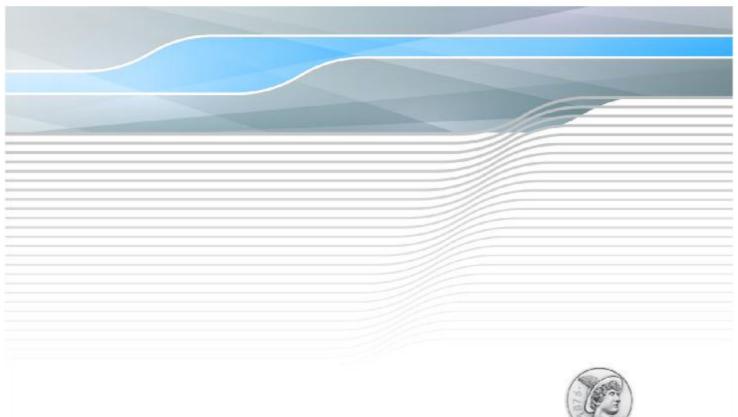
Hellenic Exchanges – Athens Stock Exchange S.A.

Ημερήσιο Δελτία Συναλλακτικής Δ Daily Official List of Trading Activity

Ημερήσιο Δελτίο Συναλλακτικής Δραστηριότητας

Friday, 21 December, 2018 Year: 139 Trading Day No: 246





Daily Official List

Year: 139 Trading Day No: 246

Friday, 21 December, 2018

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Market Operation & Development Division - Statistics & Information Services

Daily Official List

Year: 139 Trading Day No: 246

Friday, 21 December, 2018

Table of Contents

Section 1: Statistical Figures of Securities, Derivatives and Lending

Summary of Markets

Athex Indices

Analytic Figures for Athex Market's Boards and Categories

Trading Details by Athex Sectors and Financial Instruments (ETFs)

Top 10 best & worst performing Shares

Derivatives Summary

Section 2: Analytic Figures of Shares Transactions

Analytic Figures of Shares Transactions

Shares' Notes

Section 3: Figures of Securities Transactions

Securities Blocks Details

Shares Rights Details

Stock Borrowing

Securities Forced Sales

Forced Sales Registered Shares

Exchange Traded Funds (ETFs) Characteristics

Section 5: Bonds traded in Fixed Income Assets Market

Convertible Corporate Bonds - Regulated Market

Non Convertible Corporate Bonds - Regulated Market

Government Bonds

Treasury Bills & Zero Coupon Government Bonds

Government Bonds Traded with the Open Outcry Method

State Banks Bonds

Section 6: Additional Infos

Athex & ATHEXClear Members List

List of Stocks under Market Making operations

Section 7: Derivatives Market Analytic Figures

Index Futures

Stock Futures

Index Options

Stock Options

Stock Lending Analytic Figures

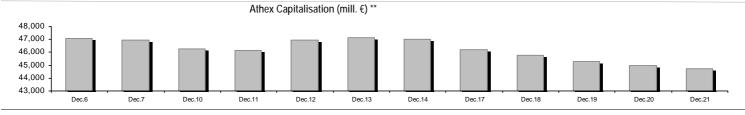
Appendix A: Sectors codification for listed companies

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

Summary of Markets



Athex Capitalisation (mill. €) **:	44,697.76		Derivatives Total Open Interest	398,588	
Daily change: mill. € %	-298.65	-0.66%	in Index Futures % daily chng	5,959	1.62%
Yearly Avg Capitalisation: mill. € % chng prev year Avg	52,221.82	4.12%	in Stock Futures % daily chng	388,202	0.20%
Athex Composite Share Price Index % daily chng	608.58	-0.80%	in Index Options % daily chng	2,831	3.51%
Athex Composite Share Price Index Capitalisation (mill. €) Daily change (mill. €)	39,898.47 -315.99		in Stock Options % daily chng	1,596	-0.62%
Securities' Transactions Value with Block Trades Method 6-1 (57,547.49		Derivatives Contracts Volume:	98,383	
Daily change: %	5,566.65	10.71%	Daily change: pieces %	-111,263	-53.07%
YtD Avg Trans. Value: thou. $\varepsilon \%$ chng prev year Avg	55,298.16	-4.96%	YtD Avg Derivatives Contracts % chng prev year Avg	56,517	-27.05%
Blocks Transactions Value of Method 6-1 (thou. €)	0.00		Derivatives Trades Number:	3,389	
Blocks Transactions Value of Method 6-2 & 6-3 (thou. €)	157.04		Daily change: number %	-1,615	-32.27%
Bonds Transactions Value (thou.€)	260.66		YtD Avg Trades number % chng prev year Avg	2,726	3.86%
Securities' Transactions Volume with Block Trades Method 6-1 (th 29,288.	15	Lending Total Open Interest	290,935	
Daily change: thou. pieces %	-27,296.46	-48.24%	Daily change: pieces %	6,661	2.34%
YtD Avg Volume: % chng prev year Avg	37,424.97	-48.09%	Lending Volume (Multilateral/Bilateral)	211,661	
Blocks Transactions Volume of Method 6-1 (thou. Pieces)	0.00		Daily change: pieces %	71,191	
Blocks Transactions Volume of Method 6-2 & 6-3 (thou. Pieces	135.61				
Bonds Transactions Volume	258,000		Multilateral Lending	6,661	
Donus Transactions volume	200,000		Bilateral Lending	205,000	
Securities' Trades Number with Block Trades Method 6-1	18,552		Lending Trades Number:	8	-42.86%
Daily change: number %	-2,113	-10.23%	Daily change: %	-6	
YtD Avg Trades number % chng prev year Avg	20,378	16.66%	Multilateral Lending Trades Number	6	
Number of Blocks Method 6-1	0		ŭ	2	
Number of Blocks Method 6-2 & 6-3	1		Bilateral Lending Trades Number	2	
Number of Bonds Transactions	17				



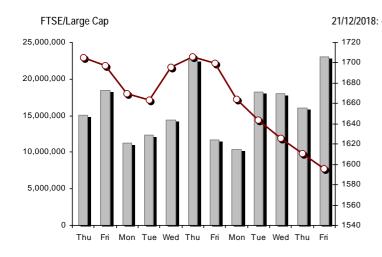


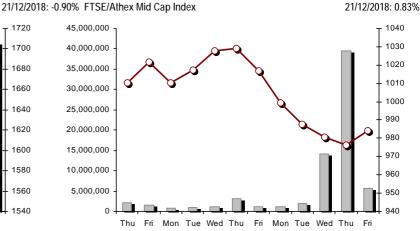
Athex Indices									
Index name	21/12/2018	20/12/2018	pts.	%	Min	Max	Year min	Year max	Year change
Athex Composite Share Price Index	608.58 Œ	613.50	-4.92	-0.80%	607.54	613.68	592.70	895.64	-24.15% Œ
FTSE/Athex Large Cap	1,595.95 Œ	1,610.47	-14.52	-0.90%	1,594.72	1,613.39	1,548.58	2,275.91	-23.39% Œ
FTSE/Athex Mid Cap Index	984.17 #	976.04	8.13	0.83%	969.38	984.17	911.71	1,417.74	-17.86% Œ
FTSE/ATHEX-CSE Banking Index	320.98 #	317.21	3.77	1.19%	313.51	320.98	307.86	788.88	-51.60% Œ
FTSE/ATHEX Global Traders Index Plus	2,011.98 Œ	2,019.66	-7.68	-0.38%	2,002.56	2,026.65	1,897.69	2,656.94	-14.00% Œ
FTSE/ATHEX Global Traders Index	1,930.65 Œ	1,962.09	-31.44	-1.60%	1,924.13	1,962.09	1,872.97	2,452.53	-11.37% Œ
FTSE/ATHEX Mid & Small Cap Factor-Weighted Ind	2,271.36 #	2,242.35	29.01	1.29%	2,241.59	2,280.39	1,953.64	2,464.88	16.25% #
ATHEX Mid & SmallCap Price Index	3,929.12 #	3,915.98	13.14	0.34%	3,903.80	3,968.08	3,459.89	4,442.84	13.49% #
FTSE/Athex Market Index	396.25 Œ	399.56	-3.31	-0.83%	395.92	400.26	384.60	564.78	-23.05% Œ
FTSE Med Index	4,045.77 Œ	4,127.56	-81.79	-1.98%			3,923.92	4,634.00	-6.68% Œ
Athex Composite Index Total Return Index	965.89 Œ	973.70	-7.81	-0.80%	964.25	973.99	937.82	1,392.60	-22.57% Œ
FTSE/Athex Large Cap Total Return	2,321.91 Œ	2,343.03	-21.12	-0.90%			2,246.89	3,277.20	-23.08% Œ
FTSE/ATHEX Large Cap Net Total Return	699.56 Œ	705.93	-6.37	-0.90%	699.02	707.21	677.24	979.13	-21.94% Œ
FTSE/Athex Mid Cap Total Return	1,214.67 #	1,204.63	10.04	0.83%			1,128.83	1,702.90	-15.80% Œ
FTSE/ATHEX-CSE Banking Total Return Index	302.39 #	298.83	3.56	1.19%			291.68	747.83	-52.41% Œ
Hellenic Mid & Small Cap Index	906.57 Œ	918.42	-11.85	-1.29%	905.20	918.42	880.79	1,185.73	-12.16% Œ
FTSE/Athex Banks	424.10 #	419.11	4.99	1.19%	414.22	424.10	406.75	1,042.30	-51.60% Œ
FTSE/Athex Financial Services	786.47 Œ	792.20	-5.73	-0.72%	781.57	808.66	737.75	1,309.27	-30.12% Œ
FTSE/Athex Industrial Goods & Services	1,946.16 Œ	1,957.39	-11.23	-0.57%	1,945.22	1,968.79	1,779.28	2,717.62	-13.36% Œ
FTSE/Athex Retail	63.35 #	62.94	0.41	0.65%	62.13	63.75	51.91	2,921.52	-97.72% Œ
FTSE/ATHEX Real Estate	2,925.66 Œ	3,009.31	-83.65	-2.78%	2,925.66	3,009.31	2,706.93	3,587.02	-14.17% Œ
FTSE/Athex Personal & Household Goods	6,980.44 Œ	7,225.13	-244.69	-3.39%	6,979.93	7,225.13	6,088.80	8,843.95	-12.75% Œ
FTSE/Athex Food & Beverage	9,916.73 #	9,902.42	14.31	0.14%	9,837.26	10,097.34	9,316.14	11,879.29	-2.33% Œ
FTSE/Athex Basic Resources	3,088.66 #	3,051.54	37.12	1.22%	3,039.83	3,136.18	2,919.09	4,731.18	-23.40% Œ
FTSE/Athex Construction & Materials	2,499.49 #	2,498.36	1.13	0.05%	2,482.64	2,521.97	2,457.94	3,244.17	-11.31% Œ
FTSE/Athex Oil & Gas	4,760.89 Œ	4,910.92	-150.03	-3.06%	4,760.89	4,910.92	4,087.64	5,396.31	5.11% #
FTSE/Athex Chemicals	8,067.95 #	7,778.54	289.41	3.72%	7,778.54	8,408.86	7,778.54	12,117.06	-29.68% Œ
FTSE/Athex Media	1,963.86 #	1,794.78	169.08	9.42%	1,794.78	1,963.86	1,131.49	1,963.86	25.83% #
FTSE/Athex Travel & Leisure	1,337.17 Œ	1,367.97	-30.80	-2.25%	1,337.17	1,367.97	1,325.32	1,962.01	-26.92% Œ
FTSE/Athex Technology	717.27 Œ	721.25	-3.98	-0.55%	709.25	725.43	668.53	1,116.72	-21.24% Œ
FTSE/Athex Telecommunications	2,711.28 Œ	2,752.57	-41.29	-1.50%	2,707.15	2,752.57	2,587.42	3,526.04	-14.35% Œ
FTSE/Athex Utilities	1,781.52 Œ	1,787.80	-6.28	-0.35%	1,762.59	1,787.80	1,756.98	2,508.45	-10.58% Œ
FTSE/Athex Health Care	506.21 #	502.05	4.16	0.83%	502.05	514.53	256.65	517.30	96.19% #
Athex All Share Index	157.35 Œ	158.41	-1.06	-0.67%	157.35	157.35	152.89	209.09	-17.30% Œ
Hellenic Corporate Bond Index	116.38 Œ	116.44	-0.06	-0.05%			115.75	118.41	-0.49% Œ
Hellenic Corporate Bond Price Index	95.93 Œ	95.99	-0.06	-0.06%			95.62	100.55	-4.02% Œ

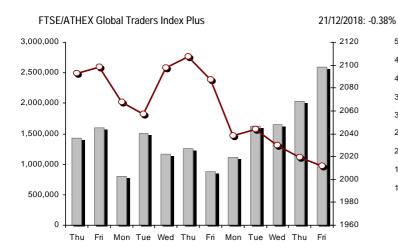
Note 1: FTSE/Med 100, Hellenic Corporate Bond Price Index and Hellenic Corporate Bond Index closing prices refer to the previous trading day of 19/12/2018.

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

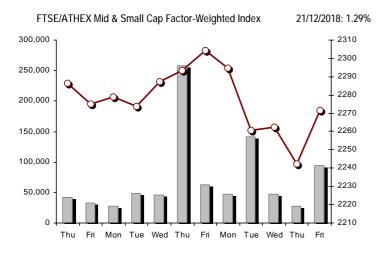
Athex Indices

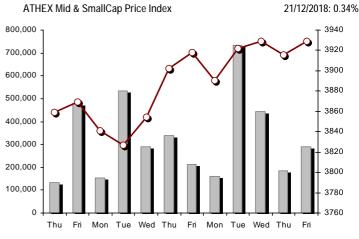












Indices volume of transactions

Indices closing prices

Analytic Figures for Athex Market's Boards and Categories

	Total Traded Securities	Main Market	Surveillance	Exchange Traded Funds (ETFs)	
Totals	109	99	9	1	
Gain / Lose / Same:	39 / 44 / 26	39 / 42 / 18	0/1/8	0/1/0	
Athex Capitalisation (mill. €) **	44,697.76	44,492.96	204.80		
Daily Average Trans/ons Value(thou.€)	55,298.16	55,303.98	31.74	48.09	
Transactions Value	57,704.52	57,699.71	4.79	0.02	
Main Board:	57,547.49	57,542.68	4.79	0.02	
Blocks Board 6_2_3:	157.04	157.04	0.00	0.00	
Forced Sales Board:	0.00	0.00	0.00	0.00	
Special Terms Board:	0.00	0.00	0.00	0.00	
Daily Average Transactions Volume	37,424,971	37,253,697	218,425	2,442	
Transactions Volume	29,423,762	29,363,613	60,148	1	
Main Board:	29,288,153	29,228,004	60,148	1	
Blocks Board 6_2_3:	135,609	135,609	0	0	
Forced Sales Board:	0	0	0	0	
Special Terms Board:	0	0	0	0	
Daily Average Number of Trades	20,378	20,285	92	2	
Number of Trades	18,553	18,521	31	1	
Main Board:	18,552	18,520	31	1	
Blocks Board 6_2_3:	1	1	0	0	
Forced Sales Board:	0	0	0	0	
Special Terms Board:	0	0	0	0	

Trading Details by Athex Sectors and Financial Instruments (ETFs)

Code	Sectors	Gain / Lose / Same	Number of Trades	Transactions Volume	Transactions Value	% of Total Trans. Value
8300 -	Banks	3/3/0	6,928	18,823,285	14,521,501.72	25.17%
1700 -	Basic Resources	4/1/0	161	84,663	99,925.74	0.17%
1300 -	Chemicals	3/0/1	195	51,542	95,253.99	0.17%
2300 -	Construction & Materials	3/6/1	1,260	1,428,255	4,278,640.20	7.41%
12000 -	Financial Instruments	0/1/0	1	1	16.00	0.00%
8700 -	Financial Services	2/1/0	390	3,035,745	344,917.32	0.60%
3500 -	Food & Beverage	4 / 4 / 4	268	289,670	1,592,100.79	2.76%
4500 -	Health Care	1/1/2	284	511,652	522,154.53	0.90%
2700 -	Industrial Goods & Services	5/3/5	922	433,591	1,700,189.42	2.95%
8500 -	Insurance	0/1/0	5	125	427.50	0.00%
5500 -	Media	1/0/1	38	58,802	8,645.03	0.01%
500 -	Oil & Gas	0/3/0	1,076	316,272	5,314,452.85	9.21%
3700 -	Personal & Household Goods	1/4/3	1,055	583,943	6,033,907.58	10.46%
8600 -	Real Estate	1 / 4 / 1	1,218	433,174	2,954,937.15	5.12%
5300 -	Retail	2/1/1	36	10,804	21,914.69	0.04%
9500 -	Technology	6/3/2	216	82,171	104,429.38	0.18%
6500 -	Telecommunications	0/1/0	538	911,086	8,976,560.83	15.56%
5700 -	Travel & Leisure	2/4/3	1,399	1,159,533	6,215,135.54	10.77%
7500 -	Utilities	1/3/2	2,563	1,209,448	4,919,411.00	8.53%

