 26/09/2011	4844 ALPHA GRISSIN S.A. (CR)	0.031		0.031 22/11/2016				1000@0.031			2015				460.97	0.019	0.038 953
2,969,713 0.300			02/07/20	08 28/02/2011	4958 ANEK LINES SA (PR, issue '96)	0.086		0.086 22/11/2016						35.97	2015				13,548.61	0.086	0.240 575
312,163 0.300			02/07/20	08 28/02/2011	4959 ANEK LINES SA (PR, issue '90)	0.422		0.422 22/11/2016						-(6)-	2015				13,548.61	0.352	1.04 575
185,373,016 0.300			02/07/20	08 28/02/2011	4957 ANEK LINES SA (CR)	0.071	-1.39 Œ	0.072 22/11/2016	0.070	0.070 0.	072 0.070	0.070 2222@0.060	13000@0.070	29.70	2015	2,605	6	183.57	13,548.61	0.050	0.103 575
20,255,805 0.300			22/08/20	06 02/08/2010	4881 AXON HOLDING SA (CR)	0.006		0.006 22/11/2016				12000@0.006			2015				121.53	0.006	0.070 453
17,579,754 4.16			18/08/20	06 02/08/2010	5097 BIOTER SA (CR)	0.051	18.60 #	0.043 22/11/2016	0.043	0.043 0.	051 0.051	0.051 12943@0.051			2015	9,612	5	490.20	896.57	0.038	0.149 235
4,034,950 0.680			01/07/20	05 30/12/2010	5114 CHATZIKRANIOTIS & SONS SA (C	R) 0.137	10.48 #	0.124 22/11/2016	0.140	0.133 0.	140 0.133	0.137	2999@0.148		2015	4,645	5	636.60	552.79	0.030	0.140 357
1,417,311 0.300			11/08/20	10 12/10/2016	5123 DIONIC (CR)	0.550	¬	0.550 22/11/2016					526@0.540	0.17	2015				779.52	0.240	0.600 279
15,878,748 0.480			10/07/20	06 22/03/2004	5095 DOMIKI KRITIS SA (CR)	0.290		0.290 22/11/2016					315@0.274		2015				4,604.84	0.147	0.318 235
3,961,300 1.28			29/06/20	04 03/08/2000	5080 DUROS SA (CR)	0.491	¬	0.491 22/11/2016					1403@0.489		2015				1,945.00	0.118	0.491 376
7,085,888 1.59			02/07/19	96 06/09/2010	4690 ELVIEMEK (CR)	3.00	3.45 #	2.90 22/11/2016	3.00	3.00	3.00 3.00	3.00			2015	110	2	330.00	21,257.66	2.90	3.97 863
6,000,000 0.600			13/06/20	08 08/04/2004	4886 EUROBROKERS S.A. (CR)	0.010		0.010 22/11/2016				6000@0.010			2015				60.00	0.009	0.010 853
21,820,410 0.800			22/05/20	08 02/08/2011	4882 EUROMEDICA SA (CR)	0.006		0.006 22/11/2016				11000@0.006			2015				130.92	0.006	0.028 453
110,097,185 0.300			***	19/09/2016	5118 Forthnet (CR)	0.266	-5.00 Q	0.280 22/11/2016	0.280	0.260 0.	280 0.260	0.266 13030@0.260	4006@0.280		2015	4,861	9	1,294.46	29,285.85	0.236	0.660 953
50,593,832 0.300			07/07/20	10 07/09/2011	5113 FRIGOGLASS SA (CR)	0.135	1.50 #	0.133 22/11/2016	0.138	0.134 0.	138 0.134	0.135 614@0.134	5000@0.138		2015	10,010	6	1,349.96	6,830.17	0.086	1.87 275
77,376,446 0.340			23/05/20	05 18/08/2011	5094 G.E. DIMITRIOU (CR)	0.031		0.031 22/11/2016					7988@0.025		2015				2,398.67	0.006	0.037 372
1,270,000 0.300			06/07/20	07 06/02/2013	5007 GIRAKIAN PROFIL SA (CB)	0.060		0.060 22/11/2016				3000@0.048			2015				76.20	0.060	0.167 175
1,540,000 0.600			08/08/19	94 19/09/2000	5058 J.BOUTARIS & SON HOLD. (PB)	0.066		0.066 22/11/2016				2000@0.053	8000@0.079		2015				1,562.06	0.006	0.066 353
25,179,640 0.600			08/08/19	94 19/09/2000	5057 J.BOUTARIS & SON HOLD. SA (CI	3) 0.058	-1.70 (E	0.059 22/11/2016	0.058	0.058 0.	058 0.058	0.058	500@0.057		2015	500	2	29.00	1,562.06	0.016	0.128 353
7,125,216 0.650			01/07/20	05 14/12/1999	4955 KRE.KA SA (CR)	0.072		0.072 22/11/2016				4995@0.085			2015				513.02	0.060	0.180 357
51,081,030 1.00			20/08/20	07 03/09/2007	4912 LAVIPHARM SA (CR)	0.104	1.96 #	0.102 22/11/2016	0.114	0.100 0.	114 0.104	0.104 500@0.098	1539@0.105		2015	10,400	8	1,084.91	5,312.43	0.054	0.155 457
7,734,375 1.00			09/07/20	07 07/01/2011	5112 LIVANIS SA (CR)	0.012		0.012 22/11/2016				5296@0.010			2015				92.81	0.012	0.148 555
4,419,616 1.58			21/07/20	11 04/03/2015	4983 MEDICON S.A (CR)	0.371		0.371 22/11/2016				800@0.297	2000@0.420	1.02	2015				1,639.68	0.321	0.790 453
20,231,328 0.600			15/07/20	08 25/06/2004	4879 NIKAS SA (CR)	0.110	¬	0.110 22/11/2016					1000@0.132		2015				2,225.45	0.070	0.132 357
14,967,940 0.500			21/05/20	08 04/01/2008	4956 PASAL DEVELOPMENT S.A. (CR)	0.096	-20.00 n	0.120 22/11/2016	0.007	0.00/_0	096 0.096	0.096 90@0.096	653@0.120		2015	10	1	0.96	1,436.92	0.050	0.300 863

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Strategic Communication & Market Analysis Division - Market Analysis Department

Number of Outstanding Securities Nominal Value		ends [1] 014 20	Date of Las 115 Dividend [2]		Note S	Shares	Closing price	% change	Previous closing price/date	Open price		ice Last nax price	Avy	Last Bid [7]	Last Ask [7]	P/E after	Year	Volume	Trades	Transactions Value[8]	Company Mkt Value (thou. €)	Year Year low hig	
Surveillance																							
18,750,000 0.300			02/07/2001	31/12/2012	4985 I	PEGASUS PUBLISHING S.A. (CR)	0.091	19.74 #	0.076 22/11/2016	0.091	0.091 0	.091 0.091	0.091		94@0.090		2015	382	7	34.7	6 1,706.25	0.040 (0.136 555
65,326,268 0.530			04/07/2007	19/07/2006	4750	SATO SA (CR)	0.060	-20.00 Œ	0.075 22/11/2016	0.060	0.060 0	.060 0.060	0.060		3241@0.060		2015	80	1	4.8	0 3,919.58	0.008 (0.116 372
7,914,480 0.300			23/06/2008	29/06/2011	4888	SFAKIANAKIS SA (CR)	0.205	2.50 #	0.200 22/11/2016	0.205	0.205 0	.205 0.205	0.205	198@0.200			2015	121	1	24.8	1 1,622.47	0.157	5.64 537
10,186,667 1.35			24/06/2008	02/02/2016	4887	SIDMA SA (CR)	0.210	¬	0.210 22/11/2016					96@0.173	720@0.251		2015				- 2,139.20	0.096 (0.380 175
4,737,503 0.320			22/06/2005	22/09/2015	5115	VARANGIS AVEPE S.A. (CR)	0.235	¬	0.235 22/11/2016						10000@0.220		2015				- 1,113.31	0.235 (0.300 372
16,383,428 0.300			25/06/2002	21/06/2013	4997	VARVARESSOS SA (CB)	0.055	7	0.055 22/11/2016					3000@0.066			2015				901.09	0.006	0.172 376
13,191,620 0.620			04/08/2010	09/09/2002	4977 `	YALCO - CONSTANTINOU SA (CB)	0.060	¬	0.060 22/11/2016						1000@0.060		2015				791.50	0.034 (0.143 372
Jnder Deletion	1																						
1,130,180 0.440			20/06/2003	02/07/2014	5092	COMPUCON SA (CR)	0.006	7	0.006 22/11/2016					4000@0.006			2015				6.78	0.006 (0.019 953
9,567,289 0.300			01/07/2004	19/11/2007	5062 I	MARAC ELECTRONICS (CR)	0.298	7	0.298 22/11/2016						14679@0.239		2015				2,851.05	0.298 (0.298 957
24,319,250 0.300			09/07/2002	04/07/2007	5111 I	PROODEFTIKH SA (CR)	0.045	12.50 #	0.040 22/11/2016	0.045	0.045 0	.045 0.045	0.045	5200@0.040	1100@0.045		2015	10,000	2	450.0	0 1,094.37	0.032 (0.092 235
766,000 1.00			01/07/2004	11/12/2012	4937	TRIA ALFA SA (CR)	2.59	7	2.59 22/11/2016						14@2.08		2015				- 2,383.29	1.80	2.59 376
245,000 1.00			19/07/2010	11/12/2012	4938	TRIA ALFA SA (PR)	1.63	¬	1.63 22/11/2016						191@1.31		2015				2,383.29	1.36	1.63 376
Suspension St	atus																						
33,301,715 0.320			27/06/2003	08/07/2009	5121	AEGEK (CR)	0.038	7	0.038 30/09/2016												1,265.47	0.029 (0.072 235
5,000,000 0.400			03/06/2009	01/09/2014	5087	ALCO HELLAS SA (CR)	0.180	7	0.180 31/03/2015												900.00	0.180 (0.180 175
5,025,000 0.300			05/07/2005	14/03/2002	5023	ALSINCO S.A (CR)	0.043	¬	0.043 29/11/2013												216.08	0.043 (0.043 376
215,246,452 0.300			25/06/2001	24/09/2001	4446	ALTEC SA (CR)	0.012	¬	0.012 30/11/2015											-	2,582.96	0.012 (0.012 9 53
81,644,555 0.300			01/07/2008	02/09/2002	5098	ATTI - KAT SA (CR)	0.012	¬	0.012 29/05/2015											-	979.73	0.012 (0.012 235
33,930,000 0.300			03/07/2006	30/05/2001	4865 I	BABIS VOVOS SA (CR)	0.304	¬	0.304 30/03/2012											-	10,314.72	0.304 (0.304 863
20,121,710 1.21			27/07/1992	12/03/2003	5002 I	BALKAN R.E. (CR)	0.190	¬	0.190 29/08/2013												- 3,823.12	0.190 (0.190 863
21,920,570 0.300			03/07/2007	13/12/1999	4702	CARDASSILARIS SA (CR)	0.140	¬	0.140 30/11/2010												3,068.88	0.140 (0.140 357
30,159,583 0.470			26/06/2008	29/12/2010	5047 I	DIAS A/C (CR)	0.050	¬	0.050 26/03/2014												1,507.98	0.050 (0.050 357
7,847,611 1.20			01/08/2007	28/09/2011	4939 I	EDRASIS - C. PSALLIDAS SA (CR)	0.150	7	0.150 29/11/2012											-	1,177.14	0.150 (0.150 235
5,750,000 0.300			12/12/2008	12/12/2011	4929 I	ELECTRONIKI ATHINON SA (CR)	0.480	7	0.480 28/09/2012											-	2,760.00	0.480 0	0.480 537
36,748,909 0.730			15/12/2005	13/12/2006	5109 I	HEL. SUGAR INDUSTRY SA (CB)	0.075	7	0.075 29/02/2016												2,756.17	0.064 (0.150 357
13,692,227 1.47			07/07/2006	08/10/1999	5049 I	HELLENIC FABRICS SA (CR)	0.117	7	0.117 31/03/2014											-	1,601.99	0.117 (0.117 376
30,390,000 0.310			18/08/2008	29/12/2006	5099 I	HELLENIC FISHFARMING SA (CR)	0.070	7	0.070 02/06/2015												- 2,127.30	0.070	0.070 357
24,619,524 0.500			10/10/1986	30/12/2002	4914 I	KERAMIA-ALLATINI (CR)	0.088	7	0.088 30/08/2012												- 2,166.52	0.088 0	0.088 863
66,937,526 0.700			13/08/2010	21/05/2003	5003 I	MICHANIKI SA (CR)	0.100	7	0.100 29/08/2013												9,186.78	0.100 0	0.100 235
25,968,987 0.700			13/08/2010	21/05/2003	5004 I	MICHANIKI SA (PR)	0.096	7	0.096 29/08/2013												9,186.78	0.096	0.096 235
13,555,100 1.00				08/07/2005	4576 I	MICROLAND COMPUTERS SA (CR)	0.640	7	0.640 14/07/2009												8,675.26	0.640 (0.640 537
255,459,600 0.300			26/06/2000	03/12/2010	5101 I	NEL SA (CR)	0.070	¬	0.070 31/08/2015												17,882.17	0.070 (0.070 575
23,463,874 0.800			23/05/2003	21/12/1999	4918 I	NEORION SA (CR)	0.125	7	0.125 30/08/2012												2,932.98	0.125 (0.125 275
20,210,127 1.53			27/06/1997	20/03/2000	5061 I	PARNASSOS ENTERP. (CR)	0.070	7	0.070 30/05/2014												1,414.71	0.070 (0.070 877
40,946,303 0.360			18/07/2005	27/11/2007	5089 1	PC SYSTEMS SA (CR)	0.006	7	0.006 31/03/2016												245.68	0.006.0	0.014 953

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Section 2: Atharytic i	.gu. oo	o. oa.	es transactions															···ounooudj,	20 11010	illiber, 2010
Number of Outstanding Securities Nominal Value		dends [1] 2014 2	Date of Last Coupon 2015 Dividend [2] Right Note	Shares	Closing price	% change	Previous closing price/date	Open price		ast Avg	st Bid [7]	Last Ask [7]	P/E after	Year	Volume	Trades	Transactions Value[8]	Company Mkt Value (thou. €)	Year low	Year Sector high 4]
Suspension St	atus																			
26,408,040 0.300			01/07/1997 26/05/1999 4464	SHEET STEEL SA (CR)	0.120	¬	0.120 28/11/2008		 		 						-	3,168.9	0.12	20 0.120 175
29,060,950 0.340			20/08/2007 24/10/2001 5088	SPIDER METAL INDUSTRY SA (CR)	0.008		0.008 31/03/2015		 		 						-	232.4	0.00	08 0.008 275
144,688,060 0.600			21/04/2008 10/03/2010 4982	T BANK (CR)	0.048		0.052 #29/11/2011		 		 							6,945.0	0.04	18 0.048 835
6,523,780 0.530			01/07/2002 06/03/2001 4971	TECHNICAL PUBLICATIONS SA (CR)	0.006		0.006 31/05/2013		 		 						-	39.1	0.00	06 0.006 555
100,793,572 0.300			16/07/2009 11/02/2016 5110	TELETIPOS SA (CR)	0.060		0.060 07/03/2016		 		 	5@0.048					-	6,047.6	0.05	54 0.070 5553
13,920,000 0.320			19/11/2001 01/08/2000 4726	TEXAPRET SA (CR)	0.080		0.080 28/02/2011		 		 						-	1,113.6	0.08	30 0.080 376
510,840 1.00			15/07/2008 21/11/2013 5036	TROPEA HOLDING (CR)	2.00	7	0.020 #30/03/2012		 		 							1,021.6	3 2.0	00 2.00 3722
284,465,964 3.70			20/06/2008 15/06/2009 4913	TT HELLENIC POSTBANK (CR)	0.168		0.239 #29/08/2012		 		 						-	47,790.2	0.16	835!
71,683,906 0.400			15/06/2005 05/02/2008 4953	XATZIOANNOU (CR)	0.026		0.026 28/03/2013		 		 						-	1,863.7	0.02	26 0.026 3763

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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 refered 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
- 4446 Transfer to the "Under Supervision" Category as of 20/10/2008.
- 4464 Suspension of trading as of 1/12/2008.
- 4576 Suspension of trading as of 14/7/2009
- 4690 Transfer to Surveillance category as of 4/4/2006
- 4702 Suspension of trading as of 1/12/2010
- 4726 Suspension of trading as of 1/3/2011
- 4750 Transfer to the "Under Surveillance Category" from 8/4/2011
- 4795 The final gross (pre-tax) dividend is � 0.30 per share and subject to withholding tax on the full dividend amount, i.e. 0,45 per share, for those shareholders liable to withholding tax, in accordance with the applicable tax law provisions.
- 4814 Transfer to the Low Dispersion Category as of 30/5/2011.
- 4815 Transfer to the Low Dispersion Category as of 30/5/2011.
- 4816 Transfer to the Low Dispersion Category as of 30/5/2011.
- 4817 Transfer to the Low Dispersion Category as of 30/5/2011
- 4822 Transfer to the Low Dispersion category as of 30/5/2011
- 4823 Transfer to the Low Dispersion category as of 4/4/2006.
- 4827 Transfer to the Low Dispersion category as of 5/5/2010.
- 4844 Transfer to the Surveillance category from 8/4/2011
- 4857 The 793,906,274 new (CR) shares, resulting from the recent share capital increase through a rights issue, are not yet admitted to trading on the ATHEX.
- 4865 Suspension of trading as of 2/4/2012.
- 4879 Transfer to the Surveillance Category as of 10/4/2012.
- 4881 Transfer to the Surveillance Category as of 10/4/2012
- 4882 Transfer to the Surveillance Category as of 10/4/2012
- 4886 Transfer to the Surveillance Category as of 10/4/2012.
- 4887 Transfer to the Surveillance Category as of 10/4/2012.
- 4888 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.
- 4929 Suspension of trading as of 1/10/2012.
- 4937 Transfer to the UNDER DELETION category as of 30/11/2012.
- 4938 Transfer to the UNDER DELETION category as of 30/11/2012.
- 4939 Suspension of trading as of 30/11/2012.
- 4953 Suspension of trading as of 2/4/2013.
- 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
- 4971 Suspension of trading as of 3/6/2013.
- 4977 Transfer to the "Under Surveillance Category" from 11/6/2013.
- 4982 Suspension of trading as of 1/12/2011.

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Shares' Notes

Code Note text

4983 - Transfer to the Surveillance Category as of 5/4/2013.

4985 - Transfer to the "Under Surveillance Category" from 8/4/2011

4997 - Transfer to the Under Supervision Category as of 21/12/2009. - The 6,870,053 new (CB) shares, resulting from the recent share capital increase through a rights issue, are not yet admitted to trading on the ATHEX.

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

5007 - Transfer to the Surveillance category, as of 11/10/2013.

5023 - Suspension of trading as of 2/12/2013

5031 - The 612,300 new (CR) shares, resulting from the recent share capital increase through a rights issue, are not yet admitted to trading on the ATHEX.

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.

5046 - Transfer to the Low Dispersion category as of 8/4/2011.

5047 - Suspension of trading as of 27/3/2014.

5049 - Under suspension of trading as of 1/4/2014.

5057 - Transfer to the Surveillance Category as of 29/12/2011.

5058 - Transfer to the Surveillance Category as of 29/12/2011.

5061 - Suspension of trading as of 2/6/2014

5062 - Transfer to the UNDER DELETION category as of 4/6/2014.

5080 - Suspension of trading as of 6/9/2011

5087 - Suspension of trading as of 1/4/2015

5088 - Suspension of trading as of 1/4/2015.

5089 - Transfer to the Surveillance Category as of 8/4/2015.

5092 - Transfer to the UNDER DELETION category as of 8/4/2015.

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

5097 - Transfer to the Surveillance Category as of 10/4/2012.

5098 - Suspension of trading as of 2/6/2015.

5099 - Suspension of trading as of 3/6/2015

5100 - Transfer to the Low Dispersion Category as of 24/6/2015.

5101 - Suspension of trading as of 1/9/2015.

5104 - Transfer to the "Low Dispersion" Category as of 31/10/2014. Change of the company name from "MIG REAL ESTATE R.E.I.C." to "NBG PANGAEA R.E.I.C." as of 30/12/2015.

5109 - Suspension of trading as of 01/03/2016.

5110 - Suspension of trading as of 08/03/2016.

5111 - Transfer to the Under Deletion Category as of 15/04/2016

5112 - Transfer to the Surveillance Category as of 15/04/2016.

5113 - Transfer to the Surveillance Category as of 15/04/2016.

5114 - Transfer to the Surveillance Category as of 15/04/2016.

5115 - Transfer to the Surveillance Category as of 15/04/2016.

5116 - Transfer to the Low Dispersion Category as of 20/4/2016.

5118 - Transfer to the Surveillance Category as of 25/11/2011. Issue of a Convertible Bond Loan in progress through a rights issue. Rights' trading period on ATHEX: 22/09/2016 - 03/10/2016, pre-emption rights' subscription period: 22/09/2016 - 06/10/2016.

5121 - Suspension of trading as of 3/10/2016

5123 - Transfer to the Surveillance Category as of 10/4/2014

Securities Blocks Details

Securities	Block Volume	Price	Block Trade Value	Time of approval	Note
MOTOR OIL (CR)	50,000	12.00	600,000.00	10:35:51	20
BANK OF CYPRUS (CR)	21,000,000	0.130	2,730,000.00	13:06:30	20
MOTOR OIL (CR)	300,000	12.00	3,600,000.00	14:07:28	20
TITAN CEMENT (CR)	15,000	21.75	326,250.00	16:01:26	20
ALPHA BANK (CR)	661,509	1.87	1,233,714.29	16:32:13	20
TITAN CEMENT (CR)	12,500	21.75	271,875.00	16:44:40	20
TITAN CEMENT (CR)	12,500	21.75	271,875.00	16:45:12	20
TITAN CEMENT (CR)	25,000	21.75	543,750.00	16:59:16	20
JUMBO SA (CR)	42,043	12.80	538,133.58	17:01:33	20
OTE (CR)	51,729	8.56	442,800.24	17:10:55	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

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: 137 Trading [Day No: 223
Section 3: Figures of Securities Transactions			Wednesday, 23 Nove	ember, 2016
Shares Forced Sales				_
Securities	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: 137 Trading Day No: 223 Wednesday, 23 November, 2016 Section 3: Figures of Securities Transactions Forced Sales Registered Shares Transactions Transactions Start Date End Date Initial Number of

Volume

Remaining

Volume

Avg price

(day)

Date

Avg price

(period)

Trades

Volume

Value

No Fixed Registered Shares Forced Sales.

Securities

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: 137 Trading Day No: 223
Section 3: Figures of Securities Transactions	Wednesday, 23 November, 2016

Exchange Traded Funds (ETFs) 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	23/11/2016	5,000	619,082			619,082	10,614,600.00	17.1457	0.37	30/06/2016
NBGAM ETF Γ Δ X.A .	23/11/2016	25,000	294,878			294,878	2,191,429.00	7.4316		27/10/2011
NBGAM ETF GREECE & TURKEY 30	23/11/2016	25,000	388,550			388,550	2,017,109.00	5.1914		27/10/2011

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: 137 Trading Day No: 223 Wednesday, 23 November, 2016

Corporate Bonds

Num Listed Bonds	Nominal price	Issue price	Today's Rate	Exp. Date	Duration (years)	Note	Common	oupon Preffered	Tradir g	Corporate Bonds	Price min	Price max	Closing price		s closing e/date	Volume	Transactions Value	Last ord Price	der Buy / Sell	Date	ear min	Year max
233,748,933	0.30	0.30	1.00	11/10/2025	9		1		1	FORTHNET S.A. (Convertible)								95.0000	S	09/11/2016	100.0000	100.0000
40,000,000	1.00	1.00	5.00	04/10/2021	5		1		1	HOUSEMARKET S.A. (Non Convertible)	100.5000	100.5000	100.5000	100.4500	22/11/2016	5,000	5,061.11	100.4501	В	23/11/2016	99.9000	101.3000
1,774,359	13.76	9.77	0.00	21/10/2025	18		26		1	NIREUS S.A. (Convertible)				100.0000	12/07/2016			4.0000	S	23/11/2016	10.0000	150.0000
212,237,880	1.00	1.00	6.30	29/07/2020	7		14		1	MARFIN INVESTMENT GROUP S.A. SERIES B (Convert.)				0.8500	23/08/2013			5.0000	В	04/10/2016	0.8500	0.8500
163,009,139	1.00	1.00	7.00	29/07/2019	6		14		1	MARFIN INVESTMENT GROUP S.A. SERIES A (Convert.)				1.0000	23/08/2013			5.0000	В	04/10/2016	1.0000	1.0000

Corporate Bonds Notes

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

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

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

Hellenic Exchanges – Athens Stock Exchange S.A.