Top 10 best & worst performing Shares

		Mair	n M	larket		
With positive Price change	Closing price	change	١	With negative Price change	Closing price	change
IKTINOS HELLAS SA (CR)	4.85	16.87% ‡	# I	INTRALOT (CR)	0.43	-4.44% Œ
PAPERPACK (CR)	3.5	6.71% ‡	# /	ATTICA BANK S.A. (CR)	0.1134	-4.22% Œ
PIRAEUS BANK (CR)	0.803	5.94% ‡	# .	JUMBO SA (CR)	12.86	-4.03% Œ
KRETA FARM SA (CR)	0.748	5.06% #	# [EUROBANK ERGASIAS (CR)	0.483	-3.88% Œ
MARFIN INVESTMENT GROUP (CR)	0.0733	4.71% ‡	# [MOTOR OIL (CR)	20.3	-3.33% Œ
CENERGY HOLDINGS (CB)	1.26	3.96% ‡	# (GRIVALIA PROPERTIES (CR)	7.91	-2.94% Œ
ALPHA BANK (CR)	1.116	3.33% ‡	#	FOURLIS (CR)	4.03	-2.89% Œ
THRACE PLASTICS SA (CR)	1.87	3.03% #	# (OPAP (CR)	7.7	-2.53% Œ
ELVALHALCOR (CB)	1.255	2.87% ‡	# [LAMDA DEVELOPMENT SA (CR)	5.83	-2.51% Œ
NATIONAL BANK (CR)	1.049	1.84% ‡	#	HELLENIC PETROLEUM (CR)	7.48	-2.35% Œ
With the highest Transactions Value	Value (thou. €)	change	١	With the highest Transactions Volume	Volume	change
OTE (CR)	8,976.56	-1.50%	Œ	EUROBANK ERGASIAS (CR)	7,120,119	-3.88% Œ
OPAP (CR)	5,699.74	-2.53%	Œ	ALPHA BANK (CR)	4,419,845	3.33% #
ALPHA BANK (CR)	4,906.61	3.33%	#	PIRAEUS BANK (CR)	3,395,689	5.94% #
MOTOR OIL (CR)	4,653.13	-3.33%	Œ	NATIONAL BANK (CR)	3,324,082	1.84% #
JUMBO SA (CR)	4,568.75	-4.03%	Œ	MARFIN INVESTMENT GROUP (CR)	3,000,608	4.71% #
NATIONAL BANK (CR)	3,486.12	1.84%	#	ELLAKTOR (CR)	1,134,982	-0.74% Œ
EUROBANK ERGASIAS (CR)	3,460.91	-3.88%	Œ	OTE (CR)	911,086	-1.50% Œ
PIRAEUS BANK (CR)	2,577.73	5.94%	# (OPAP (CR)	737,349	-2.53% Œ
TERNA ENERGY (CR)	2,502.36	0.35%	# /	ATTICA BANK S.A. (CR)	561,286	-4.22% Œ
TITAN CEMENT (CR)	2,083.36	0.10%	# -	TERNA ENERGY (CR)	439,066	0.35% #

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	217	1,832	5,959
FTSE/Athex Large Cap	217	1,832	5,959
Stock Futures	3,131	96,300	388,202
ADMIE (IPTO) HOLDING S.A. (CR)	120	1,264	11,982
ALPHA BANK (CR)	231	5,912	32,453
ATTICA BANK S.A. (CR)	2	40	252
CC HBC AG (CR)	9	21	232
CENERGY HOLDINGS (CB)	37	318	4,746
ELLAKTOR (CR)	136	1,218	5,459
EUROBANK ERGASIAS (CR)	407	20,689	73,895
EYDAP S.A. (CR)	26	89	727
FOURLIS (CR)	37	142	213
GEK TERNA (CR)	61	681	6,667
GRIVALIA PROPERTIES (CR)	0	0	250
HELLENIC EXCHANGES-A.S.E. (CR)	25	141	919
HELLENIC PETROLEUM (CR)	56	152	2,392
INTRACOM HOLDINGS (CR)	27	1,143	2,643
INTRALOT (CR)	43	1,007	3,434
JUMBO SA (CR)	77	183	1,236
LAMDA DEVELOPMENT SA (CR)	107	459	1,988
MARFIN INVESTMENT GROUP (CR)	136	9,376	53,545
MOTOR OIL (CR)	81	266	433
MYTILINEOS HOLDINGS (CR)	118	832	10,902
NATIONAL BANK (CR)	356	34,747	116,646
OPAP (CR)	126	887	3,001
OTE (CR)	68	468	3,388
P.P.A. S.A. (CR)	38	191	530
PIRAEUS BANK (CR)	416	10,901	25,156
PPC (CR)	148	1,676	13,232
TERNA ENERGY (CR)	102	600	5,107
TITAN CEMENT (CR)	13	44	352
VIOHALCO SA/NV (CB)	128	2,853	6,422
Index Options	39	241	2,831
FTSE/Athex Large Cap	39	241	2,831
Stock Options	2	10	1,596
ALPHA BANK (CR)	0	0	150
NATIONAL BANK (CR)	0	0	660
OPAP (CR)	0	0	0
OTE (CR)	0	0	0
PIRAEUS BANK (CR)	0	0	670
PPC (CR)	2	10	116
Total Derivatives Traded	3,389	98,383	398,588

Section 2: Analytic Figures of Shares Transactions

Number of												Loot Did	Loot Ack [7]								
Number of Outstanding Securities Nominal Value		idends [1 2016	Date of Las 2017 Dividend [2]		Note	Shares	Closing price	% change	Previous closing price/date	Open price	Price Price Last min max price		Last Ask [7]	P/E after	Year	Volume	Trades	Transactions Value[8]	Company Mkt Value (thou. €)	Year Ye low hiç	ear Secto igh 4]
Main Market - I	High L	iquid	lity Class																		
1,543,699,381 0.300			07/04/2008	18/04/2017	7	ALPHA BANK (CR)	1.116	3.33 #	1.08 20/12/2018	1.08	1.074 1.116 1.116	1.11 5992@1.11	200@1.12			4,419,845	1,354	4,906,606.05	1,722,768.51	1.05	2.252 83
190,162,681				07/12/2016	5	CENERGY HOLDINGS (CB)	1.26	3.96 #	1.212 20/12/2018	1.212	1.212 1.278 1.26	1.258 568@1.26	1000@1.27			80,519	101	101,274.18	3 239,604.98	1.01	1.6 27
371,365,550 6.70	0.4	0.44	0.54 28/06/2018	29/04/2013	3	CC HBC AG (CR)	26.58	0.15 #	26.54 20/12/2018	26.41	26.36 27.07 26.58	26.75 12071@26.58	250@27.05			56,108	131	1,500,896.15	9,870,896.32	24.93	31.9 35
51,643,688 0.910			21/06/2010	24/07/2018	3	FOURLIS (CR)	4.03	-2.89 Œ	4.15 20/12/2018	4.075	4.03 4.18 4.03	4.081 617@4.03	392@4.09			50,020	301	204,127.06	208,124.06	4.03	6.26 37
101,260,000 2.13	0.3134	0.1902	0.3646 23/03/2018	08/01/2014	4	GRIVALIA PROPERTIES (CR)	7.91	-2.94 Œ	8.15 20/12/2018	8.04	7.88 8.09 7.91	7.954 1530@7.90	10837@7.96	35.27	2016	239,617	523	1,906,023.26	800,966.60	7.16	9.65 86
136,059,759 0.880		0.36	0.36 13/12/2018	05/03/2014	4	JUMBO SA (CR)	12.86	-4.03 Œ	13.4 20/12/2018	13.06	12.86 13.34 12.86	12.912 3122@12.86	750@13.16	21.22	2016	353,840	531	4,568,746.32	1,749,728.50	10.56	16.4 37
79,721,775 0.300			30/05/2007	23/06/2014	4	LAMDA DEVELOPMENT SA (CR)	5.83	-2.51 Œ	5.98 20/12/2018	5.85	5.8 5.92 5.83	5.844 60@5.82	98@5.91			173,300	625	1,012,776.41	464,777.95	5.58	7.52 86
939,510,748 0.300			26/04/2007	29/08/2014	4	MARFIN INVESTMENT GROUP (CR)	0.0733	4.71 #	0.07 20/12/2018	0.07	0.0684 0.074 0.0733	0.07 2000@0.072	4000@0.074			3,000,608	261	211,375.41	68,866.14	0.0610.	.1836 87
259,189,761				26/02/2016	6	VIOHALCO SA/NV (CB)	2.49	-0.60 Œ	2.505 20/12/2018	2.5	2.455 2.54 2.49	2.506 1000@2.49	2472@2.54			150,139	250	376,273.21	645,382.50	2.44	4 27
232,000,000 2.12			24/08/2018	19/06/2017	7	ADMIE (IPTO) HOLDING S.A. (CR)	1.596	7	1.596 20/12/2018	1.592	1.566 1.6 1.596	1.583 19045@1.59	6217@1.60	8.59	2017	105,467	238	166,954.79	370,272.00	1.518	2.28 75
71,417,100 0.650	0.7	0.4	0.55 22/05/2018	27/06/2014	4	AEGEAN AIRLINES (CR)	7.32	0.27 #	7.3 20/12/2018	7.3	7.2 7.38 7.32	7.319 75@7.28	12830@7.30			49,791	135	364,434.68	3 522,773.17	6.52	9.59 57
103,423,291 0.570			01/08/2011	19/04/2016	ó	GEK TERNA (CR)	4.1	-1.68 Œ	4.17 20/12/2018	4.08	4.08 4.17 4.1	4.116 33@4.09	2758@4.10			93,014	235	382,817.76	424,035.49	4.07	5.64 23
232,000,000 2.48			20/07/2015	12/12/2001	1	PPC (CR)	1.349	7	1.349 20/12/2018	1.324	1.323 1.385 1.349	1.367 850@1.34	1298@1.38			213,176	476	291,373.76	312,968.00	1.11	3.35 75
914,715,153 3.00			16/05/2008	29/08/2018	3	NATIONAL BANK (CR)	1.049	1.84 #	1.03 20/12/2018	1.022	1.022 1.08 1.049	1.049 30914@1.05	1200@1.07			3,324,082	1,485	3,486,118.79	959,536.20	0.92	3.55 83
177,001,313 1.03			05/07/2011	20/12/2007	7	ELLAKTOR (CR)	1.338	-0.74 Œ	1.348 20/12/2018	1.336	1.306 1.366 1.338	1.337 9900@1.32	103645@1.34			1,134,982	417	1,517,080.50	236,827.76	1.104	2.155 23
60,348,000 0.690	0.1026	0.065	0.0502 05/06/2018	06/08/2018	3	HELLENIC EXCHANGES-A.S.E. (CR)	3.71	-1.85 Œ	3.78 20/12/2018	3.78	3.71 3.83 3.71	3.748 75@3.65	226@3.71			35,037	127	131,321.91	223,891.08	3.51	5.87 87
305,635,185 2.18			0.4 10/12/2018	01/10/2003	3	HELLENIC PETROLEUM (CR)	7.48	-2.35 Œ	7.66 20/12/2018	7.57	7.43 7.68 7.48	7.504 1176@7.48	8@7.50			88,099	469	661,058.65	2,286,151.18	6.6	8.88 5
106,500,000 0.600	0.31	0.11	0.2 22/06/2018	28/01/2000)	EYDAP S.A. (CR)	4.82	-1.63 Œ	4.9 20/12/2018	4.87	4.775 4.87 4.82	4.814 10348@4.82	500@4.88			384,909	937	1,853,084.22	513,330.00	4.775	6.97 75
156,961,721 0.300			30/05/2013	14/11/2007	7	INTRALOT (CR)	0.43	-4.44 Œ	0.45 20/12/2018	0.44	0.411 0.446 0.43	0.431147833@0.430	5000@0.437			331,599	357	142,918.59	67,493.54	0.376	1.512 57
110,782,980 0.750	0.65	0.9	1.3 10/12/2018	04/11/2013	3	MOTOR OIL (CR)	20.3	-3.33 Œ	21 20/12/2018	20.85	20.3 21.1 20.3	20.412 3909@20.25	2024@20.55			227,958	605	4,653,125.00	2,248,894.49	16.88	23.9 5
142,891,161 0.970			0.32 11/06/2018	07/07/2017	7	MYTILINEOS HOLDINGS (CR)	7.51	-1.05 Œ	7.59 20/12/2018	7.61	7.51 7.63 7.51	7.568 4898@7.51	100@7.58			135,997	400	1,029,175.74	1,073,112.62	6.59	10.76 27
25,000,000 2.00	0.1114	0.0892	0.1712 19/07/2018	08/08/2003	3	P.P.A. S.A. (CR)	15	0.54 #	14.92 20/12/2018	14.68	14.68 15.2 15	14.96 30@14.82	581@14.90	33.22	2017	3,070	68	45,927.78	375,000.00	14.52	17.7 27
319,000,000 0.300	0.7	0.72	0.4 12/10/2018	25/04/2001	1	OPAP (CR)	7.7	-2.53 Œ	7.9 20/12/2018	7.85	7.7 7.9 7.7	7.73 504@7.70	14802@7.80			737,349	868	5,699,743.51	2,456,300.00	7.64	11.15 57
490,150,389 2.83	0.1	0.16	0.3529 28/06/2018	18/06/1998	3	OTE (CR)	9.85	-1.50 Œ	10 20/12/2018	10	9.83 10 9.85	9.853 50@9.85	21565@9.86			911,086	538	8,976,560.83	4,827,981.33	9.39	12.81 65
436,659,164 6.00			16/05/2008	31/07/2017	7	PIRAEUS BANK (CR)	0.803	5.94 #	0.758 20/12/2018	0.75	0.723 0.803 0.803	0.759 4574@0.801	2000@0.807			3,395,689	2,000	2,577,730.53	350,637.31	0.723	3.934 83
69,877,484 0.780	(0.08) (0).0875)	(0.14) 24/05/2018	13/06/2018	3	GR. SARANTIS S.A. (CR)	7.44	-0.80 Œ	7.5 20/12/2018	7.24	7.12 7.44 7.44	7.407 38604@7.42	2742@7.44			167,732	148	1,242,368.46	5 519,888.48	6.325	8.275 37
113,918,936 0.300	0.0935	0.0939	0.0419 10/01/2018	02/07/2018	3	TERNA ENERGY (CR)	5.77	0.35 #	5.75 20/12/2018	5.7	5.57 5.77 5.77	5.699 346@5.76	37175@5.77			439,066	792	2,502,363.68	657,312.26	4.4	6.54 75
77,063,568 3.45	0.3099	0.1049	0.0527 25/06/2018	26/06/2018	3	TITAN CEMENT (CR)	19.36	0.10 #	19.34 20/12/2018	19.7	19.36 19.7 19.36	19.4 1836@19.36	2750@19.60			107,391	239	2,083,355.48	3 1,631,976.44	18.22	25.35 23
2,185,998,765 0.300			02/05/2008	27/11/2015	5	EUROBANK ERGASIAS (CR)	0.483	-3.88 Œ	0.503 20/12/2018	0.4956	0.483 0.5 0.483	0.48633427@0.483	10@0.489			7,120,119	1,742	3,460,906.78	3 1,055,837.40	0.44	1.058 83
Main Market - N	Mediu	m Lic	juidity Class	S																	
13,126,020 0.560			08/07/2010	07/09/2018	3	AS COMPANY SA (CR)	2.58	0.78 #	2.56 20/12/2018	2.6	2.52 2.6 2.58	2.566 250@2.50	222@2.58			7,611	26	19,532.52	33,865.13	1.58	2.7 53
461,254,013 0.300			04/06/2008	30/04/2018	3	ATTICA BANK S.A. (CR)	0.1134	-4.22 Œ	0.118 20/12/2018	0.117	0.1068 0.117 0.1134	0.111 1000@0.112	3000@0.114			561,286	299	62,209.27	52,306.21	0.10680	.5071 83
12,213,750 0.320	0.85	0.85	1.1 17/05/2018	22/11/2013	3	AUTOHELLAS SA (CR)	22.4	-0.88 Œ	22.6 20/12/2018	22.4	22.4 22.4 22.4	22.4 50@22.20	686@23.00			123	5	2,755.20	273,588.00	20.4	26 57
11,921,531 2.33			0.035 24/04/2018	31/07/2017	7	BRIQ PROPERTIES (CR)	2.04	¬	2.04 20/12/2018			70@2.06	2000@2.12	10.85	2017				24,319.92	1.72	2.15 86
101,123,806 0.360			22/07/2010	28/06/2011	1	CENTRIC HOLDINGS (CR)	0.127	4.53 #	0.122 20/12/2018	0.125	0.125 0.137 0.127	0.132 400@0.127	2890@0.134			20,413	18	2,688.28	3 12,842.72	0.1	0.209 57
784,500 10.00				31/07/2018	3	CNL CAPITAL (CR)	9.7	7	9.7 20/12/2018			200@9.55	230@9.70						7,609.65	9.4	10.44 87
9.907.500 0.300			06/10/2005	13/02/2002	2	CPI SA (CR)	0.19	7	0.19 20/12/2018			1500@0.180	20@0.202		2018				- 1,882.43	0.122	0.36 95

Year: 139 Trading Day No: 246

Friday, 21 December, 2018

Section 2. Analyt		00 0. 0	naroo ma	nouotioni																		uu j ,	i December,	720.0
Number of Outstanding Securities Nomir Valu		Dividend 2016	s [1]	Date of Last vidend [2]	t Coupon Right	Note	Shares	Closing price	% change	Previous price		Open price		ice Last A nax price pr		Last Ask [7]	P/E after	Year	Volume	rades	Transactions Value[8]	Company Mkt Value (thou. €)	Year Year low high	Sector[4]
11,720,024 0.54	0 -			21/08/2014	01/08/2018		FLEXOPACK SA (CR)	6.9	7	6.9 2	0/12/2018				800@6.70	574@7.15						- 80,868.17	5.35 7.	.5 2723
10,500,000 4.00	0 -	- 0.2	8 0.31	05/06/2018	02/08/2016		INTERCONTINENTAL (CR)	5.5	¬	5.5 2	0/12/2018	5.5	5.45	5.5 5.5	5.498 1000@5.35	43@5.50	9.24	2016	2,267	8	12,463.00	57,750.00	4.7 6.	.1 8674
76,000,000 1.00	0 -		(03/07/2007	17/09/2018		INTRACOM HOLDINGS (CR)	0.657	-1.94 Œ	0.67 2	0/12/2018	0.679	0.641 0	.679 0.657	0.651 411@0.650	1000@0.658			50,902	123	33,152.60	49,932.00	0.6411.720)3 9578
30,477,156 0.30	- 0			12/08/2008	17/10/2017		INTRACOM CONSTR. (CR)	1.02	-0.49 Œ	1.025 2	0/12/2018	1.015	0.99	1.02 1.02	1.003 5@1.02	1450@1.02			4,131	15	4,145.3	31,086.70	0.88 1.	.6 2357
77,654,850 0.30	- 0		(01/07/2011	21/02/2003		J & P - AVAX SA (CR)	0.3795	-0.13 Œ	0.38 2	0/12/2018	0.38	0.374	0.38 0.379	0.377 50@0.361	1000@0.380			2,000	10	754.10	5 29,470.02	0.3125 1.0)5 2357
468,700		1 0.7	3 0.73	24/08/2017	21/05/2004		MERMEREN KOMB. A.D. PR. (GDR)	53.6	2.68 #	52.2 2	0/12/2018	54	53.2	54 53.4	53.671 5@48.20	4@53.40	2.37	2017	17	3	912.40	25,122.32	14.8 67.	.6 1775
10,500,000 0.95	0 -		:	24/06/2008	30/06/2017		MEVACO SA (CR)	0.96	0.52 #	0.955 2	0/12/2018	0.93	0.93	0.96 0.96	0.955 3000@0.930	300@0.960		2017	1,800	6	1,718.9	10,080.00	0.91 1.1	5 2757
12,417,000 0.31	0 -		:	28/07/2008	28/08/2017		MLS MULTIMEDIA SA (CR)	4.7	-1.26 Œ	4.76 2	0/12/2018	4.74	4.68	4.78 4.7	4.692 100@4.64	9530@4.70	31.92	2017	13,590	34	63,760.0	58,359.90	3.99 4.8	36 9537
11,812,193 0.47	0 -		:	29/05/2018	15/11/2006		PROFILE SA (CR)	1.2	2.13 #	1.175 2	0/12/2018	1.18	1.16	1.2 1.2	1.186 664@1.16	221@1.20			1,984	13	2,352.9	3 14,174.63	0.7 1.62	25 9533
27,345,120 0.47	0 -			18/07/2005	26/02/2014		QUALITY & RELIABILITY SA (CR)	0.209	-3.69 Œ	0.217 2	0/12/2018	0.212	0.204 0	.212 0.209	0.207 1@0.209	10500@0.212			13,533	23	2,801.2	5,715.13	0.181 0.36	5 9533
11,913,632 0.30	- 0		(05/09/2008	14/12/2018		QUEST HOLDINGS (CR)	13.85	0.73 #	13.75 2	0/12/2018	13.85	13.85 1	3.85 13.85	13.85 100@13.55	185@13.85			3	2	41.5	165,003.80	9.3 14.	.8 9533
3,125,463 0.30	- 0	-		16/11/1992	07/02/2017		UNIBIOS (CR)	0.332	7	0.332 2	0/12/2018				100@0.290	4284@0.330						1,037.65	0.255 0.8	32 2353
22,016,250 0.37	0 -			15/07/2009	11/05/2000		ALUMIL (CR)	0.1945	0.78 #	0.193 2	0/12/2018	0.194	0.194 0	.195 0.195	0.195 3500@0.178	649@0.195			2,100	6	408.50	4,282.16	0.1305 0.46	2 1753
24,060,000 0.30	0.0	1 0.0	1 0.01	02/07/2018	02/07/2018		GEN. COMMERCIAL & IND.SA (CR)	0.625	-1.58 Œ	0.635 2	0/12/2018	0.6	0.6	0.64 0.625	0.608 1506@0.605	230@0.625			6,154	26	3,743.5	2 15,037.50	0.49 0.7	16 2797
13,673,200 0.88	- 0			18/07/2008	26/07/2001		EVROFARMA SA (CR)	0.635	7.63 #	0.59 2	0/12/2018	0.56	0.56 0	.635 0.635	0.598 1000@0.570	8347@0.635			40	7	23.90	8,682.48	0.324 0.7	2 3577
27,848,000 0.30	0.008	4	- 0.0034	20/08/2018	02/09/2003		NEWSPHONE HELLAS SA (CR)	0.35	7	0.35 2	0/12/2018				3645@0.322	600@0.348						9,746.80	0.23 0.45	8 2791
11,250,000 0.52	0.0	4 0.0	4 :	24/07/2017	09/11/2015		EKTER SA (CR)	1.23	1.65 #	1.21 2	0/12/2018	1.21	1.2	1.24 1.23	1.209 500@1.22	10@1.23			13,063	32	15,789.7		0.63 1.3	37 2357
82,667,000 0.30	- 0				22/07/2014		ELTECH ANEMOS S.A. (CR)	1.52	-0.65 Œ	1.53 2	0/12/2018	1.52	1.5	1.54 1.52	1.51 1500@1.51	1000@1.53			65,105	97	98,288.80	125,653.84	1.5 2.1	12 7537
18,410,839 1.00	0 -		(07/07/2009	10/09/2010		ELASTRON (CR)	1.12	1.36 #	1.105 2	0/12/2018	1.105	1.1	1.14 1.12	1.102 100@1.11	350@1.12	-(6)-	2017	3,276	11	3,610.0	20,620.14	1.06 1.7	4 1757
375,241,586 0.39	0 -		:	26/06/2008	14/07/2006		ELVALHALCOR (CB)	1.255	2.87 #	1.22 2	0/12/2018	1.25	1.205	1.26 1.255	1.235 500@1.23	650@1.25			76,450	140	94,391.3	470,928.19	1.1 2.	1.1 1755
19,864,886 5.60	0.67	2 0.67	2 0.672	08/03/2018	02/07/2008		BANK OF GREECE (CR)	12.25	-0.81 Œ	12.35 2	0/12/2018	12.55	12.25	12.6 12.25	12.337 350@12.20	337@12.25			2,264	48	27,930.30		11.9 19.	.2 8355
36,300,000 1.12	2 0.2	5 0.22	8 0.221	28/06/2018	12/12/2007		THESSALONIKA WATER & SEWERAC	GE 4.26	-0.93 Œ	4.3 2	0/12/2018	4.3	4.25	4.3 4.25	4.258 10100@4.25	1874@4.30			1,725	23	7,345.7	5 154,638.00	4 5.2	22 7577
122,156,754 0.44	0 -		:	24/11/2014	28/03/2018		IASO SA (CR)	1.165	1.30 #	1.15 2	0/12/2018	1.15	1.15 1	.195 1.165	1.173 4295@1.16	2221@1.18			160,700	229	188,446.8	1 142,312.62	0.65 1.20)5 4533
28,580,100 0.40	0 -		- 0.22	01/10/2018	04/07/2016		IKTINOS HELLAS SA (CR)	4.85	16.87 #	4.15 2	0/12/2018	4.15	4.15	4.85 4.85	4.399 1@4.52	535@4.85			44,759	269	196,877.88	3 138,613.49	2.18 6.5	6 2353
8,226,132 0.90	- 10			15/05/2009	13/10/2014		ILYDA S.A. (CR)	0.216	7	0.216 2	0/12/2018				500@0.183	500@0.216	6.81	2016				.,	0.164 0.26	
11,233,200 0.73	0 -			12/07/2010	30/07/1999		INTERTECH SA (CR)	0.25	8.70 #	0.23 2	0/12/2018	0.23	0.216	0.25 0.25	0.237 400@0.216	48@0.250		2017	430	8	102.10	2,808.30	0.185 0.5	j4 9 572
19,804,134 0.30	- 0		(01/07/2004	06/11/2017		KEKROPS SA (CR)	1.35	-2.17 Œ	1.38 2	0/12/2018	1.39		1.42 1.35	1.35 73@1.33	910@1.38		2017	16,228	54	21,900.7		0.72 1.8	
33,065,136 0.38	0.0	6 0.0	9 0.115	23/08/2018	16/09/2013		KRI-KRI S.A. (CR)	4.37	7	4.37 2	0/12/2018	4.39	4.33	4.39 4.37	4.365 100@4.32	40@4.38	19.69	2017	260	5	1,134.9	144,494.64	3 4.	.9 3577
7,595,160 0.60	- 0		- 0.0263	04/09/2018	18/08/2010		KIRIAKOULIS SHIPPING SA (CR)	0.965	7	0.965 2	0/12/2018	0.965	0.965 0	.965 0.965	0.965 98@0.965	1060@1.00			2	1	1.93		0.62 1.6	
9,819,370 0.69					09/01/2004		MATHIOS REFRACTORY SA (CR)	0.19			0/12/2018				1500@0.184	500@0.230							0.148 0.36	
294,016,812 0.30			(08/07/2008	21/03/2016		NIREFS SA (CR)	0.16	_			0.1592	0.1592 0	.164 0.16	0.16 7000@0.159	2000@0.160			53,966	18	8,650.10		0.118 0.33	
25,118,410 0.61				17/08/2000	10/09/2018		PAPOUTSANIS (CR)	0.98			0/12/2018	0.98	0.954	1 0.98	0.975 1250@0.972	690@0.980		2017	4,071	20	3,967.60		0.504 1.0	
17,240,776 0.37					30/09/2003		PERSEUS SA (CR)	0.995			0/12/2018	0.995		.995 0.995	0.995 600@0.890	860@0.995	9.29	2017	10	1	9.9		0.33 1.1	
22,075,665 0.33		8 0.0			27/04/2015		PLAISIO COMPUTERS SA (CR)	3.83			0/12/2018	3.87		3.88 3.83	3.819 100@3.79	20@3.87			339	6	1,294.6		3.66 4.7	
43,741,452 0.66					01/11/1999		THRACE PLASTICS SA (CR)	1.87		1.815 2		1.86	1.83	2 1.87	1.882 200@1.87	500@1.94			41,006	176	77,156.9		1.805 2.9	
245,497,164 0.30					30/07/2012		* *	0.0398	0.50 #		0/12/2018			0402 0.039	0.04 5000@0.039	10000@0.040			76,800	14	3,049.72		0.036 0.2	
40,693,350 5.00					26/05/2015			1.43			0/12/2018	1.395	1.34	1.46 1.43	1.403 275@1.40	250@1.44			6,492	40	9,105.9		1.16 2.5	
1,524,000 0.30					06/02/2013		GIRAKIAN PROFIL SA (CB)	1.3			0/12/2018					300@1.35	4.23	2017				, , ,		2 1757
7,568,960 3.45	5 0.309	9 0.104	9 0.0527	25/06/2018	26/06/2018		TITAN CEMENT CO. (PR)	18.5	-0.27 Œ	18.55 2	0/12/2018	18.55	18.25 1	8.55 18.55	18.508 250@18.40	76@18.55			3,976	12	73,589.1	1,631,976.44	15.1 2	0 2353