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Daily Official List

Section 5: Bonds traded in Fixed Income Assets Market

Year: 137 Trading Day No: 223 Wednesday, 23 November, 2016

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 order Buy / Sell	Date
1,792,455,803	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					
1,771,485,249	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					
1,744,316,583	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					
1,498,761,836	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					
1,469,952,920	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					
1,525,434,082	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					
1,503,860,546	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					
1,435,418,132	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					
1,368,045,727	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					
1,373,758,194	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					
1,452,639,893	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					
1,410,344,954	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					
1,444,202,190	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					
1,505,138,031	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					
1,396,254,095	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					
1,382,167,704	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					
1,337,331,257	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					
1,371,908,706	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					
1,360,659,778	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		•••			
1,432,747,403		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	0.44 FLR	Actual/360	10/08/2019	5		10/02 - 10/08		1	GGB-FLT-100819-05Y-0.934-1,000									
4,030,827	1,000.00	4.75	Actual/Actual	17/04/2019	5		17/04	4.75	1	GGB-FXD-170419-05Y-4.750-1,000									
2,089,066	1,000.00	3.38	Actual/Actual	17/07/2017	3		17/07	3.38	1	GGB-FXD-170717-03Y-3.375-1,000									

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.

Strategic Communication & Market Analysis Division - Market Analysis Department

Daily Official List

Year: 137 Trading Day No: 223

Section 5: Government Bonds Traded with the Open Outcry Method

Wednesday, 23 November, 2016

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		utcry in C Buy / Se	ash (euro) ell Date	Trades in Pieces	Life min	Life Max
Corporate	Bonds in Foreig	ın Currenc	y and Euro)														
103,746	GBP / 10	01/12	0.25		57	1	01/12/1930	98	2.5	360	National Mortgage Bank	2.27 05/02/199	6 2.27	S	05/02/1996		2.27	2.27
0	GBP / 10	01/12	0.25		59	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.

 $\label{thm:continuity:equation:continuity:equation:continuity:equation:continuity:equation: The minimum tradeable Nominal Value for all Demeterialised Government Titles is 100 Euros.$

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Section 5, 1/1

Daily Official List
Section 6: Additional Infos
Year: 137 Trading Day No: 223
Wednesday, 23 November, 2016

Athex & ATHEXClear Members List

Member Name				Stock Market		Derivat	ives Market	ATHE	XClear Member
Address	Phone	Fax	Market Member	Remote Member	Market Maker	Proprietary	Market Maker	General Clearing	Direct Clearing
A. SARRIS SECURITIES S.A.			a						J
, DRAGATSANIOU ATHINA	+30 2103367700	210-3312324							
LPHA FINANCE INVESTMENT SERVICES S.A.			а		а	а	а		а
MERLIN ATHINA	+30 2103677400	210-33311193							
LPHA BANK A.E.								а	
), STADIOU STR ATHINA	(210)-3260000	(210)-3264116							
	(210)-3265546	(210)-3265811							
03, AVE. ATHINON ATHINA	+30 2103436820	210-3436270							
RGUS STOCKBROKERS LTD	057.00747000	0005700747070	а	а		а			
5 , DIMOSTHENI SEVERI AVE NICOSIA	+357 22717000	0035722717070							
TLANTIC SECURITIES LIMITED	. 257 22445400	00357 33//1014	а	а					
PRODROMOU NICOSIA	+357 22445400	00357 22661914	_						
TLAS SECURITIES S.A 25 MICHALAKOPOULOU & 14-16 VERVENON ATHINA	+30 2103363300	210-3238925	а			а			
	+30 2103303300	210-3230923						а	
TTICA BANK S.A. I, AKADIMIAS STR. ATHINA	(210)-3390757	(210)-3646090						а	
s, ANADIMIAS STR. ATRINA S, OMIROU ATHINA	+30 2103669261	210-3669265							
	(210)-3669000								
, OMIROU STR. ATHINA	(210)-3009000	(210)-3669410	а	а					
KIA VENTURES GROUP LTD RANIDIOTI 10, OFFICE 102 NICOSIA	+357 22742000	357 22742001	a	a					
KON SECURITIES S.A.	1001 22142000	307 22772001	а			а			
R, STADIOU ATHINA	+30 2103363800	210-3243903				•			
ANK OF AMERICA MERRILL LYNCH		02.10700	а	а					
KING EDWARD STREET LONDON	+44 20276281000								
ETA SECURITIES S.A.			а		а	а			а
, ALEXANDRAS AVEN. & VRAILA ATHINA	+30 2106478900	210-6410139							
NP PARIBAS SECURITIES SERVICES S.A.								а	
LAMPSAKOU STREET ATHINA	+30 2107468500	210-7468579-581							
APITAL SECURITIES S.A.			а			а			
, MITROPOLEOS ATHINA	+30 2103369700	+30 210 3369820							
FS SECURITIES-INVESTMENT SERVICES S.A.			а						
PAPARRIGOPOULOU ATHINA	+30 2103360800	+30 210-3360980							
TIGROUP GLOBAL MARKET LTD			а	а					
CITIGROUP CENTER, CANADA SQ., CANARY WHARF LONDON	+44 02079864000								
REDIT SUISSE SECURITIES (EUROPE) LIMITED			а	а					
ONE CABOT SQUARE LONDON	+44 2078888888								
YCLOS SECURITIES S.A.			а			а			а
P, PANEPISTIMIOU ATHINA	+30 2103364300	+30 210-3239122							
A. TSEKOURAS SEC. S.A.	00.04000.45400	040 0044007	а						
, STADIOU ATHINA	+30 2103245100	210-3211997							_
ELTASTOCK AD	CVO371 D2011F0F1	.25020115040							а
5, MEGAPARK OFFICE BUILDING, OFFICE AREA E, G TSARIGRAD	/SKU-33/H/28115051	+35928115049	а	а					
GREAT WINCHESTER STREET LONDON	+44 20 754 54209	00441133361437	а	а		а			
(NAMIC SECURITIES S.A.	177 20 737 34209	30441133301437	а			а			а
OMIROU ATHINA	+30 2103677700	210-3677777							
PETROPOULAKIS SECURITIES S.A.	.55 2 10507 7 700	2.5 5077777	а			а			
ARISTEIDOU ATHINA	+30 2103213928	+30 210-3216810	_						
STINVEST S.A.									а
TH REPUBLICII STREET FOCSANI	+40 237238900	+40 237237471							
JROBANK ERGASIAS S.A.								а	
OTHONOS ATHINA	+30 2103337000	210-3245916							
OTHONOS STR. ATHINA	(210)-3337969	(210)-3245916							
	(210)-3337000	(210)-3233866							
JROBANK SECURITIES INVESTMENT FIRM S.A			а		а	а	а		а
FILELLINON 10 & XENOFONTOS 13 ATHINA	+30 2103720000	210-3720001							
UROCORP SECURITIES S.A.			а			а			а
, SQ.FILIKIS ETAIRIAS ATHINA	+30 2107263500	210-7263666							
JROTRUST BROKERAGE S.A.			а						
13, SEVASTOUPOLEOS ATHINA	+30 2103363100	+30 210-3238334							
JROXX SECURITIES S.A.			а		а	а	а		а
PALAIOLOGOU CHALANDRI	(210)-6879400	(210)-6879401							
PALEOLOGOU CHALANDRI	+30 2106879400	210-6879401							

Athex & ATHEXClear Members List

Member Name				Stock Market		Derivati	ives Market	ATHE:	XClear Men
Address	Phone	Fax	Market Member	Remote Member	Market Maker	Proprietary	Market Maker	General	Direct
G. A. PERVANAS SECURITIES-INVESTMENT SERVICES CO S.A.			wember	Wember	Maker	. ,	макег	Clearing	Clearing
-9, SOFOKLEOUS ATHINA	+30 2103727200	210-3210-291	а						
GLOBAL CAPITAL SECURITIES AND FINANCIAL SERVICES LTD	130 2103727200	210 3210 271	а	а					
AVE. ARCHIEPISKOPOU MAKARIOU NICOSIA	+357 22710710	357 22339332							
GUARDIAN TRUST SECURITIES S.A			а			а			
1, ERMOU ATHINA	+30 2103378700	210-3220498							
HELLENIC BANK (INVESTMENTS) LTD			а	а					
AVE.KYRIAKOU MATSI 31 - PO BOX 24747 NICOSIA	+357 22500100	357 22500110							
IELLENICAMERICAN SEC. S.A.			а		а	а			а
7, andrea Papandreou Athina	+30 2103311100	+30 210-3215968							
SBC BANK PLC								а	
09-111, AVE. MESOGION ATHINA	+30 2106960000	210-6928000							
NDEX SECURITIES S.A.			а						
, DRAGATSANIOU ATHINA	+30 2103213920	+30 210-3213216							
NTERFINBROK CORPORATION S.A.									а
, STR.CALARASI NR. CONSTANTA	+40 241639071	0241-547829							
NVESTMENT BANK OF GREECE S.A.	. 20 240047244	20 240 (00)005	а		а	а		а	
2 , EGIALIAS & PARADISOU MAROUSI	+30 2108173111	+30 210-6896325	_						
. CHR. MAVRIKIS SECURITIES S.A.	20 210221/720	210 22177/7	а						
, SOFOKLEOUS ATHINA	+30 2103216730	210-3217767	_						
APPA SECURITIES S.A. 5. VALAORITOU ATHINA	+30 2103678600	+30 210-3641002	а			a			
S, VALAGRITOU ATHINA (ARAMANOF SECURITIES-INV. SERVICES S.A.	TJU Z 1UJU/00UU	F30 Z 10°304 100Z	а			а			
, SQ. AGION THEODORON ATHINA	+30 2103212947	+30 210-3217088	e4			a			
AIKI FINANCIAL SERVICES LTD	130 2103212747	130 210 3217000		a					
6, AVE. VYRONOS NICOSIA	357 22367367	357 22718567							
EON DEPOLAS SECURITIES S.A.			а		а	а			
CHRISTOU LADA ATHINA	+30 2103213276	+30 210-3211618							
AGNA TRUST SECURITIES S.A			а						
2-14, KARAGIORGI SERBIAS ATHINA	+30 2103800820	210-3220910							
MEGA EQUITY SECURITIES-FINANCIAL SERVICES LTD			а	а		а			
2-44, AVE. GRIVA DIGENI NICOSIA	+357 22711711	357 22711811							
IERIT SECURITIES S.A			а		а	а			а
, GEORGIOU SOURI ATHINA	+30 2103671890	210-3671830							
IIDAS BROKERAGE S.A.			а		а				
SOFOKLEOUS ATHINA	+30 2141008800	+30 210-3253205							
. CHRYSSOCHOIDIS STOCK BROKERAGE I.S.S.A.			а			а			а
9, SOFOKLEOUS ATHINA	+30 2103213913	+30 210-3216115							
ATIONAL BANK OF GREECE S.A.			а			а		а	
6, AIOLOU STR. ATHINA	(210)-3341000	(210)-3228187							
B, AKADIMIAS STR. ATHINA	(210)-3328817	(210)-3328678							
ATIONAL SECURITIES S.A	. 20 240772222	. 20 240 770000	а		а	а	а		
6, KIFISIAS AVE , BUILDING A ATHINA	+30 2107720000	+30 210-7720002	-						
UNTIUS SECURITIES S.A , DRAGATSANIOU ATHINA	+30 2103350599	+30210-3254846	а						
NE PLUS CAPITAL LIMITED	TJU Z 103330379	TJUZ IU"JZJ4040	а	a					
INE PLUS CAPITAL LIMITED 75 PRODROMOU AVENUE, ONEWORLD PARKVIEW HOUSE, 3RD F	LOOR\$\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\								
ANTELAKIS SECURITIES S.A.			а			а			
7, ETHNIKIS ANTISTASIS B CHALANDRI	+30 2106965000	210-6929550							
EGASUS BROKERAGE FIRM S.A			а			а			
7 , VALAORITOU & AMERIKIS ATHINA	+30 2103670700	+30 210-3670760							
IRAEUS BANK S.A.			а			а		а	
AMERIKIS STR. ATHINA	(210)-3335000	(210)-3335079							
AMERIKIS STR ATHINA	(210)-3335918	(210)-3254207							
AMERIKIS ATHINA	+30 2103335000	210-3335079							
RAEUS SECURITIES S.A.			а		а	а	а		а
KORAI ATHINA	+30 2103354100	210-3354170							
RELIUM SECURITIES-INVESTMENT SERVICES S.A.			а			а			
DAVAKI & KIFISIAS AVE. ATHINA	+30 2103677000	+30 210-6926403							
ROCHOICE SECURITIES LTD			а	а					
7, SPYROY KYPRIANOY NICOSIA	+357-24-661192	+357-24-662464							

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Athex & ATHEXClear Members List

Member Name				Stock Market	ı	Derivat	ives Market	ATHE	XClear Member
Address	Phone	Fax	Market Member	Remote Member	Market Maker	Proprietary	Market Maker	General Clearing	Direct Clearing
SOCIETE GENERALE S.A.			а	а		а			
, 17 COURS VALMY 92987 PUTEAUX - LA DEFENSE PARIS	+33 157290504	+33142138697							
SOLIDUS SECURITIES S.A			а			а			а
64, LOUIZIS RIANCOUR ATHINA	+30 2106900600	210-6985421							
SSIF VIENNA INVESTMENT TRUST S.A.									а
, 4 SPLAIUL UNIRII, BUILDING B3 BUCHAREST	+40 212074880	004 021 207 48 98							
ST. EM. LAVRENTAKIS SECURITIES S.A.			а			а			
7-9, SOFOKLEOUS ATHINA	+30 2103213336	+30 210-3246572							
THE CYPRUS INVESTMENT & SECURITIES CORPORATION LTD			а	а					
154, LIMASSOL AVENUE, STROVOLOS NICOSIA	+357 22121700	357 22338800							
UBS LIMITED			а	а					
1 , FINSBURY AVENUE LONDON	+44 2075687135								

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List of Stocks under Market Making operations

Securities Market Maker	Stock Category
Market Maker	Start Market Making
FRIGOGLASS SA (CR)	Surveillance
EUROBANK SECURITIES INVESTMENT FIRM S.A	27/10/2014
ALPHA BANK (CR)	Main Market
ALPHA FINANCE INVESTMENT SERVICES S.A.	29/02/2016
EUROBANK SECURITIES INVESTMENT FIRM S.A	24/10/2012
LEON DEPOLAS SECURITIES S.A.	04/01/2016
MERIT SECURITIES S.A	03/09/2013 11/01/2006
MIDAS BROKERAGE S.A.	
NATIONAL SECURITIES S.A PIRAEUS SECURITIES S.A.	15/01/2013 28/05/2013
ALUMIL (CR)	Zolusi zu 13 Main Market
BETA SECURITIES S.A.	18/07/2013
ATTICA BANK S.A. (CR)	Main Market
BETA SECURITIES S.A.	02/06/2014
EUROBANK SECURITIES INVESTMENT FIRM S.A	25/07/2014
EUROXX SECURITIES S.A.	22/01/2016
BANK OF CYPRUS (CR)	Main Market
EUROBANK SECURITIES INVESTMENT FIRM S.A	23/03/2015
NATIONAL SECURITIES S.A	22/06/2015
BYTE COMPUTER SA (CR)	Main Market
MERIT SECURITIES S.A	04/08/2013
CC HBC AG (CR)	Main Market
EUROBANK SECURITIES INVESTMENT FIRM S.A	23/10/2013
NATIONAL SECURITIES S.A	29/04/2013
PIRAEUS SECURITIES S.A.	04/05/2015
ELLAKTOR (CR)	Main Market
EUROBANK SECURITIES INVESTMENT FIRM S.A	01/06/2013
NATIONAL SECURITIES S.A	25/06/2013
ELTON SA (CR)	Main Market
BETA SECURITIES S.A.	03/09/2013
EUROBANK ERGASIAS (CR)	Main Market
ALPHA FINANCE INVESTMENT SERVICES S.A.	08/01/2013
EUROBANK SECURITIES INVESTMENT FIRM S.A	01/06/2013
HELLENICAMERICAN SEC. S.A.	25/07/2014
MIDAS BROKERAGE S.A.	07/01/2016
PIRAEUS SECURITIES S.A.	28/09/2013
EUROCONSULTANTS S.A. (CR)	Main Market
EUROBANK SECURITIES INVESTMENT FIRM S.A	22/07/2014
FOLLI FOLLIE (CR)	Main Market
NATIONAL SECURITIES S.A	17/02/2014
PIRAEUS SECURITIES S.A.	04/05/2015
FOURLIS (CR)	Main Market
HELLENICAMERICAN SEC. S.A.	14/09/2005
GEK TERNA (CR)	Main Market
HELLENICAMERICAN SEC. S.A.	07/09/2015
GR. SARANTIS SA (CR)	Main Market
BETA SECURITIES S.A.	14/05/2013
HELLENIC EXCHANGES-A.S.E. (CR)	Main Market
EUROBANK SECURITIES INVESTMENT FIRM S.A	01/06/2013
HELLENICAMERICAN SEC. S.A.	01/09/2014
NATIONAL SECURITIES S.A	25/06/2013
PIRAEUS SECURITIES S.A.	04/05/2015
HELLENIC PETROLEUM (CR)	Main Market
HELLENICAMERICAN SEC. S.A.	14/09/2015
HYGEIA SA (CR)	Main Market
HELLENICAMERICAN SEC. S.A.	18/04/2016
INTRACOM HOLDINGS (CR)	Main Market
HELLENICAMERICAN SEC. S.A.	07/09/2015
INTRALOT (CR)	Main Market
EUROBANK SECURITIES INVESTMENT FIRM S.A	01/06/2013
PIRAEUS SECURITIES S.A.	28/09/2013
J & P - AVAX SA (CR)	Main Market
EUROBANK SECURITIES INVESTMENT FIRM S.A	14/12/2015
JUMBO SA (CR)	Main Market
MIDAS BROKERAGE S.A.	27/07/2016
KLOUKINAS - LAPPAS SA (CR)	Main Market
DETA OF OUR DITIES OF A	22/09/2014
BETA SECURITIES S.A.	
LAMDA DEVELOPMENT SA (CR)	Main Market
	Main Market 08/12/2014

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List of Stocks under Market Making operations

Securities	Stock Category
Market Maker	Start Market Making
MARFIN INVESTMENT GROUP (CR)	Main Market
EUROBANK SECURITIES INVESTMENT FIRM S.A	23/03/2015
HELLENICAMERICAN SEC. S.A.	25/07/2014
PIRAEUS SECURITIES S.A.	02/02/2013
ALS MULTIMEDIA SA (CR)	Main Market
HELLENICAMERICAN SEC. S.A.	07/12/2015
NOTOR OIL (CR)	Main Market
EUROBANK SECURITIES INVESTMENT FIRM S.A	23/10/2012
HELLENICAMERICAN SEC. S.A.	01/09/2014
NATIONAL SECURITIES S.A	17/02/2014
PIRAEUS SECURITIES S.A.	04/05/2015
MYTILINEOS HOLDINGS (CR)	Main Market
NATIONAL SECURITIES S.A	25/06/2013
PIRAEUS SECURITIES S.A.	04/05/2015
IATIONAL BANK (CR)	Main Market
ALPHA FINANCE INVESTMENT SERVICES S.A.	08/01/2013
EUROBANK SECURITIES INVESTMENT FIRM S.A	24/10/2012
HELLENICAMERICAN SEC. S.A.	25/07/2014
LEON DEPOLAS SECURITIES S.A.	20/04/2015
MERIT SECURITIES S.A	03/09/2013
MIDAS BROKERAGE S.A.	07/01/2016
NATIONAL SECURITIES S.A	28/02/2013
	28/02/2013 08/09/2013
PIRAEUS SECURITIES S.A.	
PAP (CR)	Main Market
ALPHA FINANCE INVESTMENT SERVICES S.A.	08/01/2013
EUROBANK SECURITIES INVESTMENT FIRM S.A	24/10/2012
HELLENICAMERICAN SEC. S.A.	25/07/2014
MIDAS BROKERAGE S.A.	04/04/2016
NATIONAL SECURITIES S.A	15/01/2013
PIRAEUS SECURITIES S.A.	04/05/2015
TE (CR)	Main Market
ALPHA FINANCE INVESTMENT SERVICES S.A.	08/01/2013
EUROBANK SECURITIES INVESTMENT FIRM S.A	24/10/2012
HELLENICAMERICAN SEC. S.A.	25/07/2014
MIDAS BROKERAGE S.A.	01/10/2015
NATIONAL SECURITIES S.A	01/12/2012
PIRAEUS SECURITIES S.A.	08/09/2013
APOUTSANIS (CR)	Main Market
BETA SECURITIES S.A.	25/11/2013
ETROPOULOS PETROS (CR)	Main Market
BETA SECURITIES S.A.	28/05/2013
IRAEUS BANK (CR)	Main Market
EUROBANK SECURITIES INVESTMENT FIRM S.A	23/10/2012
EUROXX SECURITIES S.A.	15/02/2016
HELLENICAMERICAN SEC. S.A.	25/07/2014
MERIT SECURITIES S.A	16/09/2013
MIDAS BROKERAGE S.A.	11/01/2016
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 SECURITIES INVESTMENT FIRM S.A	02/03/2015
PC (CR)	Main Market
ALPHA FINANCE INVESTMENT SERVICES S.A.	08/01/2013
EUROBANK SECURITIES INVESTMENT FIRM S.A	23/10/2012
MIDAS BROKERAGE S.A.	04/04/2016
NATIONAL SECURITIES S.A	26/03/2013
PIRAEUS SECURITIES S.A.	28/09/2013
UALITY & RELIABILITY SA (CR)	Main Market
BETA SECURITIES S.A.	20/08/2014
KANAKIS SA (CR)	Main Market
BETA SECURITIES S.A.	01/10/2013
TAN CEMENT (CR)	Main Market
EUROBANK SECURITIES INVESTMENT FIRM S.A	23/10/2012
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
MERIT SECURITIES S.A	17/03/2014

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Underlying Asset Derivatives Market														
Price max Price min Closing price change	Delivery Month	Open price	Price min Last price Closing price			Last Bid	Last Bid Last Ask		Life high	Life low	Trades	Volume	Open Interest	
FTSE/Athex Large Cap														(Trade Unit: 1 Index Point x 2€, Cash Settlement)
1,721.05 1,697.96 1,715.33 -0.06%	December 2016	1,710.00	1,718.75	1,698.00	1,714.50	1,714.50			1,708.00	1,719.50		371	1,776	9,048
	January 2017	1,712.00	1,719.50	1,700.00	1,714.50	1,714.50			1,708.50	1,719.50		30	137	306
	February 2017					1,724.75								
	March 2017					1,727.25								
	June 2017					1,736.00								
	Sentember 2017					1 744 75								