Year: 139 Trading Day No: 246 Friday, 21 December, 2018

Number of Outstanding Securities Nominal Value		idends [1] 2016 2	Date of Last Coupon 2017 Dividend [2] Right N	ote	Shares	Closing price	% change		us closing ce/date	Open price		Price Last max price	Last Bid [7]	Last Ask [7]	P/E after	Year	Volume	Trades	Transactions Value[8]	Company Mkt Value (thou. €)	Year Year low high	
305,732,436 0.410			08/07/2009 28/09/2011		HYGEIA SA (CR)	0.95	¬	0.95	20/12/2018	0.95	0.95	0.95 0.95	0.959104593@0.950	12690@0.953			296,205	38	281,394.75	290,445.81	0.558 0.9	988 453
10,203,575 0.730			16/07/2007 18/10/1999		FIERATEX SA (CR)	0.174		0.174	20/12/2018				2000@0.141	567@0.226		2017				1,775.42	0.126 0.3	318 376
8,340,750 1.16			25/06/2009 17/09/2018		HAIDEMENOS SA (CR)	0.66	29.41 #	0.51	20/12/2018	0.462	0.462	0.66 0.66	0.478 500@0.492	599@0.660		2017	12	2	5.74	5,504.90	0.312	0.7 279
Main Market - I	Low L	iquidi	ty Class																			
14,000,000 4.15			23/04/2010 29/06/1999		ALPHA REAL ESTATE SA(CR)	6.4	0.79 #	6.35	20/12/2018	6.9	6.35	6.9 6.7	6.409 42@6.20	385@6.65			69	4	442.20	89,600.00	5.7	7.5 863
215,805,843 0.300			20/07/2009 29/12/2010		ATTICA HOLDINGS (CR)	1.15		1.15	20/12/2018	1.13	1.13	1.14 1.14	1.137 730@1.13	100@1.14			420	6	477.60	248,176.72	1.11.79	962 5759
102,847,472 0.300			01/07/2008 01/03/2010		AUDIO VISUAL ENTERPRISES (CR)	0.151	9.42 #	0.138	20/12/2018	0.138	0.138	0.151 0.151	0.15 5000@0.151				57,302	37	8,597.03	15,529.97	0.087 0.1	169 555
15,816,009 0.300			01/07/2009 17/07/2000		BYTE COMPUTER SA (CR)	0.5		0.5	20/12/2018				100@0.490	100@0.505						7,908.00	0.45 0.7	705 953 3
52,800,154 0.300			20/08/2014 21/06/2004		F.G. EUROPE S.A. (CR)	0.39	7	0.39	20/12/2018				50@0.384							20,592.06	0.294 0.	.77 372
20,578,374 0.620	0.07	0.07	0.1 08/06/2018 18/05/2015		INFORM P. LYKOS SA (CR)	0.754		0.754	20/12/2018	0.806	0.806	0.808 0.808	0.807 50@0.808	50@0.808			100	2	80.70	15,516.09	0.66 0.9	998 279
4,740,000 0.860			14/03/2003		LOGISMOS S.A. (CR)	0.39		0.39	20/12/2018	0.352	0.352	0.352 0.352	0.352 2500@0.360	7@0.400	45.76	2017	10	1	3.52	1,848.60	0.318 0.	.48 953
6,200,000 0.500			22/06/2010 01/11/1995		MINERVA KNITWEAR SA (CB)	0.176		0.176	20/12/2018					2580@0.193						1,091.20	0.144 0.4	132 376
22,996,875 1.25			24/06/2011 02/02/2016		NEXANS HELLAS SA (CR)	1.61		1.61	20/12/2018				214805@1.61	500@1.65		2017				37,024.97	1.13 1.	.82 2733
3,953,090 0.300	0.11	0.2	0.16 30/08/2018 05/12/2012		PAPERPACK (CR)	3.5	6.71 #	3.28	20/12/2018	3.28	3.26	3.5 3.5	3.419 400@3.28	3952@3.46	9.92	2017	40,151	45	137,257.18	13,835.82	2.2	3.7 2723
57,434,884 1.31			05/06/2008 12/06/2009		REDS S.A. (CR)	0.785	-1.88 0	8.0 E	20/12/2018	0.81	0.785	0.81 0.785	0.786 7@0.785	500@0.800			1,693	4	1,331.51	45,086.38	0.685 1.	.05 863
6,456,530 1.08			04/07/2018 02/08/2010		SPACE HELLAS SA (CR)	5.15	0.98 #	5.1	20/12/2018	5.15	5.15	5.15 5.15	5.15 500@4.86	119@5.15			31	2	159.65	33,251.13	3.6 7.	.25 957 8
80,690,653 0.500			25/04/2014 22/12/2016		TRASTOR REAL EST. INV. CO.(CR)	0.79		0.79	20/12/2018				289@0.770	910@0.800	-(6)-	2017				63,745.62	0.685	0.9 867
417,608 16.00			0.75 05/04/2018 05/03/2013		ANDROMEDA SA (CR)	22.2	8.82 #	20.4	20/12/2018	22.2	22.2	22.2 22.2	22.2 4@21.00	5@22.00	4.41	2017	100	2	2,220.00	9,270.90	18 23	23.6 898 !
15,300,000 0.300			30/07/2009 13/12/1999		ATTICA PUBLICATIONS SA (CR)	0.505	¬	0.505	20/12/2018					220@0.555						7,726.50	0.45 0.	0.66 555
18,810,000 0.400			08/07/2010 14/11/2007		VARVERIS - MODA BAGNO SA (CR)	0.49		0.49	20/12/2018					8115@0.442						9,216.90	0.442 0.	.49 2353
23,986,500 1.05			26/06/2009 15/03/2000		BIOKARPET S.A.(CR)	0.54		0.54	20/12/2018					300@0.535						12,952.71	0.296 0.7	/05 372
4,968,600 2.88			01/07/1998 14/12/1998		VIS SA (CR)	1.02		1.02	20/12/2018				300@0.920	1000@1.12		2017				5,067.97	0.72 1.	.03 2723
6,325,000 0.600		0.11	0.15 03/07/2018 17/02/2014		VOGIATZOGLOU SYSTEMS SA (CR)	2.06	¬	2.06	20/12/2018											13,029.50	1.36 2.	2.32 279
8,418,750 0.300	0.12	0.3	0.28 19/06/2018 27/06/2012		GEKE SA (CB)	4.72		4.72	20/12/2018				40@4.72	50@4.98	15.83	2017				39,736.50	4.38	5.9 5753
15,000,000 0.300			06/07/2007 18/07/2000		DAIOS PLASTICS SA (CR)	2.76	¬	2.76	20/12/2018				200@2.70							41,400.00	2.52 2.	2.88 135
34,720,000 0.310			16/06/2010 01/08/2007		DROMEAS SA (CR)	0.21	¬	0.21	20/12/2018	0.21	0.197	0.21 0.21	0.21 97@0.197	5060@0.210			143	7	29.99	7,291.20	0.18 0.3	352 372
255,494,534 3.00	0.2035	0.2	0.22 20/12/2018 23/12/2015		NBG PANGAEA (CR)	4.72		4.72	20/12/2018				25@4.40							1,205,934.20	4.26 5.	5.25 867
3,307,500 0.460			11/08/2010 04/12/2018		ELVE SA (CR)	3.2		3.2	20/12/2018				50@3.10	270@3.38						10,584.00	2.48 3	3.6 3763
31,734,530 1.60			09/07/2007 19/07/2006		ELGEKA SA (CR)	0.139	¬	0.139	20/12/2018	0.126	0.126	0.126 0.126	0.126 461@0.131				20	1	2.52	4,411.10	0.126 0.2	264 357
23,828,130 0.500	0.16	0.052	0.06 18/07/2018 17/02/2009		ELINOIL S.A. (CR)	1.25	-2.34 0	1.28	20/12/2018	1.28	1.25	1.28 1.25	1.252 800@1.25	185@1.28			215	2	269.20	29,785.16	1.21 1.	.95 53
26,730,187 0.520			0.04 09/07/2018 01/08/2017		ELTON SA (CR)	1.235	6.01 #	1.165	20/12/2018	1.165	1.165	1.245 1.235	1.208 150@1.21	150@1.28	15.91	2017	1,250	10	1,509.75	33,011.78	1.09 1.	.71 1353
14,050,971 0.340			13/12/2017 21/02/2018		ELTRAK SA (CR)	2.22		2.22	20/12/2018	2.2	2.2	2.38 2.38	2.29 50@2.24	245@2.38			10	2	22.90	31,193.16	1.96 3.	3.82 275
27,503,677 0.630	0.06	0.1	0.12 30/05/2018 18/10/1999		EUROPEAN RELIANCE INSUR. (CR)	3.42	-2.29 0	3.5	20/12/2018	3.4	3.4	3.5 3.5	3.42 5@3.50	3071@3.50			125	5	427.50	94,062.58	3.26 4.	1.05 8536
86,735,980 0.310			06/07/2009 02/01/2002		ATHENS MEDICAL CENTER SA (CR)	0.98	-0.51 (0.985	20/12/2018	0.995	0.97	0.995 0.98	0.98 1500@0.975	195@0.990			53,197	14	52,123.84	85,001.26	0.96 1.	.62 4533
8,298,467 0.400			30/08/1993 08/05/2013		IDEAL GROUP SA (CR)	0.83	9.93 #	0.755	20/12/2018	0.83	0.77	0.83 0.77	0.83 196@0.770				849	3	704.43	6,887.73	0.675 0.9	957
2,566,836 0.440			13/08/2010 09/01/2007		INTERWOOD-XYLEMPORIA (PR)	0.0725	7	0.073	20/12/2018				12448@0.073							2,967.52	0.060.07	725 235
34,986,430 0.440			25/07/2008 23/02/2010		INTERWOOD-XYLEMPORIA (CR)	0.0795		0.08	20/12/2018				2000@0.073	4000@0.087						2,967.52	0.0725 0.1	148 2353
7,500,000 0.330			19/06/2015 11/07/2018		S.KANAKIS SA (CR)	3.54	-2.21 (3.62	20/12/2018	3.6	3.54	3.6 3.54	3.573 20@3.52	200@3.60	12.08	2017	184	2	657.36	26,550.00	3.16	4.2 357

Daily Official List Year: 139 Trading Day No: 246 Friday, 21 December, 2018

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Number of Outstanding Securities Nominal Value		/idends 2016	1] Dat 2017 Divid	e of Last C lend [2]	Coupon Right No	ote	Shares	Closing price	% change		s closing e/date	Open price		ce Last Avo ax price pric	' [7]	Last Ask [7]	P/E after	Year	Volume	ades T		Company Mkt Value (thou. €)	Year Year low high	
9,742,920 0.400	0.01		12/	/08/2016 1	4/07/2000		KARAMOLEGOS SA (CR)	1.7	7	1.7 2	20/12/2018					7379@1.53						16,562.96	1.53 2	2.46 3577
14,679,792 1.68		0.07	28/	/06/2017 0	14/09/2000		KARATZIS SA (CR)	6	¬	6 2	20/12/2018	5.9	5.9	6 6	5.966 900@6.00	70@6.25			176	3	1,050.00	88,078.75	5.2 7	7.95 2723
2,760,000 11.83	8.5	9.2	9.2 23/	/07/2018 1	6/07/1990		KARELIA TOBACCO CO. SA (CB)	240	¬	240 2	20/12/2018	240	240	240 240	240 10@238.00	27@240.00			23	5	5,520.00	662,400.00	240 3	306 3785
6,700,000 0.800	0.023	0.028	0.028 28/	/06/2018 2	9/05/2014		MILLS KEPENOS (CR)	1.3	¬	1.3 2	20/12/2018				300@1.26		28.10	2017				8,710.00	1.17	2 3577
40,219,218 0.300			02/	/07/2018 0	9/07/2013		KLOUKINAS - LAPPAS SA (CR)	0.534	-0.74 Œ	0.538 2	20/12/2018	0.54	0.53 0.	546 0.534	0.537 80@0.532	50@0.536			4,939	29	2,650.20	21,477.06	0.512 0.8	842 2357
11,510,102 0.890			24/	/06/2005 0	06/10/1999		NAFPAKTOS TEXTILE IND. SA (CB)	0.505	7	0.505 2	20/12/2018				150@0.500	500@0.550						5,812.60	0.31 0.6	665 3763
21,224,340 0.420		0.01	0.005 10/	/09/2018 2	25/04/2006		KORDELLOS BROS SA (CR)	0.3	¬	0.3 2	20/12/2018				1000@0.300	150@0.328	31.57	2017				6,367.30	0.286 0.5	555 1757
31,543,600 0.420			19/	/07/2010 1	9/12/2018		KRETA FARM SA (CR)	0.748	5.06 #	0.712 2	20/12/2018	0.75	0.71 0.	764 0.71	0.752 1000@0.662	990@0.710			101,700	82	76,504.89	23,594.61	0.414 0).84 3577
18,017,472 0.360			15/	/06/2010 2	8/08/2017		KTIMA KOSTAS LAZARIDIS SA (CR)	0.795	¬	0.795 2	20/12/2018					478@0.795						14,323.89	0.5	0.8 3535
21,364,000 1.12			0.2 28/	/06/2018 1	0/08/2005		LAMPSA HOTEL SA (CR)	18.2	¬	18.2 2	20/12/2018				200@18.20	200@18.70						388,824.80	16.5	19 5753
5,939,268 0.620			10/	/07/2003 0	3/01/2002		LANAKAM SA (CR)	0.33	¬	0.33 2	20/12/2018					600@0.348		2017				1,959.96	0.228 0	0.57 3763
8,321,682 0.670			17/	/08/2007 2	3/11/1999		N. LEVEDERIS SA (CB)	0.149	¬	0.149 2	20/12/2018							2017				1,702.28	0.125 0.2	208 1757
2,160,524 0.670	0.0436	0.0436	0.0436 03/	/12/2018 2	3/11/1999		N. LEVEDERIS SA (PB)	0.214	-8.55 Œ	0.234 2	20/12/2018	0.214	0.214 0.	214 0.214	0.214 6180@0.214	3500@0.250		2017	2,820	1	603.48	1,702.28	0.182	0.3 1757
17,120,280 0.940			01/	/06/2010 0	19/07/2018		LOULIS MILLS SA (CR)	2.06	-1.91 Œ	2.1 2	20/12/2018	2.26	2.06	2.26 2.06	2.078 10000@2.02	10@2.12			556	5	1,155.56	35,267.78	1.9 2	2.56 3577
106,980,050 2.25			25/	/07/2008 2	4/02/2014		MINOAN LINES SA (CR)	2.4	¬	2.4 2	20/12/2018	2.4	2.4	2.4 2.4	2.4 3563@2.40				437	4	1,048.80	256,752.12	2.24 2	2.64 5759
11,700,000 0.360			02/	/06/2009 0	14/07/2018		MOTODYNAMICS S.A. (CR)	0.73	-7.59 Œ	0.79 2	20/12/2018	0.79	0.73	0.79 0.73	0.75 400@0.730	250@0.780			2,597	7	1,948.00	8,541.00	0.61	1.2 5379
32,188,050 1.04			21/	/07/2008 2	20/01/2000		EL. D. MOUZAKIS SA (CB)	0.34	¬	0.34 2	20/12/2018					1000@0.336						10,943.94	0.258 0.4	446 3763
6,340,000 0.600			31/	/10/2018 3	30/11/2018		NAKAS MUSIC	1.6	5.26 #	1.52 2	20/12/2018	1.6	1.6	1.6 1.6	1.6 1121@1.60		13.48	2017	187	2	299.20	10,144.00	1.15 1.	1.85 5379
3,873,120 0.300			07/	/07/2008 0	04/10/2012		DRUCKFARBEN HELLAS (CR)	1.4	¬	1.4 2	20/12/2018	1.4	1.4	1.4 1.4	1.4270383@1.40	1275@1.45			8,975	6	12,565.00	5,422.37	0.83 1	1.42 1357
10,080,000 3.00	0.58	0.49	0.45 05/	/07/2018 2	27/08/2001		TPA SA (CR)	26	7	26 2	20/12/2018				15@25.30	45@26.40	36.18	2017				262,080.00	22.8 3	31.4 2777
4,971,466 1.46			04/	/07/2007 0	8/10/2003		PAIRIS SA (CR)	0.18	¬	0.18 2	20/12/2018				1000@0.164							894.86	0.085 0.4	446 2723
7,070,400 0.930			30/	/11/2016 0	06/05/2016		PETROPOULOS PETROS (CR)	6.64	¬	6.64 2	20/12/2018	6.6	6.6	5.64 6.64	6.604 50@6.46	40@6.64			301	3	1,987.80	46,947.46	5.02 6	5.68 2753
27,379,200 0.300	(0.1808)		0.148 20/	/07/2018 2	4/08/2018		CRETE PLASTICS SA (CR)	12.9	4.03 #	12.4 2	20/12/2018	12.9	12.3	13 12.3	12.933 150@11.50	100@12.20			311	3	4,022.30	353,191.68	9.05 1	15.2 1357
21,912,599 0.300			11/	/04/2011 2	23/02/2007		REVOIL (CR)	0.42	¬	0.42 2	20/12/2018				3000@0.394	1000@0.460						9,203.29	0.384 0	0.69 5379
4,181,450 0.500			21/	/08/2000 0	05/03/2002		FLOUR MILLS SARANTOPOULOS SA	0.625	¬	0.625 2	20/12/2018	0.685	0.685 0.	685 0.685	0.685 500@0.565	614@0.685			20	1	13.70	2,613.41	0.515	0.7 3577
28,438,268 0.300			21/	/08/2006 2	4/11/1999		SPIROY AGRICULTURE SA (CR)	0.21	7	0.21 2	20/12/2018				1000@0.200	500@0.228						5,972.04	0.159 0.3	384 1357
Exchange Tra	ded F	unds	(ETFs)																					
642,382				1	5/06/2016		ALPHA ETF FTSE Athex Large Cap	16	-1.72 Œ	16.28 2	20/12/2018	16	16	16 16	16				1	1	16.00		11.532 2	2.9 12003
Surveillance																								
5,867,311 0.300			11/	/08/2010 2	8/04/2017 5	123	DIONIC (CR)	0.56		0.56 2	20/12/2018					1605@0.600						3,285.69	0.179 0.9	935 2797
163,854,177 0.300							Forthnet (CR)	0.113	7	0.113 2	20/12/2018	0.113	0.113 0.	113 0.113	0.113 2000@0.101	382@0.110			500	1	56.50	18,515.52	0.0915 0.4	
355,437,751 0.360			07/	/07/2010 2	1/09/2017 5	160	FRIGOGLASS SA (CR)	0.11	¬	0.11 2	20/12/2018	0.115	0.11 0.	115 0.11	0.11 5000@0.109	8292@0.110		2016	15,162	14	1,671.77	39,098.15	0.106 0.2	266 2757
51,081,030 1.00							LAVIPHARM SA (CR)	0.138	7		20/12/2018			122 0.122	0.122 1150@0.122	300@0.123			1,550	3	189.10	7,049.18).25 4577
4,419,616 1.58							MEDICON S.A (CR)	1.2	7		20/12/2018					1136@1.35						5,303.54		1.5 4535
14,967,940 0.500							PASAL DEVELOPMENT S.A. (CR)	0.119	7	0.119 2	20/12/2018					10000@0.100						1,781.18		142 8633
65,326,268 0.530							SATO SA (CR)	0.03			20/12/2018	0.026	0.026 0.	026 0.026	0.026 1620@0.026	200@0.036			1,622	3	42.17	1,959.79	0.024 0.0	
13,191,620 0.620							YALCO - CONSTANTINOU SA (CB)	0.178			20/12/2018					21802@0.143						2,348.11	0.0565 0.1	
33,301,715 0.320							AEGEK (CR)	0.037			20/12/2018					900@0.044						1,232.16	0.024 0	0.09 2357
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Hellenic Exchanges – Athens Stock Exchange S.A. Market Operation & Development Division - Statistics & Information Services

Section 2, 4/6

Daily Official List Year: 139 Trading Day No: 246 Friday, 21 December, 2018

Number of Nominal		ends [1	-	Last Coupon	Note	Sharos	Closing	% change	Previous closing	Open		Price Last Av		Last Ask [7]	P/E	Year	Volumo	ades Trar			Year Year Se
Outstanding Value Securities	2015	2016	2017 Dividend	[2] Right	ivote	Shares	price	% change	price/date	price	min	max price price	ce [7]		after	rear	Volume	V	alue[8] \	/alue (thou. €)	low high
13,000,000 1.00			01/08/2	007 07/04/2000	5093	AKRITAS SA (CR)	0.278		0.278 20/12/2018					255@0.224						3,614.00	0.12 0.52
185,373,016 0.300			02/07/2	008 28/02/2011	4957	ANEK LINES SA (CR)	0.055	-4.35 (E 0.058 20/12/2018	0.055	0.055	0.055 0.055	0.055 1000@0.055	6918@0.058			19,399	5	1,066.95	10,442.91	0.0345 0.1
312,163 0.300			02/07/2	008 28/02/2011	4959	ANEK LINES SA (PR, issue '90)	0.06		0.06 20/12/2018				10000@0.060							10,442.91	0.048 0.092
2,969,713 0.300			02/07/2	008 28/02/2011	4958	ANEK LINES SA (PR, issue '96)	0.077		0.077 20/12/2018				10000@0.062							10,442.91	0.062 0.125
4,737,503 0.320			22/06/2	005 22/09/2015	5115	VARANGIS AVEPE S.A. (CR)	0.048		0.048 20/12/2018											227.40	0.034 0.17
1,638,344 0.300			25/06/2	002 09/10/2018	5162	VARVARESSOS SA (CB)	0.436		0.436 20/12/2018					17@0.350		2017				714.32	0.225 1.08
17,579,754 4.16			18/08/2	006 02/08/2010	5156	BIOTER SA (CR)	0.079		0.079 20/12/2018	0.079	0.079	0.079 0.079	0.079 2000@0.064	3000@0.082			20,000	2	1,580.00	1,388.80	0.05 0.144
77,126,446 0.340			23/05/2	005 18/08/2011	5094	G.E. DIMITRIOU (CR)	0.011		0.011 20/12/2018				1000@0.010	7725@0.013						848.39	0.01 0.033
15,878,748 0.480			10/07/2	006 22/03/2004	5095	DOMIKI KRITIS SA (CR)	0.0585		0.059 20/12/2018				6500@0.047	1549@0.070						928.91	0.047 0.183
3,961,300 1.28			29/06/2	004 03/08/2000	5080	DUROS SA (CR)	0.236		0.236 20/12/2018					20@0.189		2017				934.87	0.12 0.3
7,085,888 1.59			02/07/1	996 06/09/2010	4690	ELVIEMEK (CR)	4.7		4.7 20/12/2018											33,303.67	4.7 4.7
51,830,520 0.300			23/12/2	003 24/01/2007	5197	SELECTED TEXT. IND. ASSOC (CR)	0.158		0.158 20/12/2018					131@0.143		2016				8,189.22	0.083 0.276
11,125,110 0.300			02/06/2	010 06/11/2017	5178	EUROCONSULTANTS S.A. (CR)	0.198		0.198 20/12/2018					3000@0.190						2,202.77	0.12 0.535
7,125,216 0.650			01/07/2	005 14/12/1999	4955	KRE.KA SA (CR)	0.034		0.034 20/12/2018				715@0.031			2017				242.26	0.031 0.338
7,734,375 1.00			09/07/2	007 07/01/2011	5112	LIVANIS SA (CR)	0.0395		0.04 20/12/2018	0.032	0.032	0.032 0.032	0.032 2500@0.032	4000@0.047			1,500	1	48.00	305.51	0.0165 0.122
15,842,391 1.51			15/07/2	009 12/05/2000	5141	BITROS HOLDING SA (CR)	0.14		0.14 20/12/2018				700@0.112	900@0.145						2,217.93	0.096 0.224
119,596,817 0.300			15/07/2	008 27/04/2017	5190	NIKAS SA (CR)	0.35		0.35 20/12/2018	0.34	0.34	0.34 0.34	0.34 239@0.340				6	1	2.04	41,858.89	0.28 0.5
24,319,250 0.300			09/07/2	002 04/07/2007	5165	PROODEFTIKH SA (CR)	0.132		0.132 20/12/2018				800@0.106	250@0.119						3,210.14	0.047 0.145
10,186,667 1.35			24/06/2	008 02/02/2016	4887	SIDMA SA (CR)	0.36		0.36 20/12/2018					1526@0.330						3,667.20	0.232 0.46
23,743,440 0.300			23/06/2	008 24/07/2018		SFAKIANAKIS SA (CR)	0.33		0.33 20/12/2018	0.33	0.33	0.33 0.33	0.33 591@0.330	600@0.396			409	1	134.97	7,835.34	0.25 0.6304
766,000 1.00			01/07/2	004 11/12/2012	5193	TRIA ALFA SA (CR)	2.52		2.52 20/12/2018							2017				2,092.02	1.71 2.66
245,000 1.00			19/07/2	010 11/12/2012	5194	TRIA ALFA SA (PR)	0.66		0.66 20/12/2018				5000@0.600			2017				2,092.02	0.53 0.79
Suspension St	atus																				
20,255,805 0.300			22/08/2	006 02/08/2010	5136	AXON HOLDING SA (CR)	0.058		0.058 28/04/2013											1.174.84	0.058 0.058
21,820,410 0.800						EUROMEDICA SA (CR)	0.448		0.448 30/04/2018											9,775.54	0.0825 0.45
66,948,210 0.300						FOLLI FOLLIE (CR)	4.8													321,351.41	4.8 19.9
2,235,600 0.350						AEOLIAN INVESTMENT FUND (CR)	0.41													916.60	0.352 0.65
14,870,100 0.300						ALPHA GRISSIN S.A. (CR)	0.014		0.014 13/04/2017											208.18	0.014 0.014
33,930,000 0.300						BABIS VOVOS SA (CR)	0.304		0.304 30/03/2012											10,314.72	0.304 0.304
6,000,000 0.600						EUROBROKERS S.A. (CR)	0.008		0.008 27/04/2018											48.00	0.007 0.008
24,619,524 0.500						KERAMIA-ALLATINI (CR)	0.088		0.088 30/08/2012											2,166.52	0.088 0.088
25,179,640 0.600						J.BOUTARIS & SON HOLD. SA (CB)	0.026													742.45	0.024 0.066
1,540,000 0.600						J.BOUTARIS & SON HOLD. (PB)	0.057													742.45	0.057 0.09
23,935,280 0.300						NAYTEMPORIKI PUBLISHING SA(CR			0.107 02/10/2013					***						2,561.07	0.107 0.107
255,459,600 0.300				000 03/12/2010			0.07		0.07 31/08/2015					***						17,882.17	0.07 0.07
23,463,874 0.800						NEORION SA (CR)	0.125		0.125 30/08/2012					***						2,932.98	0.125 0.125
18,750,000 0.300						PEGASUS PUBLISHING S.A. (CR)	0.123													1.668.75	0.089 0.089
100.793.572 0.300						TELETIPOS SA (CR)	0.06		0.06 07/03/2016											6.047.61	0.06 0.06
100,173,012 0.300			10/07/2	.007 11/02/2010	3110	TEEETII OO OA (ON)	0.00		0.00 07/03/2010								•••			0,047.01	0.00 0.00

Daily Official List

Year: 139 Trading Day No: 246

Section 2: Analytic Figures of Shares Transactions

Friday, 21 December, 2018

Number of Outstanding Securities Nominal Value 2015 2016 2017 Dividend [2] Right Note Shares	Closing price	% change	Previous closing price/date	Open price	Price Price Last Avg min max price price	Last Bid [7]	Last Ask [7]	P/E after	Year Volume	Trades Tran Va	nsactions /alue[8]	Company Mkt Value (thou. €)	Year Year Sector[low high 4]
4,034,950 0.680 01/07/2005 30/12/2010 5171 CHATZIKRANIOTIS & SONS SA (CR)	0.14		0.14 27/04/2018									564.89	0.102 0.18 3577

Daily Official List
Section 2: Shares' Notes
Year: 139 Trading Day No: 246
Friday, 21 December, 2018

Shares' Notes

Code	Note text	

- () Adjusted dividends
 - Last adjusted closing price.
- [1] Net dividends
- [2] The "Date of Last Coupon" for New listings refers to the date company's stocks started to trade in Athex
- [3] The Company Market Value is referred to the number of outstanding shares
- [4] Sectors codification can be found in Appendix A
- [5] The Market Value refers to the total number of shares listed (including their several classes) in the exchange by the company.
- [6] P/E greater than 100
- [7] Last view of the Order Book before the end of the trading session
- [8] All Blocks Methods' Transactions Value are included
- 4690 Transfer to Surveillance category as of 4/4/2006
- 4750 Transfer to the "Under Surveillance Category" from 8/4/2011
- 4865 Suspension of trading as of 2/4/2012.
- 4887 Transfer to the Surveillance Category as of 10/4/2012.
- 4912 Transfer to the Surveillance Category as of 31/7/2012.
- 4914 Suspension of trading as of 31/8/2012.
- 4918 Suspension of trading as of 31/8/2012.
- 4955 Transfer to the Surveillance Category as from 5/4/2013.
- 4956 Transfer to the Surveillance Category as from 5/4/2013.
- 4957 Transfer to the Surveillance Category as from 5/4/2013.
- 4958 Transfer to the Surveillance Category as from 5/4/2013
- 4959 Transfer to the Surveillance Category as from 5/4/2013.
- 4983 Transfer to the Surveillance Category as of 5/4/2013.
- 5080 Transfer to the Surveillance Category as of 05/12/2014
- 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.
- 5101 Suspension of trading as of 1/9/2015.
- 5110 Suspension of trading as of 08/03/2016.
- 5112 Transfer to the Surveillance Category as of 15/04/2016.
- 5115 Transfer to the Surveillance Category as of 15/04/2016.
- 5123 Transfer to the Surveillance Category as of 01/04/2016.
- 5130 Suspension of trading as of 18/04/2017.
- 5136 Suspension of trading as of 02/05/2017.
- 5141 Transfer to the Surveillance Category as of 10/05/2017.
- 5153 Suspension of trading as of 03/10/2017.
- 5154 Suspension of trading as of 03/10/2017
- 5156 Transfer to the Surveillance Category as of 11/12/2017.
- 5160 Transfer to the Surveillance Category as of 15/04/2016.
- 5161 Transfer to the Surveillance Category as of 25/11/2011.
- 5162 Transfer to the Under Supervision Category as of 21/12/2009.
- 5165 Transfer to the Surveillance Category as of 15/02/2018
 5171 Suspension of trading as of 30/04/2018.
- 5172 Suspension of trading as of 30/04/2018.
- 5174 Suspension of trading as of 02/05/2018.
- 5178 Transfer to the Surveillance Category as of 11/05/2018
- 5179 Suspension of trading as of 25/05/2018.
- 5180 Transfer to the Surveillance Category as of 29/05/2018.
- 5190 Transfer to the Surveillance Category as of 01/10/2018.
- 5191 Suspension of trading as of 02/10/2018.
- 5192 Suspension of trading as of 02/10/2018.
- 5193 Transfer to the Surveillance Category as of 25/10/2018.

Daily Official List
Section 2: Shares' Notes

Shares' Notes

Code Note text

Transfer to the Surveillance Category as of 25/10/2018.

Year: 139 Trading Day No: 246
Friday, 21 December, 2018

Transfer to the Surveillance Category as of 01/12/2017.

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

5195 5197

Daily Official List				Year: 139 Trading D	ay No: 246
Section 3: Figures of Securities Transactions				Friday, 21 Dece	mber, 2018
Securities Blocks Details					
Securities	Block Volume	Price	Block Trade Value	Time of approval	Note
ALPHA BANK (CR)	135,609	1.16	157,035.22	11:06:27	14

Blocks Notes

9 - Method 6-1 / Special Fees

10 - Method 6-1 / Special Fees, SDS

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

18 - Method 6-2 / SPOT 1

19 - Method 6-2 / SPOT 2

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

21 - Other Pre-agreed

Daily Official ListYear: 139 Trading Day No: 246Section 3: Figures of Securities TransactionsFriday, 21 December, 2018

Shares Rights Details

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

No Rights Transactions.

Daily Official List				Year: 139 Trading [Day No: 246
Section 3: Figures of Securities Transactions				Friday, 21 Dece	ember, 2018
Securities Forced Sales					
Securities	Category of Security	Transaction s Volume	Number of Trades	Transactions Value	Note

Forced Sales Notes

1 - Normal Forced Sale.

No Forced Transactions.

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

Daily Official List

Section 3: Figures of Securities Transactions

Year: 139 Trading Day No: 246

Friday, 21 December, 2018

Forced Sales Registered Shares

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

No Fixed Registered Shares Forced Sales.

Forced Sales Notes

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

Daily Official ListYear: 139 Trading Day No: 246Section 3: Figures of Securities TransactionsFriday, 21 December, 2018

	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	21/12/2018	5,000	629,082	13,300		642,382	10,357,520.00	16.1236	0.43	30/06/2018

ETFs Notes

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

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

Daily Official List

Year: 139 Trading Day No: 246

Section 5: Bonds traded in Fixed Income Assets Market

Friday, 21 December, 2018

Convertible Corporate Bonds - Regulated Market

Num Listed Bonds	Nominal price	Issue price	Today's Rate	Exp. Date	Duration (years)	Note	Co Common	upon Preffered	Tradin g	Corporate Bonds	Price min F	Price max	Closing price	Previous of price/o	Volume	Transactions Value	Last o Price	rder Buy / Sell	Date	ear min	Year max
179,991,941	0.30	0.30	1.00	11/10/2025	9		9		1	FORTHNET S.A. (Convertible)					 		1.0610	В	21/12/2018	100.0000	100.0000

Corporate Bonds Notes

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

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

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

Daily Official List

Section 5: Bonds traded in Fixed Income Assets Market

Friday, 21 December, 2018

Non Convertible Corporate Bonds - Regulated Market

Num Listed Bonds	Nominal price	Issue price	Today's Rate	Exp. Date	Duration (years)	Note	Common	oupon Preffered	Tradi g	Corporate Bonds	Accrued Yint.	eld.T.Mat	Price min	Price max	Closing price	Previous price		Volume	Transactions Value	Last ord Price B	er uy / Sell	Date	ear min	Year max
60,000	1,000.00	1,000.00	3.85	21/07/2022	5		3		1	TERNA ENERGY FINANCE S.A. (Non Convertible)	16.8972	3.3790	100.7000	101.0000	100.9200	100.6810	20/12/2018	30,000	30,782.92	100.7000	В	21/12/2018	99.3154	103.4900
300,000	1,000.00	1,000.00	3.10	27/06/2022	5		3		1	MYTILINEOS HOLDINGS S.A. (Non Convertible)		2.7550	100.6000	100.9000	100.7034	100.9120	20/12/2018	174,000	175,238.98	100.6000	В	21/12/2018	100.1901	103.4800
25,000	1,000.00	1,000.00	4.95	26/06/2023	5		1		1	B&F COMM. & GARM. INDUS. S.A. (Non Convertible)		6.7580				93.1000	20/12/2018			90.7206	В	21/12/2018	92.3969	100.0000
90,000	1,000.00	1,000.00	3.00	11/05/2023	5		2		1	CORAL A.E. (Non Convertible)	3.8333	2.7960				100.6000	19/12/2018		***	100.6000	В	21/12/2018	100.0000	101.3500
120,000	1,000.00	1,000.00	3.95	04/04/2025	7		2		1	GEK TERNA S.A. (Non Convertible)	9.3264	3.9550	99.4000	99.4000	99.4000	100.0610	20/12/2018	5,000	5,016.63	99.4000	В	21/12/2018	98.1000	102.9900
50,000	1,000.00	1,000.00	4.35	20/06/2022	5		4		1	SYSTEMS SUNLIGHT S.A. (Non Convertible)	0.9667	4.0790	100.0000	100.2000	100.0000	100.1000	20/12/2018	27,000	27,046.10	99.8000	В	21/12/2018	98.0000	103.2000
200,000	1,000.00	1,000.00	3.50	21/03/2022	5		4		1	O.P.A.P. S.A. (Non Convertible)	9.5278	2.7770	101.6600	101.6600	101.6600	102.1070	20/12/2018	22,000	22,574.81	101.6600	В	21/12/2018	101.3000	103.1500
40,000,000	1.00	1.00	5.00	04/10/2021	5		9		1	HOUSEMARKET S.A. (Non Convertible)	0.0118	3.5210				102.7870	20/12/2018			102.1000	В	21/12/2018	98.9369	105.1000

Corporate Bonds Notes

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

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

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

Hellenic Exchanges – Athens Stock Exchange S.A. Market Operation & Development Division - Statistics & Information Services Year: 139 Trading Day No: 246

Government Bonds

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

Government Bonds Notes

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

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

FLR: Floating Interest Rate.