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Underlying Asset									atives Market					
Price max Price min Closing price change	Delivery Month	Open price F	rice max	Price min La	st price Clos	sing price	Last Bid	Last Ask	Settlement price	Life high	Life low	Trades	Volume	Open Interest
ALPHA BANK (CR)	· -													(Contract Size: 100 Securities, Physical Delive
1.91 1.84 1.88 -0.53%	December 2016	1.88	1.90	1.85	1.88	1.88			1.87	1.91		214	5,195	17,875
	March 2017					1.90								
	June 2017					1.91								
	September 2017					1.92								
CC HBC AG (CR)														(Contract Size: 100 Securities, Physical Deliver
19.99 19.76 19.98 -1.24%	December 2016	19.88	19.88	19.80	19.80	19.80			20.01	21.05		2	2	144
	March 2017					20.36			19.61	19.85				10
	June 2017					20.46								
	September 2017					20.56						-		
CORINTH PIPEWORKS (CR)														(Contract Size: 100 Securities, Physical Deliver
0.624 0.611 0.622 0.32%	December 2016	0.615	0.620	0.615	0.615	0.615			0.607	0.929		6	32	811
	March 2017					0.624			0.640	0.850				
	June 2017					0.627								
	September 2017					0.630								
ELLAKTOR (CR)														(Contract Size: 100 Securities, Physical Deliver
1.21 1.18 1.20 0.84%	December 2016	1.20	1.22	1.18	1.20	1.20			1.20	1.36		101	572	3,704
	March 2017					1.20								
	June 2017					1.20								
	September 2017					1.21						-		
EUROBANK ERGASIAS (CR)														(Contract Size: 100 Securities, Physical Deliver
0.727 0.705 0.713 -0.97%	December 2016	0.718	0.726	0.706	0.706	0.706			0.713	0.737		327	7,968	31,449
	March 2017					0.725								
	June 2017					0.728								
	September 2017					0.732								
EYDAP S.A. (CR)														(Contract Size: 100 Securities, Physical Deliver
5.48 5.35 5.38 -1.82%	December 2016	5.08	5.09	5.04	5.04	5.04			5.04	5.61		14	44	305
	March 2017					5.52			***					
	June 2017					5.54								
	September 2017					5.57								
FOLLI FOLLIE (CR)														(Contract Size: 100 Securities, Physical Deliver
21.03 20.23 20.80 2.16%	December 2016	20.43	21.10	20.43	20.70	20.70			21.00	22.31		32	134	488
	March 2017	20.87	20.87	20.83	20.83	20.83			21.01	22.10		3	5	
	June 2017					20.59								
	September 2017					20.70						-		
GEK TERNA (CR)														(Contract Size: 100 Securities, Physical Deliver
2.32 2.21 2.29 2.23%	December 2016	2.22	2.32	2.22	2.30	2.30			2.31	2.32		32	232	8,185
	March 2017					2.25								
	June 2017					2.27								
	September 2017					2.28								

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				vatives Market	Deriv									Underlying Asset			
Open Interest	Volume	Trades	Life high Life low	Settlement price	Last Ask	Last Bid	ng price	t price Closi	rice min Las	rice max P	Open price Pr	Delivery Month	Price max Price min Closing price change				
(Contract Size: 100 Securities, Physical De													R)	TIES (C	PROPER	RIVALI	
49	9	5	 7.59	7.61			7.59	7.59	7.51	7.59	7.51	December 2016	0.53%	7.59	7.43	7.67	
			 				7.60					March 2017					
			 				7.64					June 2017					
<u></u>			 				7.67					September 2017					
(Contract Size: 100 Securities, Physical De													S.E. (CR)	IGES-A.	EXCHA	ELLEN	
366	37	14	 5.03	4.96			4.96	4.96	4.91	4.97	4.97	December 2016	-0.20%	4.99	4.90	5.00	
			 				5.03					March 2017					
			 				5.06					June 2017					
			 				5.08					September 2017					
(Contract Size: 100 Securities, Physical De													R)	EUM (C	PETRO	ELLEN	
3,880	111	39	 4.68	4.53			4.53	4.53	4.53	4.64	4.63	December 2016	-3.20%	4.53	4.50	4.65	
			 4.30	4.53			4.71					March 2017					
			 				4.73					June 2017					
<u></u>			 				4.76					September 2017					
(Contract Size: 100 Securities, Physical De															Γ (CR)	TRALC	
1,131	84	17	 1.39	1.11			1.09	1.09	1.09	1.11	1.09	December 2016	1.89%	1.08	1.06	1.10 1.06	
			 				1.07					March 2017					
			 				1.07					June 2017					
			 				1.08					September 2017	<u></u>				
(Contract Size: 100 Securities, Physical De															A (CR)	JMBO S	
273	61	27	 13.04	12.91			12.96	12.96	12.72	13.04	12.72	December 2016	3.23%	13.10	12.58	13.10	
			 				12.77					March 2017					
			 				12.84					June 2017					
			 				12.90					September 2017					
(Contract Size: 100 Securities, Physical De													OUP (CR)	NT GRO	NVESTME	ARFIN	
50,580	9,303	289	 0.145	0.139			0.138	0.138	0.122	0.145	0.125	December 2016	13.93%	0.139	0.122	0.144	
			 				0.123					March 2017					
			 				0.123					June 2017					
			 				0.124					September 2017					
(Contract Size: 100 Securities, Physical De															R)	ETKA (
456	121	35	 7.80	7.17			7.13	7.13	7.13	7.23	7.18	December 2016	0.70%	7.22	7.12	7.25	
170			 7.65	7.18			7.22					March 2017					
			 				7.25					June 2017					
			 				7.29					September 2017					
(Contract Size: 100 Securities, Physical De															IL (CR)	OTOR	
351	12	5	 11.90	12.09			11.90	11.90	11.76	11.90	11.81	December 2016	-0.99%	12.05	11.79	12.17	
			 				12.25					March 2017					
			 				12.31					June 2017					
			 				12.37					September 2017					

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Open Interest						vatives Market	Deriv								Underlying Asset				
	Volume	rades	Tra	Life low	Life high	Settlement price	Last Ask	Last Bid	ing price	st price Clos	Price min La	rice max F	Open price P	Delivery Month	Price max Price min Closing price change				
(Contract Size: 100 Securities, Physical Deli															CR)	OINGS (C	OS HOL	MYTILIN	
8,300	396	112			6.05	5.91			5.94	5.94	5.91	6.05	5.98	December 2016	-1.33%	5.92	5.90	6.02	
107	45	2			5.97	5.91			5.97	5.97	5.95	5.97	5.95	March 2017					
									6.07					June 2017					
									6.10					September 2017					
(Contract Size: 100 Securities, Physical Deli																CR)	L BANK	NATION	
117,454	39,191	527			0.268	0.228			0.228	0.228	0.222	0.236	0.227	December 2016	0.44%	0.228	0.220	0.236	
113	113	10			0.230	0.228			0.225	0.225	0.223	0.230	0.226	March 2017					
									0.230					June 2017					
<u></u>									0.231					September 2017					
(Contract Size: 100 Securities, Physical Deli																	₹)	OPAP (C	
1,949	655	141			8.96	8.98			8.92	8.92	8.77	8.92	8.88	December 2016	0.34%	8.90	8.75	8.90	
					8.37	8.99			8.93					March 2017					
									8.97					June 2017					
									9.02					September 2017					
(Contract Size: 100 Securities, Physical Deli																		OTE (CR	
8,338	674	161			8.85	8.50			8.57	8.57	8.44	8.60	8.50	December 2016	1.42%	8.56	8.43	8.60	
									8.49					March 2017					
									8.54					June 2017					
									8.58					September 2017					
(Contract Size: 100 Securities, Physical Deli																	A. (CR)	P.P.A. S	
666	31	10			13.14	13.08			13.00	13.00	12.90	13.13	13.13	December 2016	0.31%	13.08	12.90	13.25	
									13.12					March 2017					
									13.19					June 2017					
									13.26					September 2017					
(Contract Size: 100 Securities, Physical Deli																R)	BANK (C	PIRAEU:	
92,966	28,344	432			0.250	0.209			0.209	0.209	0.205	0.213	0.210	December 2016	-0.95%	0.208	0.204	0.213	
5	5	5			0.212	0.211			0.211	0.211	0.211	0.212	0.211	March 2017					
									0.212					June 2017					
									0.213					September 2017					
(Contract Size: 100 Securities, Physical Deli																		PPC (CR	
7,896	1,069	174			3.30	3.19			3.23	3.23	3.20	3.30	3.26	December 2016	-2.42%	3.22	3.19	3.30	
12	8	4			3.26	3.18			3.26	3.26	3.24	3.26	3.26	March 2017					
									3.34					June 2017					
									3.35					September 2017					
(Contract Size: 100 Securities, Physical Deli																CR)	NERGY (ERNA I	
1,241	1	1			2.89	2.90			2.89	2.89	2.89	2.89	2.89	December 2016	0.00%	2.88	2.83	2.90	
									2.90					March 2017					
									2.91					June 2017					
									2.93					September 2017					

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Underl	lying Asse	et								Deriv	ratives Market						
Price max Price min Closing price change		Delivery Month	Open price P	rice max I	Price min La	ast price Clos	sing price	Last Bid	Last Ask	Settlement price	Life high	Life low	Trades	Volume	Open Interest		
TITAN CEMENT	Γ (CR)															(Contract Size: 100 Securities, Physical Delivery)	
21.90 21.49	21.76	.76 0.46%	December 2016	21.78	21.80	21.50	21.80	21.80			21.78	21.80		10	17	130	
			March 2017					21.80			21.47	20.85					
			June 2017					21.91									
			September 2017					22.02									
VIOHALCO SA/I	NV (CB)															(Contract Size: 100 Securities, Physical Delivery)	
1.40 1.36	1.37	-0.72%	December 2016	1.38	1.41	1.38	1.39	1.39			1.36	1.47		12	41	2,725	
			March 2017					1.39									
			June 2017					1.40									
			September 2017					1.40									