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

Hellenic Exchanges – Athens Stock Exchange S.A.

Market Operation & Development Division - Statistics & Information Services

Daily Official List

Year: 139 Trading Day No: 246

Section 5: Bonds traded in Fixed Income Assets Market

Friday, 21 December, 2018

Treasury Bills & Zero Coupon Government Bonds

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

Daily Official List

Year: 139 Trading Day No: 246

Section 5: Government Bonds Traded with the Open Outcry Method

Friday, 21 December, 2018

Bonds in Circulation	Currency / Min nominal traded Value	Coupons Payment Date	Current Coupon Value	Note	Coupon	Trading Unit	Issue Date	Duration (years)	Today's Interest	A.I.C in days	s Bonds	Last pr previous		Last Out Price I	cry in Ca Buy / Sell		Trades in Pieces	Life min	Life Max
Corporate	Bonds in Foreig	ın Currenc	y and Euro	0															
103,746	GBP / 10	01/12	0.25		60	1	01/12/1930	98	2.5	360	National Mortgage Bank	2.27 0	5/02/1996	2.27	S	05/02/1996		2.27	2.27
0	GBP / 10	01/12	0.25		62	1	01/12/1928	100	2.5	360	National Mortgage Bank								

Government Bonds Notes

A.I.C: Accrued Interest Calculation base.

FLR: Floating Interest Rate.

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

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Athex & ATHEXClear Members List

Member Name				Stock Market		Derivati	ves Market	ATHE	KClear Memb
Address	Phone	Fax	Market Member	Remote Member	Market Maker	Proprietary	Market Maker	General Clearing	Direct Clearing
A. SARRIS SECURITIES S.A.			а						oloumig
5, DRAGATSANIOU ATHINA	+30 2103367700	210-3312324							
ALPHA BANK A.E.								а	
IO, STADIOU STR ATHINA	(210)-3260000	(210)-3264116							
	(210)-3265546	(210)-3265811							
103, AVE. ATHINON ATHINA	+30 2103436820	210-3436270							
ALPHA FINANCE INVESTMENT SERVICES S.A.			а		а	а	а		а
5, MERLIN ATHINA	+30 2103677400	210-33311193							
ARDU PRIME SECURITIES S.A			а			а			
2-14, KARAGIORGI SERVIAS ATHINA	+30 2103800820	210-3000854							
ARGUS STOCKBROKERS LTD			а	а		а			
25 , DIMOSTHENI SEVERI AVE NICOSIA	+357 22717000	0035722717070							
ATLANTIC SECURITIES LIMITED			а	а					
37, PRODROMOU NICOSIA	+357 22445400	00357 22661914							
AXIA VENTURES GROUP LTD			а	а					
KRANIDIOTI 10, OFFICE 102 NICOSIA	+357 22742000	357 22742001							
AXON SECURITIES S.A.	00.01111	040	а			а			
18, STADIOU ATHINA	+30 2103363800	210-3243903							
BANK OF AMERICA MERRILL LYNCH	44.0007/00		а	а					
2 , KING EDWARD STREET LONDON	+44 20276281000								
BETA SECURITIES S.A.	00.040:	040 / 4	а		а	а			а
29 , ALEXANDRAS AVEN. & VRAILA ATHINA	+30 2106478900	210-6410139							
BNP PARIBAS SECURITIES SERVICES	00.0177	040 74:555						а	
2, LAMPSAKOU ATHINA	+30 2107468500	210-7468579-581							
CAPITAL SECURITIES S.A.			а			а			
58, MITROPOLEOS ATHINA	+30 2103369700	+30 210 3369820							
CFS SECURITIES-INVESTMENT SERVICES S.A.			а						
B, PAPARRIGOPOULOU ATHINA	+30 2103360800	+30 210-3360980							
CITIGROUP GLOBAL MARKET LTD	44.020700/4000		а	а					
1, CITIGROUP CENTER , CANADA SQ., CANARY WHARF LONDON	+44 02079864000								
CREDIT SUISSE SECURITIES (EUROPE) LIMITED	44.207000000		а	а					
1 , CABOT SQUARE LONDON	+44 2078888888		_			_			
CYCLOS SECURITIES S.A. 39, PANEPISTIMIOU ATHINA	+30 2103364300	+30 210-3239122	а			а			а
	+30 2103304300	+30 210-3237122							
DEUTSCHE BANK S.A. 1 , GREAT WINCHESTER STREET LONDON	+44 20 754 54209	00441133361437	а	а		а			
DYNAMIC SECURITIES S.A.	T44 20 734 34207	00441133301437	а			а			а
SYGROU AVENUE 223 & TRALLEON 2 NEA SMYRNI	+30 2103677700	210-3677777	••						-
EUROBANK EQUITIES INVESTMENT FIRM S.A	+30 2103077700	210-3077777	а		а	а	а		а
FILELLINON 10 & XENOFONTOS 13 ATHINA	+30 2103720000	210-3720001	••		•		-		•
EUROBANK ERGASIAS S.A.	100210072000	210 0720001						а	
R, OTHONOS STR. ATHINA	(210)-3337969	(210)-3245916							
•	(210)-3337000	(210)-3233866							
s, othonos athina	+30 2103337000	210-3245916							
EUROCORP INVESTMENT SERVICES S.A.	.00 2100007000	2.0 02-0710	а			а			а
4, FILIKIS ETERIAS SQ, ATHINA	+30 2107263500	2107263666							_
EUROTRUST INVESTMENT FIRM SA			а						
13, SEVASTOUPOLEOS ATHINA	+30 2103363100	+30 210-3238334							
EUROXX SECURITIES S.A.			а		а	а	а		а
r, PALAIOLOGOU CHALANDRI	(210)-6879400	(210)-6879401							
7, PALEOLOGOU CHALANDRI	+30 2106879400	210-6879401							
G. A. PERVANAS SECURITIES-INVESTMENT SERVICES CO S.A.			а						
-9, SOFOKLEOUS ATHINA	+30 2103727200	210-3210-291							
GLOBAL CAPITAL SECURITIES AND FINANCIAL SERVICES LTD			а	а					
0, AVE. ARCHIEPISKOPOU MAKARIOU NICOSIA	+357 22710710	357 22339332							
HELLENIC BANK (INVESTMENTS) LTD				а					
AVE.KYRIAKOU MATSI 31 - PO BOX 24747 NICOSIA	+357 22500100	357 22500110							
HELLENIC-AMERICAN SECURITIES S.A.			а		а	а			а
27, ANDREA PAPANDREOU ATHINA	+30 2103311100	+30 210-3215968							
ISBC FRANCE								а	
109-111, AVE. MESOGION ATHINA	+30 2106960000	210-6929336							
INDEX SECURITIES S.A.			а						
6, DRAGATSANIOU ATHINA	+30 2103213920	+30 210-3213216							

Athex & ATHEXClear Members List

lember Name				Stock Market		Derivati	ves Market	ATHE	(Clear Me
ddress	Phone	Fax	Market Member	Remote Member	Market Maker	Proprietary	Market Maker	General Clearing	Direc Cleari
IVESTMENT BANK OF GREECE S.A.			а		а	а	а	а	
2 , EGIALIAS & PARADISOU MAROUSI	+30 2108173111	+30 210-6896325							
. CHR. MAVRIKIS SECURITIES S.A.			а						
, sofokleous athina	+30 2103216730	210-3217767							
APPA SECURITIES S.A.			а			а			
5, VALAORITOU ATHINA	+30 2103678600	+30 210-3641002							
ARAMANOF SECURITIES AND INVESTMENT SERVICES S.A.			а			а			
SQ. AGION THEODORON ATHINA	+30 2103212947	+30 210-3217088							
AIKI FINANCIAL SERVICES LTD				а					
5, AVE. VYRONOS NICOSIA	357 22367367	357 22718567							
EON DEPOLAS SECURITIES S.A.			а		а	а			
CHRISTOU LADA ATHINA	+30 2103213276	+30 210-3211618							
EGA EQUITY SECURITIES & FINANCIAL SERVICES PUBLIC LTD			а	а		а			
2-44, AVE. GRIVA DIGENI NICOSIA	+357 22711711	357 22711811				•			
ERIT SECURITIES S.A	TJJ/ ZZ/11/11	337 22/11011			9				-
	+30 2141008800	210-6971830	а		а	а			а
SOFOKLEOUS ATHINA	+30 2141008800	210-07/1830	_						_
. CHRYSSOCHOIDIS STOCK BROKERAGE I.S.S.A.	. 20 240224224	. 20 240 224 (445	а			а			а
9, SOFOKLEOUS ATHINA	+30 2103213913	+30 210-3216115							
ATIONAL BANK OF GREECE S.A.		(2.2)	а		а	а		а	
B, AKADIMIAS STR. ATHINA	(210)-3328817	(210)-3328678							
5, AIOLOU STR. ATHINA	(210)-3341000	(210)-3228187							
ATIONAL SECURITIES S.A			а		а	а	а		
, KIFISIAS AVE , BUILDING A ATHINA	+30 2107720000	+30 210-7720002							
UNTIUS BROKERAGE AND INVESTMENT SERVICES S.A			а						
DRAGATSANIOU ATHINA	+30 2103350599	+30210-3254846							
NE PLUS CAPITAL LIMITED			а	а					
75 PRODROMOU AVENUE, ONEWORLD PARKVIEW HOUSE, 3RD FI	_OOF35M22873760								
ANTELAKIS SECURITIES S.A.			а		а	а	а		
, ETHNIKIS ANTISTASIS B CHALANDRI	+30 2106965000	210-6929550							
EGASUS SECURITIES S.A			а			а			
7 , VALAORITOU & AMERIKIS ATHINA	+30 2103670700	+30 210-3670760							
RAEUS BANK S.A.	1002100070700	100 210 0070700	а			а		а	
AMERIKIS STR ATHINA	(210)-3335918	(210)-3254207	••						
AMERIKIS STR. ATHINA	(210)-3335000	(210)-3335079							
AMERIKIS ATHINA	+30 2103335000	210-3335079							
RAEUS SECURITIES S.A.			а		а	а	а		а
, STADIOU ATHINA	+30 2103354100	210-3354170							
RELIUM INVESTMENT SERVICES S.A.			а			а			
2, KIFISIAS ATHINA	+30 2103677044	+30 210-6926403							
ROCHOICE SECURITIES LTD			а	а					
7, SPYROY KYPRIANOY NICOSIA	+357-24-661192	+357-24-662464							
HARELINK SECURITIES-FINANCIAL SERVICES LTD			а	а		а			
, THEOTOKI MEGARO ELLINA NICOSIA	+357 22554200	+357 22750852							
DCIETE GENERALE S.A.			а	а		а			
7 COURS VALMY 92987 PUTEAUX - LA DEFENSE PARIS	+33 157290504	+33142138697							
DLIDUS SECURITIES S.A			а			а			а
I, LOUIZIS RIANCOUR ATHINA	+30 2106900600	210-6985421							
Γ. EM. LAVRENTAKIS SECURITIES S.A.			а			а			
9, SOFOKLEOUS ATHINA	+30 2103213336	+30 210-3246572							
HE CYPRUS INVESTMENT & SECURITIES CORPORATION LTD		11 2.1 02 100 12	а	а					
54, LIMASSOL AVENUE, STROVOLOS NICOSIA	+357 22121700	357 22338800							
., E ISSOE AVEIVOE, STROVOEGS MICOSIA	1001 22121100	JU1 ZZJJUUUU							
3S LIMITED			а	a					

Daily Official List

Section 6: Additional Infos

Year: 139 Trading Day No: 246

Friday, 21 December, 2018

List of Stocks under Market Making operations

Securities Market Maker	Stock Category Start Market Making
FOLLI FOLLIE (CR)	Suspension Status
NATIONAL SECURITIES S.A	17/02/2014
PIRAEUS SECURITIES S.A.	04/05/2015
ADMIE (IPTO) HOLDING S.A. (CR)	Main Market
PIRAEUS SECURITIES S.A.	29/06/2017
ILPHA BANK (CR)	Main Market
ALPHA FINANCE INVESTMENT SERVICES S.A.	29/02/2016
EUROBANK EQUITIES INVESTMENT FIRM S.A	24/10/2012
LEON DEPOLAS SECURITIES S.A.	04/01/2016
MERIT SECURITIES S.A	03/09/2013
NATIONAL SECURITIES S.A	15/01/2013
PIRAEUS SECURITIES S.A.	28/05/2013
LUMIL (CR)	Main Market
BETA SECURITIES S.A.	18/07/2013
ITTICA BANK S.A. (CR)	Main Market
BETA SECURITIES S.A.	02/06/2014
EUROXX SECURITIES S.A.	22/01/2016
PIRAEUS SECURITIES S.A.	20/09/2017
ATTICA HOLDINGS (CR)	Main Market
HELLENIC-AMERICAN SECURITIES S.A.	28/12/2017
NUTOHELLAS SA (CR)	Main Market
EUROXX SECURITIES S.A.	02/07/2018
	Main Market
BYTE COMPUTER SA (CR)	
MERIT SECURITIES S.A	04/08/2013
CC HBC AG (CR)	Main Market
EUROBANK EQUITIES INVESTMENT FIRM S.A	23/10/2013
NATIONAL SECURITIES S.A	29/04/2013
PIRAEUS SECURITIES S.A.	04/05/2015
CENERGY HOLDINGS (CB)	Main Market
ALPHA FINANCE INVESTMENT SERVICES S.A.	02/01/2017
EUROBANK EQUITIES INVESTMENT FIRM S.A	02/01/2017
CNL CAPITAL (CR)	Main Market
MERIT SECURITIES S.A	01/10/2018
KTER SA (CR)	Main Market
EUROBANK EQUITIES INVESTMENT FIRM S.A	16/10/2017
LEON DEPOLAS SECURITIES S.A.	21/05/2018
ELASTRON (CR)	Main Market
LEON DEPOLAS SECURITIES S.A.	20/02/2017
ELLAKTOR (CR)	Main Market
EUROBANK EQUITIES INVESTMENT FIRM S.A	
	01/06/2013
EUROXX SECURITIES S.A.	24/09/2018
NATIONAL SECURITIES S.A	25/06/2013
PIRAEUS SECURITIES S.A.	22/10/2018
ELTON SA (CR)	Main Market
BETA SECURITIES S.A.	03/09/2013
LVALHALCOR (CB)	Main Market
ALPHA FINANCE INVESTMENT SERVICES S.A.	07/05/2018
EUROBANK EQUITIES INVESTMENT FIRM S.A	07/05/2018
UROBANK ERGASIAS (CR)	Main Market
ALPHA FINANCE INVESTMENT SERVICES S.A.	08/01/2013
EUROBANK EQUITIES INVESTMENT FIRM S.A	01/06/2013
HELLENIC-AMERICAN SECURITIES S.A.	25/07/2014
MERIT SECURITIES S.A	06/11/2017
NATIONAL SECURITIES S.A	01/01/2017
PIRAEUS SECURITIES S.A.	28/09/2013
OURLIS (CR)	28/09/2013 Main Market
	01/12/2016
EUROBANK EQUITIES INVESTMENT FIRM S.A	
EUROXX SECURITIES S.A.	01/12/2016
PIRAEUS SECURITIES S.A.	06/03/2017
SEK TERNA (CR)	Main Market
HELLENIC-AMERICAN SECURITIES S.A.	07/09/2015
SR. SARANTIS S.A. (CR)	Main Market
ALPHA FINANCE INVESTMENT SERVICES S.A.	19/06/2018
BETA SECURITIES S.A.	14/05/2013
EUROBANK EQUITIES INVESTMENT FIRM S.A	24/10/2016
SRIVALIA PROPERTIES (CR)	Main Market
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Daily Official List