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

FTSE/Athex Large Cap		
	Call Options	Put Options

-				Decemb	er 2016						Januar	y 2017			Other Months				Decemb	oer 2016						Januar	y 2017			Other Months	
Excerise Price	Open price	Price max	Price min	Last price	Closing price	Volume	Open Interest	Open price	Price max	Price min	Last price	Closing price	Volume Ope	en Interest	Volume Open Interest	Open price	Price max	Price min	Last price	Closing price	Volume C	Open Interest	Open price	Price max	Price min	Last price	Closing price	Volume	Open Interest	Volume Open Interest	Excerise Price
900	0.00	0.00	0.00	-	815.00	-	-	-	-	-	-	-	-	-		0.00	0.00	0.00	-	0.03	-	-	-	-	-	-	-	-	-		900
950	0.00	0.00	0.00		765.00	-	-					-				0.00	0.00	0.00	-	0.01		-	-		-		-				950
1,000	0.00	0.00	0.00	-	715.00	-	-	-	-	-	-	-	-	-		0.00	0.00	0.00	-	0.01	-	-	-	-	-	-	-	-	-		1,000
1,050	0.00	0.00	0.00		665.00	-	-	-	-	-		-		-		0.00	0.00	0.00	-	0.05		-	-	-	-	-	-	-	-		1,050
1,100	0.00	0.00	0.00	-	615.00	-	-	-	-	-	-	-	-	-		0.00	0.00	0.00	-	0.01	-	-	-	-	-	-	-	-	-		1,100
1,150	0.00	0.00	0.00	-	565.00	-	-	-	-	-	-	-				0.00	0.00	0.00	-	0.01		-	-	-	-	-	-		-		1,150
1,200	0.00	0.00	0.00	-	515.00	-	-	-	-	-	-	-	-	-		0.00	0.00	0.00	-	0.01	-	-	-	-	-	-	-	-	-		1,200
1,250	0.00	0.00	0.00		465.00	-	-	-	-	-		-		-		0.00	0.00	0.00	-	0.01		-	-	-	-	-	-	-	-		1,250
1,275	0.00	0.00	0.00	-	440.00	-	-	-	-	-	-	-		-		0.00	0.00	0.00	-	0.01	-	-	-	-	-	-	-	-	-		1,275
1,300	0.00	0.00	0.00	-	415.00	-	-	-	-	-	-	-		-		0.00	0.00	0.00	-	0.03	•	-	-	-	-	-	-	-	-		1,300
1,325	0.00	0.00	0.00	-	390.00	-	-	-	-	-	-	-	-	-		0.00	0.00	0.00	-	0.09	-	-	-	-	-	-	-	-	-		1,325
1,350	0.00	0.00	0.00	-	366.00	-	-	•	-	-	-	-	-	-		0.00	0.00	0.00	-	0.01	-	-	-	-	-	-	-	-	-		1,350
1,375	0.00	0.00	0.00	-	341.00	-		0.00	0.00	0.00	-	339.00	•	-		0.00	0.00	0.00	-	0.03	•	-	0.00	0.00	0.00	-	0.02	-			1,375
1,400	0.00	0.00	0.00	•	316.00	-	11	0.00	0.00	0.00	•	314.00	•	-		0.00	0.00	0.00	-	0.01	•	-	0.00	0.00	0.00	-	0.05	٠	•		1,400
1,425	0.00	0.00	0.00	-	291.00	-	6	0.00	0.00	0.00	-	289.00	-	-		0.00	0.00	0.00	-	0.01	-	-	0.00	0.00	0.00	-	0.13	-	-		1,425
1,450	0.00	0.00	0.00	•	266.00	-	•	0.00	0.00	0.00	•	264.00	•	7		0.00	0.00	0.00	-	0.01	•	4	0.00	0.00	0.00	-	0.29	٠	•		1,450
1,475			225.00	225.00	225.00	1	4	0.00		0.00	•	240.00	•	4			225.00		-	0.01	•	-	0.00	0.00	0.00	-	0.59	•	-		1,475
1,500		0.00	0.00	-	216.00	•	24	0.00		0.00	-	215.00	•	-			0.00	0.00	-	0.04	•	212	0.00		0.00	-	1.20	-	•		1,500
1,525	0.00	0.00	0.00	•	191.00	-	20	0.00	0.00	0.00	•	191.00	•	-		0.00	0.00	0.00	-	0.12	•	152	0.00	0.00	0.00	-	2.10	-	-		1,525
1,550			166.00	166.00	166.00	1	30	0.00	0.00	0.00	-	168.00	•	14			166.00		-	0.36	•	67	0.00	0.00	0.00	-	3.70	•	-		1,550
1,575	0.00	0.00	0.00	-	142.00	-	34	0.00	0.00	0.00	•	146.00	•			0.00	0.00	0.00	-	0.93		102	0.00	0.00	0.00	-	6.10	•	-		1,575
1,600			120.00		120.00	2	307	0.00	0.00	0.00	•	124.00	•	40			121.00		-	2.10	-	94	0.00	0.00	0.00	-	9.60	•	•		1,600
1,625		97.00			97.00	1	172	0.00	0.00	0.00	•	104.00	•	-		97.00	97.00	5.00	5.00	5.00	1	2	0.00	0.00	0.00	-	14.50	•	-		1,625
1,650			65.00		75.50	12	61		0.00	0.00	•	86.00	•	7		65.00	75.50		10.00	10.00	17	58	0.00	0.00	0.00	•	21.25	-	40		1,650
1,675		56.50			56.50	1	171	0.00	0.00	0.00	-	69.50	-	2		56.50	56.50	0.00	- 0/75	14.75	•	13	0.00	0.00	0.00	-	29.75	•			1,675
1,700			34.00		37.00	48	101		56.50		56.50	56.50	20	50				26.75	26.75	26.75	4	31		0.00	0.00	•	40.25	•	-		1,700
1,725			21.00		21.00	44	177	0.00		0.00	-	42.75	- 10	10			27.00		-	36.25	•			0.00	0.00	-	52.50	•	-		1,725
1,750			12.75	12.75	12.75 10.75	3	5		33.00		33.00	33.00 24.25	10	10		15.00		0.00	-	51.50 70.00	•	•	0.00	0.00	0.00	-	67.50 84.00	•	•		1,750 1,775
1,775 1,800	0.00	0.00	0.00	•	6.30		1	0.00	0.00	0.00	•	17.50	-	•		0.00	0.00	0.00		90.00	•		0.00	0.00	0.00	-	102.00	•	•		1,775
1,825		0.00	0.00	-	3.40	•	·		0.00			12.50		•							•					•	122.00	•	•		
1,850	0.00	0.00	0.00		1.80			0.00	0.00	0.00		8.70				0.00	0.00	0.00		112.00 136.00		-	0.00	0.00	0.00	-	143.00	-	-		1,825 1,850
1,900	0.00	0.00	0.00		0.39			0.00	0.00	0.00		0.70				0.00	0.00	0.00		184.00			0.00	0.00	0.00		143.00				1,900
1,900	0.00	0.00	0.00		0.39					-						0.00	0.00	0.00	-	234.00	-					-		-	-		1,900
2,000	0.00	0.00	0.00		0.07											0.00	0.00	0.00		284.00											2,000
2,000	0.00		0.00		0.01	-			-		-						0.00	0.00	-	334.00				-		-		-	-		2,000
2,000	0.00	0.00	0.00		0.01					•		-				0.00	0.00	0.00		334.00	•						•		•		۷,000

Hellenic Exchanges – Athens Stock Exchange S.A. Strategic Communication & Market Analysis Division - Market Analysis Department Daily Official List
Year: 137 Trading Day No: 223
Section 7: Index Options
Wednesday, 23 November, 2016

FTSE/Athex Large Cap (Trade Unit: 1 Index Point x 2€ - Excercise Style: European, Cash Settlement)

								Call Option	ns																		Put 0	ptions							
-				Decen	nber 2016						Januai	ry 2017			Of	ther Months					Decem	nber 201	5						Janu	ary 2017			Oth	er Months	
Excerise Price	Open price	Price max	Price min	Last price	Closing pri	ce Volum	Open Intere		Price max	Price min	Last price	Closing pric	e Volume	Open Interes	t Volun	Open Inter	est Oper		Price max	Price min	Last price	Closing	price V	/olume	Open Interest	Open price	Price max	Price mir	n Last price		rice Volum	Open Interes	Volume	Open Interest	Excerise Price
2,100	0.00	0.00	0.00		0.01	-			-	-	-		-	-			0.0	0	0.00	0.00		383	00		-	-	-	-	-	-		-			2,100
	Totals:					113	1,124						30	134	0	0	~							22	735						0	40	0	0	
	Number	of Trades	i:				28							7		0									5							0		0	

Year: 137 Trading Day No: 223 Wednesday, 23 November, 2016

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

ALPHA BANK (CR)		
	Call Options	Put Options

-				Decemb	er 2016						January	y 2017			Other Months				Decem	ber 2016						January	/ 2017			Other Months	
Excerise Price	Open price	Price max	Price mi	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 price	Closing price	Volume	Open Interest	Volume Open Interest	Excerise Price
0.800	0.000	0.000	0.000		1.09	-	-						-			0.000	0.000	0.000		0.002	-	-						-	-		0.008
0.850	0.000	0.000	0.000		1.04	-	-						-	-		0.000	0.000	0.000		0.001	-	-						-	-		0.009
0.900	0.000	0.000	0.000		0.991	-	-						-	-		0.000	0.000	0.000		0.001	-								-		0.009
0.950	0.000	0.000	0.000		0.941	-	-						-	-		0.000	0.000	0.000		0.001	-	-						-	-		0.010
1.000	0.000	0.000	0.000		0.891	-		0.000	0.000	0.000		0.893	-			0.000	0.000	0.000		0.001	-		0.000	0.000	0.000		0.001		-		0.010
1.100	0.000	0.000	0.000		0.791	-	-	0.000	0.000	0.000		0.794	-	-		0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000		0.001	-	-		0.011
1.200	0.000	0.000	0.000		0.692	-	-	0.000	0.000	0.000		0.694	-	-		0.000	0.000	0.000		0.001	-		0.000	0.000	0.000		0.001		-		0.012
1.300	0.000	0.000	0.000		0.592	-		0.000	0.000	0.000		0.595	-	-		0.000	0.000	0.000		0.001	-		0.000	0.000	0.000		0.001		-		0.013
1.400	0.000	0.000	0.000		0.492	-		0.000	0.000	0.000		0.499	-	-		0.000	0.000	0.000		0.001	-		0.000	0.000	0.000		0.004		-		0.014
1.500	0.000	0.000	0.000		0.393	-	-	0.000	0.000	0.000		0.406	-	-		0.000	0.000	0.000		0.001		-	0.000	0.000	0.000		0.011		-		0.015
1.600	0.000	0.000	0.000		0.297	-		0.000	0.000	0.000		0.320	-	-		0.000	0.000	0.000		0.005	-		0.000	0.000	0.000		0.025		-		0.016
1.700	0.000	0.000	0.000		0.209	-	-	0.000	0.000	0.000		0.243	-	-		0.000	0.000	0.000		0.016	-		0.000	0.000	0.000		0.048		-		0.017
1.800	0.000	0.000	0.000		0.134	-	-	0.000	0.000	0.000		0.178	-	-		0.000	0.000	0.000		0.042	-	-	0.000	0.000	0.000		0.082	-	-		0.018
1.900	0.000	0.000	0.000		0.078	-	-	0.000	0.000	0.000		0.126	-	-		0.000	0.000	0.000		0.085		-	0.000	0.000	0.000		0.130		-		0.019
2.000	0.000	0.000	0.000		0.041	-	-	0.000	0.000	0.000		0.086	-	-		0.000	0.000	0.000		0.148	-	-	0.000	0.000	0.000		0.190	-	-		0.020
2.200	0.000	0.000	0.000		0.008	-	-	0.000	0.000	0.000		0.036	-	-		0.000	0.000	0.000		0.316	-	-	0.000	0.000	0.000		0.340		-		0.022
2.400	0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000		0.013	-	-		0.000	0.000	0.000		0.510	-	-	0.000	0.000	0.000		0.518		-		0.024
2.600	0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000		0.005	-	-		0.000	0.000	0.000		0.710		-	0.000	0.000	0.000		0.711		-		0.026
2.800	0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000		0.001	-	-		0.000	0.000	0.000		0.910	-	-	0.000	0.000	0.000		0.910		-		0.028
3.000	0.000	0.000	0.000		0.001	-	-						-	-		0.000	0.000	0.000		1.11		-							-		0.030
3.200	0.000	0.000	0.000		0.001	-	-						-	-		0.000	0.000	0.000		1.31									-		0.032
3.400	0.000	0.000	0.000		0.001	-	-							-		0.000	0.000	0.000		1.51		-							-		0.034
3.600	0.000	0.000	0.000		0.001	-	-						-			0.000	0.000	0.000		1.71	-								-		0.036
	Totals:					0	0						0	0	0 0						0	0						0	50	0 0	
	Number o	of Trades:	:				0							0	0							0.00							0	0	_

Year: 137 Trading Day No: 223 Section 7: Stock Options Wednesday, 23 November, 2016

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

				Decem	ber 2016						Januar	y 2017			Other M	Months				December 20	016						January	2017			Other Mo	nths	
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 Op	pen Interest	Open price	Price max		Last Closi price	ing price	Volume	Open Interest	Open price	Price max	Price min	Last (Closing price	Volume	Open Interest	Volume Oper	Interest	Excerise Price
0.050	0.000	0.000	0.000		0.177	-	-	0.000	0.000	0.000		0.177	-	-			0.000	0.000	0.000	0.	0.001	-	-	0.000	0.000	0.000		0.001	-	-	-		0.001
0.100	0.000	0.000	0.000		0.127	-	-	0.000	0.000	0.000		0.127	-	-			0.000	0.000	0.000	0.	0.001	-	-	0.000	0.000	0.000		0.002	-	-			0.001
0.150	0.000	0.000	0.000		0.079			0.000	0.000	0.000		0.080	-	-			0.000	0.000	0.000	0.	0.002	-	-	0.000	0.000	0.000		0.003	-	-			0.002
0.200	0.000	0.000	0.000		0.041	-		0.000	0.000	0.000		0.043	-	-			0.000	0.000	0.000	0.	0.014	-	-	0.000	0.000	0.000		0.016	-	-			0.002
0.250	0.000	0.000	0.000		0.018			0.000	0.000	0.000		0.021	-	-			0.000	0.000	0.000	0.	0.041	-	-	0.000	0.000	0.000		0.043	-	-			0.003
0.300	0.000	0.000	0.000		0.007	-	-	0.000	0.000	0.000		0.009	-	-			0.000	0.000	0.000	0.	0.080	-	-	0.000	0.000	0.000		0.081	-	-			0.003
0.350	0.000	0.000	0.000		0.003			0.000	0.000	0.000		0.004	-	-			0.000	0.000	0.000	0.	1.125	-	-	0.000	0.000	0.000		0.126	-	-			0.004
0.400	0.000	0.000	0.000		0.001	-		0.000	0.000	0.000		0.002	-	-			0.000	0.000	0.000	0.).174	-	-	0.000	0.000	0.000		0.174	-	-			0.004
0.450	0.000	0.000	0.000		0.001	-		0.000	0.000	0.000		0.001	-				0.000	0.000	0.000	0.	.223	-		0.000	0.000	0.000		0.223	-	-			0.005
0.500	0.000	0.000	0.000		0.002	-		0.000	0.000	0.000		0.001	-	-			0.000	0.000	0.000	0.).273	-	-	0.000	0.000	0.000		0.273		-			0.005
0.550	0.000	0.000	0.000		0.001	-	-						-	-			0.000	0.000	0.000	0.	.323	-	-						-	-			0.006
0.600	0.000	0.000	0.000		0.001	-							-	-			0.000	0.000	0.000	0.).373	-	-						-	-			0.006
	Totals:					0	0						0	0	0	0						0	0						0	0	0	0	
	Number o	of Trades	:				0							0	C	0							0.00							0	0		

Number of Trades:

OPAP (CR)

Year: 137 Trading Day No: 223
Options
Wednesday, 23 November, 2016

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

0

0

							C	Call Optio	ns														Put Op	ions							
				Deceml	ber 2016					J	anuary 2017			Other Months				Decemb	per 2016						January	y 2017			Other I	Months	
Excerise Price	Open price	Price max	Price min	Last price	Closing price	Volume	Open Interest	Open price	Price max		ast Closing p	rice 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	pen Interest	Excerise Price
3.600	0.000	0.000	0.000		5.27	-	-	-					-	-	0.000	0.000	0.000		0.001	-	-						-	-			0.036
3.800	0.000	0.000	0.000		5.08	-	-					-	-		0.000	0.000	0.000		0.001	-	-						-	-			0.038
4.000	0.000	0.000	0.000		4.88		-					-	-		0.000	0.000	0.000		0.001	-	-						-	-			0.040
4.400	0.000	0.000	0.000		4.48	-	-					-	-		0.000	0.000	0.000		0.001	-	-						-	-			0.044
4.800	0.000	0.000	0.000		4.08		-					-	-		0.000	0.000	0.000		0.001	-	-						-	-			0.048
5.200	0.000	0.000	0.000		3.68	-	-					-	-		0.000	0.000	0.000		0.001	-	-						-	-			0.052
5.600	0.000	0.000	0.000		3.28		-	0.000	0.000	0.000	3.29	-	-		0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000		0.001	-	-			0.056
6.000	0.000	0.000	0.000		2.88	-	-	0.000	0.000	0.000	2.89	-	-		0.000	0.000	0.000		0.002	-	-	0.000	0.000	0.000		0.001	-	-			0.060
6.400	0.000	0.000	0.000		2.48		-	0.000	0.000	0.000	2.49	-	-		0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000		0.001	-	-			0.064
6.800	0.000	0.000	0.000		2.08		-	0.000	0.000	0.000	2.10		-		0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000		0.005	-	-			0.068
7.200	0.000	0.000	0.000		1.68		-	0.000	0.000	0.000	1.71	-	-		0.000	0.000	0.000		0.001	-	25	0.000	0.000	0.000		0.016	-	-			0.072
7.600	0.000	0.000	0.000		1.29		-	0.000	0.000	0.000	1.34		-		0.000	0.000	0.000		0.008	-	40	0.000	0.000	0.000		0.048	-	-			0.076
8.000	0.000	0.000	0.000		0.915		-	0.000	0.000	0.000	1.00		-		0.000	0.000	0.000		0.035	-	-	0.000	0.000	0.000		0.109	-	-			0.080
8.400	0.000	0.000	0.000		0.588		100	0.000	0.000	0.000	0.718		-		0.000	0.000	0.000		0.107		-	0.000	0.000	0.000		0.222		-			0.084
8.800	0.000	0.000	0.000		0.335		99	0.000	0.000	0.000	0.484				0.000	0.000	0.000		0.254			0.000	0.000	0.000		0.387		-			0.088
9.200	0.000	0.000	0.000		0.167		-	0.000	0.000	0.000	0.306		10		0.000	0.000	0.000		0.486	-		0.000	0.000	0.000		0.609		-			0.092
9.600	0.000	0.000	0.000		0.072		-	0.000	0.000	0.000	0.186		-		0.000	0.000	0.000		0.792			0.000	0.000	0.000		0.890		-			0.096
10.000	0.000	0.000	0.000		0.026	-		0.000	0.000	0.000	0.106		-		0.000	0.000	0.000		1.15	-		0.000	0.000	0.000		1.21	-	-			0.100
11.000	0.000	0.000	0.000		0.001			0.000	0.000	0.000	0.020				0.000	0.000	0.000		2.13	-		0.000	0.000	0.000		2.13					0.110
12.000	0.000	0.000	0.000		0.001		-	0.000	0.000	0.000	0.003		-		0.000	0.000	0.000		3.13			0.000	0.000	0.000		3.13					0.120
	Totals:					0	199					0	10	0 0						0	65						0	0	0	0	

0.00

Year: 137 Trading Day No: 223

k Options

Wednesday, 23 November, 2016

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

OTE (CR)		
Call Op	ptions	Put Options

				Decemb	er 2016						Januar	y 2017			Other Months				Decem	ber 2016						Januar	y 2017	-		Other Months	
Excerise Price	Open price	Price max	Price min	Last price	Closing price	Volume	Open Interest	Open price	Price max	Price min	Last price	Closing price	Volume	Open Interest	Volume Open Interest	Open price	Price max	Price min	Last price	Closing price	Volume	Open Interest	Open price	Price max	Price min	Last price	Closing price	Volume	Open Interest	Volume Open Interest	Excerise Price
4.800	0.000	0.000	0.000		3.65	-	-						-	-	-	0.000	0.000	0.000		0.002	-	-						-	-		0.048
5.200	0.000	0.000	0.000		3.25	-							-			0.000	0.000	0.000		0.001	-							-	-		0.052
5.600	0.000	0.000	0.000		2.85	-							-			0.000	0.000	0.000		0.001	-								-		0.056
6.000	0.000	0.000	0.000		2.45	-		0.000	0.000	0.000		2.46	-			0.000	0.000	0.000		0.001	-		0.000	0.000	0.000		0.001	-	-		0.060
6.400	0.000	0.000	0.000		2.05	-		0.000	0.000	0.000		2.06	-			0.000	0.000	0.000		0.001	-		0.000	0.000	0.000		0.003		-		0.064
6.800	0.000	0.000	0.000		1.65	-		0.000	0.000	0.000		1.68	-	-		0.000	0.000	0.000		0.001	-		0.000	0.000	0.000		0.014		-		0.068
7.200	0.000	0.000	0.000		1.25	-	-	0.000	0.000	0.000		1.31	-	30		0.000	0.000	0.000		0.005	-	-	0.000	0.000	0.000		0.043	-	-		0.072
7.600	0.000	0.000	0.000		0.877	-		0.000	0.000	0.000		0.968	-	-		0.000	0.000	0.000		0.027	-	5	0.000	0.000	0.000		0.103		-		0.076
8.000	0.000	0.000	0.000		0.546	-	210	0.000	0.000	0.000		0.682				0.000	0.000	0.000		0.096	-	5	0.000	0.000	0.000		0.217	-	-		0.080
8.400	0.000	0.000	0.000		0.294	-		0.000	0.000	0.000		0.450	-			0.000	0.000	0.000		0.243	-		0.000	0.000	0.000		0.384		-		0.084
8.800	0.000	0.000	0.000		0.133	-	-	0.000	0.000	0.000		0.280	-	-		0.000	0.000	0.000		0.483	-	-	0.000	0.000	0.000		0.615	-	-		0.088
9.200	0.000	0.000	0.000		0.051	-		0.000	0.000	0.000		0.165				0.000	0.000	0.000		0.802	-		0.000	0.000	0.000		0.900	-	-		0.092
9.600	0.000	0.000	0.000		0.016	-		0.000	0.000	0.000		0.091	-			0.000	0.000	0.000		1.17	-		0.000	0.000	0.000		1.23		-		0.096
10.000	0.000	0.000	0.000		0.004	-	-	0.000	0.000	0.000		0.047	-	-		0.000	0.000	0.000		1.56	-		0.000	0.000	0.000		1.59	-	-		0.100
11.000	0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000		0.007	-	-		0.000	0.000	0.000		2.56	-	-	0.000	0.000	0.000		2.56		-		0.110
12.000	0.000	0.000	0.000		0.001	-							-	-		0.000	0.000	0.000		3.56	-	-						-	-		0.120
13.000	0.000	0.000	0.000		0.001	-	-						-	-		0.000	0.000	0.000		4.56	-	-						-	-		0.130
14.000	0.000	0.000	0.000		0.003	-	-						-	-		0.000	0.000	0.000		5.56	-	-						-	-		0.140
	Totals:					0	210						0	30	0 0						0	10						0	0	0 0	
	Number o	of Trades:					0							0	0							0.00							0	0	

Year: 137 Trading Day No: 223 Section 7: Stock Options Wednesday, 23 November, 2016

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

								oun opti	OHS															i ui o	phons						
				Decem	ber 2016						Januar	ry 2017			Other Months				Decemb	per 2016						Janua	ry 2017			Other Month	s
Excerise Price	Open price	Price max	Price min	Last price	Closing price	Volume	Open Interes	ot 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 Int	erest Excerise Price
0.050	0.000	0.000	0.000		0.160	-	-	0.000	0.000	0.000		0.160	-	-		0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000		0.001	-		-	0.001
0.100	0.000	0.000	0.000		0.110	-		0.000	0.000	0.000		0.111	-	-		0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000		0.001	-	-		0.001
0.150	0.000	0.000	0.000		0.066	-	-	0.000	0.000	0.000		0.067	-	-		0.000	0.000	0.000		0.005	-		0.000	0.000	0.000		0.006	-	-		0.002
0.200	0.000	0.000	0.000		0.034	-	-	0.000	0.000	0.000		0.036	-	-		0.000	0.000	0.000		0.024		-	0.000	0.000	0.000		0.025	-	-		0.002
0.250	0.000	0.000	0.000		0.016	-		0.000	0.000	0.000		0.017	-	-		0.000	0.000	0.000		0.055	-	-	0.000	0.000	0.000		0.057		-		0.003
0.300	0.000	0.000	0.000		0.007	-		0.000	0.000	0.000		0.008	-	-		0.000	0.000	0.000		0.097	-	-	0.000	0.000	0.000		0.097	-	-		0.003
0.350	0.000	0.000	0.000		0.003	-		0.000	0.000	0.000		0.004	-	-		0.000	0.000	0.000		0.143	-	-	0.000	0.000	0.000		0.143		-		0.004
0.400	0.000	0.000	0.000		0.001	-		0.000	0.000	0.000		0.002	-	-		0.000	0.000	0.000		0.191	-	-	0.000	0.000	0.000		0.191		-		0.004
0.450	0.000	0.000	0.000		0.001	-		0.000	0.000	0.000		0.001	-	-		0.000	0.000	0.000		0.240	-	-	0.000	0.000	0.000		0.240		-		0.005
0.500	0.000	0.000	0.000		0.003	-	-						-	-		0.000	0.000	0.000		0.290		-						-	-		0.005
0.550	0.000	0.000	0.000		0.002	-							-	-		0.000	0.000	0.000		0.340	-	-							-		0.006
	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: 137 Trading Day No: 223

Wednesday, 23 November, 2016

PPC (CR)