Section 6: Additional Infos

Year: 139 Trading Day No: 246

Friday, 21 December, 2018

List of Stocks under Market Making operations

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

Daily Official List

Section 6: Additional Infos

Year: 139 Trading Day No: 246

Friday, 21 December, 2018

List of Stocks under Market Making operations

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

Daily Official List

Year: 139 Trading Day No: 246

Section 7: Index Futures Friday, 21 December, 2018

ι	Jnderlyin	g Asset										Derivatives Mark	et		e high Life low Trades Vo			
Price max	Price min (Closing price	change	Delivery Month	Open price F	rice max	Price min	Last price	Closing price	Last Bid	Last Ask	Fix	ing price*	Life high	Life low	Trades	Volume	Open Interest
FTSE/Ath	ex Large	Сар																(Trade Unit: 1 Index Point x 2€, Cash Settlement)
1,613.39	1,594.72	1,595.95	-0.90%	December 2018	1,610.50	1,610.50	1,594.00	1,602.00	1,602.00				1,606.71	1,741.0)	68	815	1,087
				January 2019	1,605.00	1,617.00	1,595.00	1,604.25	1,604.25				1,588.25	1,755.0)	143	940	4,711
				February 2019	1,616.50	1,616.50	1,606.00	1,606.00	1,606.00				1,587.25	1,676.0)	6	77	161
				March 2019					1,618.00									
				June 2019					1,626.75									
				September 2019					1,635.00									

Derivatives notes

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

Section 7: Stock Futures Friday, 21 December, 2018

Open Interest						lark et	Derivative										Asset	nderlyin	
Open Interest	ıme	Volume	Trades	ife low	Life high L	Fixing price*	k	t Bid L	La	ing price	st price Clos	rice min La	rice max P	Open price Pr	Delivery Month	change	osing price	Price min C	Price max
(Contract Size: 100 Securities, Physical De																A. (CR)	DING S.	TO) HOL	DMIE (I
2,662	728	728	82		1.74	1.58				1.56	1.56	1.56	1.60	1.60	December 2018	0.00%	1.596	1.566	1.6
9,320	536	536	38		1.67	1.62				1.59	1.59	1.57	1.61	1.59	March 2019				
										1.61					June 2019				
										1.62					September 2019				
(Contract Size: 100 Securities, Physical De															-			ANK (CR)	LPHA E
12,514	257	3,257	84		1.70	1.08				1.09	1.09	1.07	1.10	1.10	December 2018	3.33%	1.116	1.074	1.116
19,939	655	2,655	147		1.44	1.10				1.12	1.12	1.07	1.14	1.09	March 2019				
										1.09					June 2019				
										1.10					September 2019				
(Contract Size: 100 Securities, Physical De																	(CR)	ANK S.A	TTICA I
9	20	20	1		0.176	0.110				0.118	0.118	0.118	0.118	0.118	December 2018	-4.22%	0.1134	0.1068	0.117
243	20	20	1		0.123	0.112				0.119	0.119	0.119	0.119	0.119	March 2019				
										0.120					June 2019				
										0.120					September 2019				
(Contract Size: 100 Securities, Physical De															-			G (CR)	C HBC
89	15	15	3		29.55	26.97				26.72	26.72	26.72	26.82	26.80	December 2018	0.15%	26.58	26.36	27.07
143	6	6	6		27.65	26.66				26.87	26.87	26.75	26.98	26.75	March 2019				
										26.81					June 2019				
										26.94					September 2019				
(Contract Size: 100 Securities, Physical De																	GS (CB)	'HOLDIN	ENERG
603	110	110	11		1.29	1.25				1.22	1.22	1.22	1.22	1.22	December 2018	3.96%	1.26	1.212	1.278
4,143	208	208	26		1.29	1.28				1.28	1.28	1.22	1.28	1.25	March 2019				
										1.22					June 2019				
										1.23					September 2019				
(Contract Size: 100 Securities, Physical De																		R (CR)	LLAKT
765	512	512	62		1.79	1.34				1.35	1.35	1.34	1.36	1.35	December 2018	-0.74%	1.338	1.306	1.366
4,694	706	706	74		1.51	1.34				1.33	1.33	1.32	1.37	1.35	March 2019				
										1.36					June 2019				
										1.37					September 2019				
(Contract Size: 100 Securities, Physical De															-	R)	SIAS (CI	IK ERGA	UROBA
11,089	422	9,422	141		0.716	0.492				0.488	0.488	0.486	0.503	0.503	December 2018	-3.88%	0.483	0.483	0.5
62,806	267	11,267	266		0.596	0.492				0.487	0.487	0.482	0.506	0.506	March 2019				
										0.508					June 2019				
										0.510					September 2019				

Derivatives notes

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

Hellenic Exchanges – Athens Stock Exchange S.A.

Section 7, 1/5

Section 7: Stock Futures Friday, 21 December, 2018

Open Interest						Market	Derivatives										g Asset	Jnderlyin	
Open Interest	Volume	ides	Trades	Life low	Life high I	Fixing price*		Last Ask	Last Bid	ing price	st price Clos	rice min Las	rice max P	Open price Pr	Delivery Month	e change	losing price	Price min C	Price max
(Contract Size: 100 Securities, Physical Deli																		A. (CR)	YDAP S
55	11	4	4		5.53	4.81				4.90	4.90	4.90	4.90	4.90	December 2018	-1.63%	4.82	4.775	4.87
672	78	22	22		5.23	4.80				4.85	4.85	4.83	4.95	4.83	March 2019				
										4.95					June 2019				
										4.97					September 2019				
(Contract Size: 100 Securities, Physical Deli																		(CR)	OURLIS
71	69	19	19		5.77	4.10				4.04	4.04	4.04	4.11	4.10	December 2018	-2.89%	4.03	4.03	4.18
141	73	18			4.57	4.05				4.06	4.06	4.06	4.15	4.15	March 2019				
1			-		4.55	4.02				4.19					June 2019				
										4.21					September 2019				
(Contract Size: 100 Securities, Physical Deli																		NA (CR)	SEK TEF
1,557	322	24	24		5.30	4.14				4.12	4.12	4.10	4.14	4.10	December 2018	-1.68%	4.1	4.08	4.17
5,110	359	37			4.66	4.12				4.15	4.15	4.08	4.19	4.12	March 2019				
										4.21					June 2019				
										4.23					September 2019				
(Contract Size: 100 Securities, Physical Deli																CR)	RTIES (C	PROPER	GRIVALI
171			-		9.39	8.05				8.15					December 2018	-2.94%	7.91	7.88	8.09
79			-		9.30	7.92				8.19					March 2019				
			-							8.23					June 2019				
										8.27					September 2019				
(Contract Size: 100 Securities, Physical Deli															·	.S.E. (CR)	NGES-A	CEXCHA	HELLEN
286	51	11	11		4.52	3.75				3.72	3.72	3.72	3.78	3.78	December 2018	-1.85%	3.71	3.71	3.83
633	90	14	14		4.10	3.74				3.73	3.73	3.73	3.82	3.82	March 2019				
										3.82					June 2019				
										3.84					September 2019				
(Contract Size: 100 Securities, Physical Deli																CR)	_EUM (C	C PETROI	HELLEN
221	72	27	27		7.87	7.45				7.47	7.47	7.47	7.67	7.67	December 2018	-2.35%	7.48	7.43	7.68
2,171	80	29			7.90	7.54				7.47	7.47	7.47	7.73	7.65	March 2019				
										7.74					June 2019				
			-							7.78					September 2019				
(Contract Size: 57 Securities, Physical Deli															-	R)	NGS (CF	M HOLDI	NTRAC
244	860	19	19		1.17	0.642				0.635	0.635	0.635	0.664	0.660	December 2018	-1.94%	0.657	0.641	0.679
2,399	283	8	8		0.760	0.652				0.650	0.650	0.650	0.681	0.674	March 2019				
			-							0.677					June 2019				
			-							0.680					September 2019				

Derivatives notes

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

Section 7: Stock Futures Friday, 21 December, 2018

Open Interest (Contract Size: 100 Securities, Physical						ket	ivatives N	Der									g Asset	Jnderlyin	
Open Interest	lume	Volu	Trades	ife low	Life high Li	ixing price*		Last Ask	Last Bid	ing price	st price Clos	Price min La	rice max F	Open price P	Delivery Month	change	losing price	Price min	Price max
(Contract Size: 100 Securities, Physical D																		T (CR)	NTRALC
871	497		17		0.740	.438				0.435	0.435	0.433	0.450	0.450	December 2018	-4.44%	0.43	0.411	0.446
2,563	510		26		0.522	.423				0.430	0.430	0.417	0.460	0.460	March 2019				
										0.455					June 2019				
										0.457					September 2019				
(Contract Size: 100 Securities, Physical D																		A (CR)	JUMBO S
578	79		36		13.78	3.24				13.26	13.26	13.12	13.26	13.12	December 2018	-4.03%	12.86	12.86	13.34
658	104		41		13.82	2.51				12.97	12.97	12.92	13.32	13.28	March 2019				
										13.54					June 2019				
										13.60					September 2019				
(Contract Size: 100 Securities, Physical D																A (CR)	MENT SA	EVELOP	_amda i
230	258		77		6.95	i.84				5.83	5.83	5.79	5.91	5.89	December 2018	-2.51%	5.83	5.8	5.92
1,758	201		30		6.24	i.96				5.96	5.96	5.85	5.96	5.86	March 2019				
										6.04					June 2019				
-										6.07					September 2019				
(Contract Size: 100 Securities, Physical D																OUP (CR)	ENT GRO	NVESTM	MARFIN
4,440	5,453	5	91		0.101	.073				0.070	0.070	0.068	0.070	0.069	December 2018	4.71%	0.0733	0.0684	0.074
49,105	3,923	3	45		0.092	.071				0.073	0.073	0.069	0.075	0.069	March 2019				
										0.071					June 2019				
-										0.071					September 2019				
(Contract Size: 100 Securities, Physical D																		OIL (CR)	MOTOR
146	112		21		23.35	0.75				20.74	20.74	20.44	20.74	20.51	December 2018	-3.33%	20.3	20.3	21.1
287	154		60		22.05	9.86				20.33	20.33	20.33	20.90	20.78	March 2019				
										21.21					June 2019				
										21.32					September 2019				
(Contract Size: 100 Securities, Physical D																CR)	OINGS (C	OS HOL	MYTILIN
2,730	396		51		9.05	7.60				7.59	7.59	7.58	7.61	7.58	December 2018	-1.05%	7.51	7.51	7.63
8,107	436		67		8.75	7.58				7.56	7.56	7.54	7.67	7.65	March 2019				
65					7.69	1.55				7.67					June 2019				
			-							7.71					September 2019				
(Contract Size: 10 Securities, Physical D																	CR)	L BANK	NATIONA
86,913	9,781	29	180		2.30	.05				1.05	1.05	1.03	1.05	1.03	December 2018	1.84%	1.049	1.022	1.08
29,733	4,966	4	176		1.23	.08				1.06	1.06	1.03	1.09	1.03	March 2019				
										1.04					June 2019				
										1.05					September 2019				

Derivatives notes

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

Section 7: Stock Futures Friday, 21 December, 2018

						es Market	Derivati									g Asset	Inderlyin	- 1
Open Interest	Volume	rades	Trade	Life low	Life high L	Fixing price*	Last Ask	Last Bid	ing price	st price Clos	Price min La	rice max F	Open price Pr	Delivery Month	e change	losing price	Price min (Price max
(Contract Size: 100 Securities, Physical Del																	?)	PAP (C
375	394	44	4		9.67	7.80			7.78	7.78	7.77	7.90	7.90	December 2018	-2.53%	7.7	7.7	7.9
2,626	493	82	8		9.16	7.83			7.79	7.79	7.72	7.96	7.96	March 2019				
									7.98					June 2019				
									8.02					September 2019				
(Contract Size: 100 Securities, Physical Del																		TE (CR)
1,093	223	25	2		11.06	9.86			9.86	9.86	9.86	9.92	9.92	December 2018	-1.50%	9.85	9.83	10
2,295	245	43	4		10.99	9.88			9.89	9.89	9.88	9.99	9.94	March 2019				
				***					10.10					June 2019				
									10.15					September 2019				
(Contract Size: 100 Securities, Physical Del																	. (CR)	P.P.A. S.
85	98	22	2		16.84	14.86			14.98	14.98	14.75	14.98	14.75	December 2018	0.54%	15	14.68	15.2
445	93	16	1		16.48	15.25			15.12	15.12	14.85	15.12	14.85	March 2019				
									15.07					June 2019				
									15.15					September 2019				
(Contract Size: 100 Securities, Physical Del																R)	BANK (C	IRAEUS
7,229	5,118	126	12		2.47	0.730			0.730	0.730	0.722	0.761	0.748	December 2018	5.94%	0.803	0.723	0.803
17,927	5,783	290	29		1.25	0.774			0.796	0.796	0.728	0.802	0.760	March 2019				
				***					0.766					June 2019				
									0.770					September 2019				
(Contract Size: 100 Securities, Physical Del																		PC (CR)
3,395	784	77	7		1.75	1.37			1.37	1.37	1.32	1.39	1.35	December 2018	0.00%	1.349	1.323	1.385
9,837	892	71	7		1.50	1.33			1.35	1.35	1.33	1.39	1.33	March 2019				
									1.36					June 2019				
									1.37					September 2019				
(Contract Size: 100 Securities, Physical Del																CR)	NERGY (ERNA E
1,299	184	47	4		6.52	5.62			5.59	5.59	5.59	5.67	5.67	December 2018	0.35%	5.77	5.57	5.77
3,806	416	55			6.26	5.83			5.70	5.70	5.62	5.77	5.74	March 2019				
2					5.91	6.00			5.81					June 2019				
									5.84					September 2019				
(Contract Size: 100 Securities, Physical Del																R)	MENT (C	TTAN CE
158	19	4			22.26	19.50			19.50		19.34	19.50	19.34	December 2018	0.10%	19.36	19.36	19.7
194	25	9			19.85	19.52			19.50	19.50	19.41	19.68	19.57	March 2019				
									19.54					June 2019				
									19.63					September 2019				

Derivatives notes

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

Hellenic Exchanges – Athens Stock Exchange S.A.