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

110 (01	7						С	all Optio	ns																Put Op	otions				,			
				Decem	ber 2016						Januar	,			Other N	Months				Decem	ber 2016						Januar	,			Other M	lonths	
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 C	pen 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 Op	en Interest	Excerise Price
1.700	0.000	0.000	0.000		1.60		-						-	-			0.000	0.000	0.000		0.001	-	-							-			0.017
1.800	0.000	0.000	0.000		1.50	-							-	-			0.000	0.000	0.000		0.001	-								-			0.018
1.900	0.000	0.000	0.000		1.40	-	-	0.000	0.000	0.000		1.41	-				0.000	0.000	0.000		0.001			0.000	0.000	0.000		0.001	-				0.019
2.000	0.000	0.000	0.000		1.30	-	-	0.000	0.000	0.000		1.31	-				0.000	0.000	0.000		0.001			0.000	0.000	0.000		0.001	-				0.020
2.200	0.000	0.000	0.000		1.10	-	-	0.000	0.000	0.000		1.11	-				0.000	0.000	0.000		0.002	-	-	0.000	0.000	0.000		0.001	-	-			0.022
2.400	0.880	0.880	0.880	0.880	0.880	5	35	0.000	0.000	0.000		0.910	-				0.000	0.000	0.000		0.001			0.000	0.000	0.000		0.002	-				0.024
2.600	0.000	0.000	0.000		0.704	-	-	0.000	0.000	0.000		0.717	-				0.000	0.000	0.000		0.004	-	-	0.000	0.000	0.000		0.008	-	-			0.026
2.800	0.000	0.000	0.000		0.507		-	0.000	0.000	0.000		0.535	-	-			0.000	0.000	0.000		0.004	-	-	0.000	0.000	0.000		0.026		-			0.028
3.000	0.000	0.000	0.000		0.325	-	-	0.000	0.000	0.000		0.377	-	-			0.000	0.000	0.000		0.021	-	-	0.000	0.000	0.000		0.067	-	-			0.030
3.200	0.000	0.000	0.000		0.177			0.000	0.000	0.000		0.247	-	-			0.000	0.000	0.000		0.073	-	-	0.000	0.000	0.000		0.137		-			0.032
3.400	0.000	0.000	0.000		0.080	-	-	0.000	0.000	0.000		0.152	-	-			0.000	0.000	0.000		0.176	-	-	0.000	0.000	0.000		0.241	-	-			0.034
3.600	0.000	0.000	0.000		0.029			0.000	0.000	0.000		0.086	-	-			0.000	0.000	0.000		0.326	-	-	0.000	0.000	0.000		0.376		-			0.036
3.800	0.000	0.000	0.000		0.009	-	-	0.000	0.000	0.000		0.047					0.000	0.000	0.000		0.506			0.000	0.000	0.000		0.537	-	-			0.038
4.000	0.000	0.000	0.000		0.002		-	0.000	0.000	0.000		0.023		-			0.000	0.000	0.000		0.700			0.000	0.000	0.000		0.715		-			0.040
4.400	0.000	0.000	0.000		0.001	-		0.000	0.000	0.000		0.005	-				0.000	0.000	0.000		1.10	-		0.000	0.000	0.000		1.10	-				0.044
4.800	0.000	0.000	0.000		0.001		-										0.000	0.000	0.000		1.50												0.048
5.200	0.000	0.000	0.000		0.001	-							-				0.000	0.000	0.000		1.90	-							-				0.052
5.600	0.000	0.000	0.000		0.001	-	-										0.000	0.000	0.000		2.30								-				0.056
6.000	0.000	0.000	0.000		0.001	-	-						-				0.000	0.000	0.000		2.70	-	-						-	-			0.060
	Totals:					5	35						0	0	0	0						5	0						0	0	0	0	
	Number (of Trades:					1							0		0							0.00							0	0		

Year: 137 Trading Day No: 223

Wednesday, 23 November, 2016

			Mi	ultilateral Trar	sactions[1]		Bilateral	Transactions[2]	Stock Borrowing through OTC (volume)[3]
Lending Products	Underlying Title	Open Interest[5]	Volume(Offered)	Average Weighted	Transactions volume	Average Weighted	Transactions Volume	Average Weighte	Transactions Volume
AEGNBOR	AEGEAN AIRLINES (CR)	100	13,599	5.31%					11,701
ALPHABOR	ALPHA BANK (CR)	124,350	164,415	5.31%					1,867,124
ALMYBOR	ALUMIL (CR)								
ATRBOR	ATHENS MEDICAL CENTER SA (CR)		36,398	5.31%					
OTOELBOR	AUTOHELLAS SA (CR)		1,840	5.31%					
BOCBOR	BANK OF CYPRUS (CR)		270	5.31%					84,008
EEBOR	CC HBC AG (CR)	2,428	4,271	5.31%					70,546
CENTRBOR	CENTRIC HOLDINGS (CR)		16,000	5.31%					
OLKBOR	CORINTH PIPEWORKS (CR)								
PLAKRBOR	CRETE PLASTICS SA (CR)								
LINBOR	ELINOIL S.A. (CR)								
LLAKTORBOR	ELLAKTOR (CR)	10,000	77,427	5.31%					
NEMOSBOR	ELTECH ANEMOS S.A. (CR)		6,079	5.31%					
LTONBOR	ELTON SA (CR)								
EUROBBOR	EUROBANK ERGASIAS (CR)	131,312	249,404	3.31%					2,096,875
EUPICBOR	EUROPEAN RELIANCE INSUR. (CR)								
YDAPBOR	EYDAP S.A. (CR)	1,972	4,989	5.31%	400	3.45%			17,780
LEXOBOR	FLEXOPACK SA (CR)								
FGRPBOR	FOLLI FOLLIE (CR)	8,190	70,233	5.31%					712,814
OYRKBOR	FOURLIS (CR)		5,130	5.31%					3,850
EKTERNABOR	GEK TERNA (CR)	112	30,269	5.31%					
ARBOR	GR. SARANTIS SA (CR)		1,536	5.31%					
UPROBOR	GRIVALIA PROPERTIES (CR)	1,000	96,628	5.31%					44,856
AKOBOR	HALKOR SA (CB)		56,552	5.31%					
XAEBOR	HELLENIC EXCHANGES-A.S.E. (CR)	33,700	437,569	5.31%	13,000	3.09%			99,267
LPEBOR	HELLENIC PETROLEUM (CR)	175	142,160	5.31%					43,542
YGEIABOR	HYGEIA SA (CR)		48,700	5.31%					
ASOBOR	IASO SA (CR)								
CTINBOR	IKTINOS HELLAS SA (CR)		798	5.31%					
NTRKBOR	INTRACOM HOLDINGS (CR)		171,048	5.31%					
ILOTBOR	INTRALOT (CR)	14,000	37,679	5.31%					803

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.

Strategic Communication & Market Analysis Division - Market Analysis Department

Wednesday, 23 November, 2016

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
AVAXBOR	J & P - AVAX SA (CR)		20,335	5.31%					
BELABOR	JUMBO SA (CR)	9,525	103,203	5.31%					7,025
KLEMBOR	KLEEMAN HELLAS SA (CR)		1,188	5.31%					
KORRESBOR	KORRES (CR)		319	5.31%					
KRIBOR	KRI-KRI S.A. (CR)		47,768	5.31%					
KYRMBOR	KYRIAKIDIS MARBLES SA (CR)		5,737	5.31%					
LAMDABOR	LAMDA DEVELOPMENT SA (CR)	14	100	5.32%					10,377
MIGBOR	MARFIN INVESTMENT GROUP (CR)	50,000	281,902	5.31%	50,000	3.83%			749,474
METKKBOR	METKA (CR)	20,765	5	5.35%					13,671
MLSBOR	MLS MULTIMEDIA SA (CR)		9,118	5.31%					
MOHBOR	MOTOR OIL (CR)	4,895	29,110	5.31%					52,658
MYTILBOR	MYTILINEOS HOLDINGS (CR)	22,394	127,319	5.31%					920
ETEBOR	NATIONAL BANK (CR)	328,265	965,316	5.31%			2,000	0.01%	4,579,565
ETFASEBOR	NBGAM ETF								
ETFGT30PBOR	NBGAM ETF GREECE & TURKEY 30								
OPAPBOR	OPAP (CR)	54,100	5,210	4.68%					865,601
HTOBOR	OTE (CR)	4,357	68,633	5.31%					323,588
PPABOR	P.P.A. S.A. (CR)	368	1,468	5.31%					901
PAPBOR	PAPOUTSANIS (CR)								
PETROBOR	PETROPOULOS PETROS (CR)								
TPEIRBOR	PIRAEUS BANK (CR)	106,061	541,598	5.31%			110,000	0.01%	7,213,758
PLAISBOR	PLAISIO COMPUTERS SA (CR)								
PPCBOR	PPC (CR)	36,950	86,383	5.31%					512,774
QUALBOR	QUALITY & RELIABILITY SA (CR)								
QUESTBOR	QUEST HOLDINGS (CR)		958	5.31%					
KAMPBOR	REDS S.A. (CR)								
EPILBOR	SELECTED TEXT. IND. ASSOC (CR)								
SELOBOR	SELONDA AQUACULTURE SA (CR)								
OLYMPBOR	TECHNICAL OLYMPIC SA (CR)		23,237	5.31%					
TENERGYBOR	TERNA ENERGY (CR)	1,000	32,305	5.31%					
EYAPSBOR	THESSALONIKA WATER & SEWERAGE		6,149	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.

Strategic Communication & Market Analysis Division - Market Analysis Department

Daily Official List Year: 137 Trading Day No: 223

Section 7: Stock Lending Analytic Figures Wednesday, 23 November, 2016

			Multilateral Transactions[1]					Transactions[2]	Stock Borrowing through OTC (volume)[3]
Lending Products	Underlying Title	Open Interest[5]	Volume(Offered)	Average Weighted	Transactions volume	Average Weighted	Transactions Volume	Average Weighte	Transactions Volume
PLATBOR	THRACE PLASTICS SA (CR)	***	43,699	5.31%					
TITKBOR	TITAN CEMENT (CR)	8,099	211,947	5.31%					3,520
OLTHBOR	TPA SA (CR)		183	5.31%					
VIOBOR	VIOHALCO SA/NV (CB)		67,888	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, 3/3 Strategic Communication & Market Analysis Division - Market Analysis Department

Daily Official ListYear: 137 Trading Day No: 223Appendix A: Sectors codification for listed companiesWednesday, 23 November, 2016

Sectors codification for listed companies

Exploration & Production 537 Integrated Oil & Gas 1353 Commodity Chemicals 1357 Specialty Chemicals 1755 1753 Aluminum Nonferrous Metals 1757 Steel 1775 General Mining 2353 **Building Materials & Fixtures** 2357 **Heavy Construction** Containers & Packaging **Diversified Industrials** 2723 2727

2733 Electrical Components & Equipment 2753 Commercial Vehicles & Trucks 2757 **Industrial Machinery** 2773 Marine Transportation **Business Support Services** 2777 Transportation Services 2791 2797 **Industrial Suppliers** 3535 Distillers & Vintners Soft Drinks 3537 3573 Farming Fishing & Plantations

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

5337 - Food Retailers & Wholesalers
5373 - Broadline Retailers
5379 - Specialty Retailers
5379 - Specialty Retailers
5379 - Broadcasting & Entertainment

 5555
 - Media Agencies
 5557
 - Publishing

 5751
 - Airlines
 5752
 - Gambling

 5753
 - Hotels
 5755
 - Recreation

5753-Hotels5755-Recreational Services5757-Restaurants & Bars5759-Travel & Tourism6535-Fixed Line Telecommunications6575-Mobile Telecommunications7535-Conventional Electricity7537-Alternative Electricity

7577 - Water 8355 - Banks 8534 - Insurance Brokers 8536 - Property & Casualty Insurance

8633-Real Estate Holding & Development8637-Real Estate Services8671-Industrial & Office REITs8674-Diversified REITs8675-Specialty REITs8775-Specialty Finance

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

9537 - Software 9572 - Computer Hardware

9574 - Electronic Office Equipment 9578 - Telecommunications Equipment

12003

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