Section 7, 4/5

Daily Official List
Year: 139 Trading Day No: 246
Section 7: Stock Futures
Friday, 21 December, 2018

Unde	erlying A	Asset									Derivati	ives Market	116- 61	h 116-1				
Price max Price	e min Closir	ing price	change	Delivery Month	Open price Pr	ice max F	Price min La	ast price Clos	ing price	Last Bid	Last Ask	Fixing price*	Life niç	h Life low	Tra	ades	Volume	Open Interest
VIOHALCO SA	A/NV (CE	В)																(Contract Size: 100 Securities, Physical Delivery)
2.54 2.4	155 2	2.49	-0.60%	December 2018	2.50	2.52	2.45	2.52	2.52			2.51	:	.17	-	57	1,442	1,267
				March 2019	2.52	2.56	2.48	2.53	2.53			2.50	2	.80	-	71	1,411	5,155
				June 2019					2.53						-			
				September 2019					2.54						-			

Derivatives notes

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

Year: 139 Trading Day No: 246

Friday, 21 December, 2018

FTSE/Athex Large Cap

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

							C	all Optio	ns														Put O	ptions						
				Decemb	er 2018						Januar	,		Other Months					nber 2018						Januar	y 2019			Other Months	
Excerise Price	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 Inte	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
1,425	0.00	0.00	0.00	-	181.71	-	-	0.00	0.00	0.00	-	178.00			0.00	0.00	0.00	-	-	-	-	0.00	0.00	0.00	-	0.07	-	-		1,425
1,450	0.00	0.00	0.00	-	156.71	-	-	0.00	0.00	0.00	-	153.00			0.00	0.00	0.00	-	-	-	-	0.00	0.00	0.00	-	0.24	-			1,450
1,475	0.00	0.00	0.00	-	131.71	-	-	0.00	0.00	0.00	-	128.00			0.00	0.00	0.00	-	-	-	-	0.00	0.00	0.00	-	0.72	-	-		1,475
1,500	0.00	0.00	0.00	-	106.71	-	-	0.00	0.00	0.00	-	104.00			0.00	0.00	0.00	-		-	1	0.00	0.00	0.00	-	1.90		-		1,500
1,525	0.00	0.00	0.00	-	81.71	-	20	0.00	0.00	0.00	-	82.00			0.00	0.00	0.00	-	-	-	17	0.00	0.00	0.00	-	4.30	-	26		1,525
1,550	0.00	0.00	0.00	-	56.71	-	21	0.00	0.00	0.00	-	61.50			0.00	0.00	0.00	-		-	50	13.00	13.00	9.50	9.50	9.50	2	41		1,550
1,575	0.00	0.00	0.00	-	31.71	-	38	0.00	0.00	0.00	-	43.50	- 20		0.00	0.00	0.00	-	-	-	89	16.00	16.00	14.00	14.00	14.00	2	80		1,575
1,600	12.50	12.50	10.50	10.50	6.71	40	85	34.00	35.00	33.00	33.00	33.00	18 83		0.00	12.50	0.00	-		-	80	27.25	27.25	22.00	25.00	25.00	39	60		1,600
1,625	0.00	0.00	0.00	-	-	-	90	18.00	22.00	18.00	22.00	22.00	47 133		27.25	0.00	18.00	25.00	18.29	43	98	35.00	35.00	35.00	35.00	35.00	5	22		1,625
1,650	0.00	0.00	0.00	-	-	-	184	14.00	14.00	11.00	11.00	11.00	21 115		49.00	0.00	49.00	49.00	43.29	3	169	59.00	62.00	59.00	62.00	62.00	12	161		1,650
1,675	0.00	0.00	0.00	-	-	-	114	7.00	7.00	7.00	7.00	7.00	1 31		0.00	0.00	0.00	-	68.29	-	167	0.00	0.00	0.00	-	78.00	-	145		1,675
1,700	0.00	0.00	0.00	-	-	-	45	0.00	0.00	0.00		2.90	- 61		0.00	0.00	0.00	-	93.29	-	92	0.00	0.00	0.00	-	100.00	•	120		1,700
1,725	0.00	0.00	0.00	-	-	-	141	0.00	0.00	0.00	-	1.40	- 105		0.00	0.00	0.00	-	118.29	-	42	0.00	0.00	0.00	-	123.00	-	-		1,725
1,750	0.00	0.00	0.00	-	-	-	15	0.00	0.00	0.00	•	0.59	- 20		0.00	0.00	0.00	-	143.29	•	-	0.00	0.00	0.00	-	148.00	•	2		1,750
1,775	0.00	0.00	0.00	-	-	-		0.00	0.00	0.00	-	0.24			0.00	0.00	0.00	-	168.29	-		0.00	0.00	0.00	-	172.00	-	-		1,775
1,800	0.00	0.00	0.00	-	-	-	-	0.00	0.00	0.00	•	0.09	- 20		0.00	0.00	0.00	-	193.29	•	-	0.00	0.00	0.00	-	197.00	•	20		1,800
1,825	0.00	0.00	0.00	-	-	•	-	0.00	0.00	0.00	-	0.03			0.00	0.00	0.00	-	218.29	-	-	0.00	0.00	0.00	•	222.00	•	-		1,825
1,850	0.00	0.00	0.00	-	-	•	-	0.00	0.00	0.00	-	0.01			0.00	0.00	0.00	-	243.29	-	-	0.00	0.00	0.00	-	247.00	•	•		1,850
1,875	0.00	0.00	0.00	-	-	-	•		-	-		-			0.00	0.00	0.00	-	268.29	-	-		-		-	-		-		1,875
1,900	0.00	0.00	0.00	•	-	-	-		•	-	•	-			0.00	0.00	0.00	-	293.29	•	•		-	•	•		•	-		1,900
1,925	0.00	0.00	0.00	-	-	-	-		-	-	-	-			0.00	0.00	0.00	-	318.29	•	-		-	-	-	-	•	•		1,925
1,950	0.00	0.00	0.00	-	-	•	•	-	-	•	-	-			0.00	0.00	0.00	-	343.29	-	•	-	-	-	•		•	-		1,950
1,975	0.00	0.00	0.00	-	-	•	-			•	-	-			0.00	0.00	0.00	-	368.29	-	-		-	-	-	-	-			1,975
2,000	0.00	0.00	0.00	•	-	•	•	•	•	•	•	-			0.00	0.00	0.00	-	393.29	•	•		-	•	•	-	•	-		2,000
2,050	0.00	0.00	0.00	-	-	-	-			-		-			0.00	0.00	0.00		443.29	•	-		-		-		•	•		2,050
2,100	0.00	0.00	0.00	-	-	•	-	•	-	•	•	-			0.00	0.00	0.00	-	493.29	-	•	-	•	•	•		•	-		2,100
2,150	0.00	0.00	0.00	-	-	•	-			•	-	-			0.00	0.00	0.00	-	543.29	-	-		•	-	•	-	•	-		2,150
2,200 2,250	0.00	0.00	0.00	•	•	•	•	•	•	•	•	-			0.00	0.00	0.00	•	593.29 643.29	•	•	-	•	•	•		•	-		2,200 2,250
2,300	0.00	0.00	0.00	-	-	•	-		•	•	-	-			0.00	0.00	0.00	-	693.29	-	-	-	•	-	•		•	-		2,300
	0.00	0.00	0.00	•	•	•	•	•	•	•	•	-				0.00	0.00	•	743.29	•	•	-	•	•	•		•	•		2,350
2,350 2,400	0.00	0.00	0.00		-										0.00	0.00	0.00		793.29											2,400
2,400	0.00	0.00	0.00		-				-	•					0.00	0.00	0.00		843.29				-	-	•					2,400
						•						-								-	-				-	-	•			
2,500	0.00 Totals:	0.00	0.00	•	•	40	753	-	-	•	-	-	87 588	8 8	0.00	0.00	0.00	•	893.29	46	805	-	•	-	•	-	60	677	0 0	2,500
	rutals:					40	133						07 388	о 8						40	000						υU	0//	U U	
	Number o	of Trades:					2						14	1							7							15	0	ē

Call Options

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

ALPHA BANK (CR)

Put Options

				D	h 2010			an optic				2010			Other March				D	.h 2010					puons	1	. 2010			Oth M M	
					ber 2018						January				Other Months					nber 2018						January	,			Other Months	
Excerise Price	Open price	Price max	Price min	Last price	Closing price	e Volum	Open Interest	Open price	Price max	Price min	Last C price	Closing price \	/olume	Open Interest	Volume Open Interest	Open price	Price max	Price min	Last price	Closing price \	/olume	Open Interest	Open price	Price max	Price min	Last price	Closing price	Volume	Open Interest	Volume Open Interest	Excerise Price
0.800	0.000	0.000	0.000		0.284	-	-	0.000	0.000	0.000		0.282	-	-		0.000	0.000	0.000			-	-	0.000	0.000	0.000		0.001	-	-		0.008
0.850	0.000	0.000	0.000		0.234	-	-	0.000	0.000	0.000		0.235	-	-		0.000	0.000	0.000			-	-	0.000	0.000	0.000		0.003	-	-		0.009
0.900	0.000	0.000	0.000		0.184	-	-	0.000	0.000	0.000		0.190	-	-		0.000	0.000	0.000			-	-	0.000	0.000	0.000		0.008	-	-		0.009
0.950	0.000	0.000	0.000		0.134	-	-	0.000	0.000	0.000		0.148	-	-		0.000	0.000	0.000			-		0.000	0.000	0.000		0.016		-		0.010
1.000	0.000	0.000	0.000		0.084	-	10	0.000	0.000	0.000		0.112	-	-		0.000	0.000	0.000			-	-	0.000	0.000	0.000		0.030		-		0.010
1.100	0.000	0.000	0.000			-	10	0.000	0.000	0.000		0.057	-	50		0.000	0.000	0.000		0.016	-	-	0.000	0.000	0.000		0.076	-	-		0.011
1.200	0.000	0.000	0.000			-	20	0.000	0.000	0.000		0.026	-			0.000	0.000	0.000		0.116	-		0.000	0.000	0.000		0.144	-	-		0.012
1.300	0.000	0.000	0.000			-	30	0.000	0.000	0.000		0.010	-	-		0.000	0.000	0.000		0.216	-	-	0.000	0.000	0.000		0.228		-		0.013
1.400	0.000	0.000	0.000				-	0.000	0.000	0.000		0.003	-	-		0.000	0.000	0.000		0.316	-	-	0.000	0.000	0.000		0.322	-	-		0.014
1.500	0.000	0.000	0.000			-	-	0.000	0.000	0.000		0.001	-	-		0.000	0.000	0.000		0.416	-	-	0.000	0.000	0.000		0.420	-	-		0.015
1.600	0.000	0.000	0.000				-	0.000	0.000	0.000		0.001	-	-		0.000	0.000	0.000		0.516	-	-	0.000	0.000	0.000		0.520		-		0.016
1.700	0.000	0.000	0.000			-	-	0.000	0.000	0.000		0.002	-	-		0.000	0.000	0.000		0.616	-	-	0.000	0.000	0.000		0.620	-	-		0.017
1.800	0.000	0.000	0.000				-	0.000	0.000	0.000		0.001		-		0.000	0.000	0.000		0.716	-	-	0.000	0.000	0.000		0.720		-		0.018
1.900	0.000	0.000	0.000			-	-	0.000	0.000	0.000		0.001	-	-		0.000	0.000	0.000		0.816	-	-	0.000	0.000	0.000		0.820		-		0.019
2.000	0.000	0.000	0.000				-							-		0.000	0.000	0.000		0.916	-								-		0.020
2.200	0.000	0.000	0.000				-						-	-		0.000	0.000	0.000		1.12	-								-		0.022
2.400	0.000	0.000	0.000				-							-		0.000	0.000	0.000		1.32	-	-							-		0.024
2.600	0.000	0.000	0.000				-							-		0.000	0.000	0.000		1.52	-								-		0.026
2.800	0.000	0.000	0.000				-									0.000	0.000	0.000		1.72	-	-							-		0.028
3.000	0.000	0.000	0.000			-	-							-		0.000	0.000	0.000		1.92	-	-							-		0.030
3.200	0.000	0.000	0.000			-								-		0.000	0.000	0.000		2.12	-	-							-		0.032
	Totals:					0	70						0	50	0 30						0	0	-					0	0	0 0	=
	Number o	of Trades:					0							0	0							0.00							0	0	_

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

				December	2018			ап Орноп		Ja	nuary 2019			Other Months				December 20	1018			rui Opiions	Janua	ary 2019		Other Months	
Excerise	Open	Price		Last CI		Values Ope	en Interest	Open	Price Pric		ast Closing price	Ope	en Interest	·	Open	Price	Price min		ing price Volun	Open Interes	t Open	Price Price			Open Interest		Excerise
Price	price	max		price		volume		price	max	pr	rice	volume		volume	price	max		price	Volum	le	price	max	price	VC	Jiume	volume	Price
0.050		0.000			0.996	-	-					-	-			0.000				-							0.001
0.100		0.000			0.946	-	-					-	•			0.000				-							0.001
0.150		0.000			0.896	-	-					-	-		0.000		0.000		•	•							0.002
0.200		0.000			0.846	-	-					-	•		0.000		0.000			-							0.002
0.250		0.000			0.796	-	-					-	•		0.000		0.000		•	•							0.003
0.300		0.000			0.746	-	-					-	-			0.000				-							0.003
0.350		0.000			0.696	-	•					-	•			0.000				-							0.004
0.400		0.000			0.646	-	-					-	•		0.000		0.000			-							0.004
0.450		0.000			0.596	-	-					-	•		0.000		0.000		•	-							0.005
0.500		0.000			0.546	-	-					-	-			0.000				-							0.005
0.550		0.000			0.496	-	-					•	•			0.000			•	•							0.006
0.600		0.000			0.446	-	-	0.000			0.004	-	•		0.000		0.000			-	0.000			0.004			0.006
0.700		0.000			0.346	•	-		0.000 0.0		0.331	-	•		0.000		0.000		•	-		0.000 0.00		0.001			0.007
0.750		0.000			0.296	-			0.000 0.0		0.282	-	•		0.000	0.000				•		0.000 0.00		0.001			0.008
0.800		0.000			0.246	-	-		0.000 0.0		0.235	•	•			0.000			•	•		0.000 0.00		0.003			0.008
0.850		0.000			0.196	-	-		0.000 0.0		0.189	-	•			0.000						0.000 0.00		0.008			0.009
0.900		0.000			0.146	•	-		0.000 0.0		0.148	-	•			0.000				-		0.000 0.00		0.016			0.009
0.950		0.000			0.096	-	10		0.000 0.0		0.112	-	100		0.000		0.000			-		0.000 0.00		0.030			0.010
1.000 1.100		0.000			0.046	•	-		0.000 0.0		0.081		100 220		0.000		0.000	0).054 -	-		0.000 0.00		0.050 0.107			0.010 0.011
1.200		0.000				-	20		0.000 0.0		0.039		100			0.000).154 -			0.000 0.00		0.107			0.011
1.300		0.000					10		0.000 0.0		0.006	•	100		0.000		0.000).154 -			0.000 0.00		0.165			0.012
1.400		0.000					-		0.000 0.0		0.002	-	•		0.000		0.000).354 -			0.000 0.00		0.273			0.013
1.500		0.000				-	10		0.000 0.0		0.002	-			0.000		0.000).454 -			0.000 0.00		0.470			0.014
1.600		0.000					60		0.000 0.0		0.001					0.000).554 -			0.000 0.00		0.570			0.016
1.700		0.000					-		0.000 0.0		0.001				0.000		0.000).654 -			0.000 0.00		0.670			0.017
1.800		0.000				-			0.000 0.0		0.001).754 -			0.000 0.00		0.770			0.018
1.900		0.000				-	60		0.000 0.0		0.001	-			0.000		0.000).854 -			0.000 0.00		0.870			0.019
2.000		0.000				-			0.000 0.0		0.003	-				0.000).954 -			0.000 0.00		0.970			0.020
2.200		0.000										-							1.15 -								0.022
2.400		0.000				-						-			0.000		0.000		1.35 -								0.024
2.600		0.000													0.000		0.000		1.55 -								0.026
2.800		0.000											-		0.000		0.000		1.75 -								0.028
3.000		0.000					-									0.000			1.95 -								0.030
3.200		0.000											-			0.000			2.15 -	-							0.032
3.400	0.000	0.000	0.000												0.000	0.000	0.000		2.35 -	-							0.034

Daily Official List Year: 139 Trading Day No: 246

Section 7: Stock Options Friday, 21 December, 2018

NATIONAL BANK (CR)

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

										Call Op	tions																				Put	Options									
					Decemb	er 201	8							Januar	ry 2019				Oth	er Mo	nths				Dece	ember	2018						Jan	uary 2	2019				Other	Months	
Excerise Price	Open price	Price	e Pric	e min	Last price	Closing	g price	Volume	Open Intere	st Ope	en Pr ce n	rice P nax	rice min	Last price	Closing	price Vol	ume	Open Interest	Volum	Оре	en Interest	Open price	Price max	Price mi	in Last price	it Clo	osing pric	e Volum	Open Intere	st Open price	Price	Price n	nin Last pric	t Clo	osing pric	e Volume	Open I	Interest	Volume	Open Interes	t Excerise Price
	Totals:							0	170)	420	0		70							0	0							0		0	0	0	
	Number	r of Trade	es:						0									0		0									0.00								0			0	_

Year: 139 Trading Day No: 246

Friday, 21 December, 2018

OPAP (CR)

							C	Call Optio	ons																Put 0	ptions						
	December 2018										Januar	,			Other M	lonths				Decem	ber 2018						Januar	y 2019			Other Months	
Excerise Price	Open price	Price max	Price min	Last price	Closing price	Volume	Open Interest	Open price	Price max	Price min	Last price	Closing price	Volume	Open Interest	Volume Op	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 Open Interes	Excerise Price
5.600	0.000	0.000	0.000		2.20	-	-	0.000	0.000	0.000		2.31	-	-			0.000	0.000	0.000				-	0.000	0.000	0.000		0.001	-	-		0.056
6.000	0.000	0.000	0.000		1.80	-	-	0.000	0.000	0.000		1.91		-			0.000	0.000	0.000			-	-	0.000	0.000	0.000		0.001	-	-		0.060
6.400	0.000	0.000	0.000		1.40	-	-	0.000	0.000	0.000		1.51	-	-			0.000	0.000	0.000			-	-	0.000	0.000	0.000		0.001		-		0.064
6.800	0.000	0.000	0.000		1.00	-	-	0.000	0.000	0.000		1.12		-			0.000	0.000	0.000			-	-	0.000	0.000	0.000		0.004	-	-		0.068
7.200	0.000	0.000	0.000		0.600	-	-	0.000	0.000	0.000		0.740	-	-			0.000	0.000	0.000			-	-	0.000	0.000	0.000		0.028	-	-		0.072
7.600	0.000	0.000	0.000		0.200	-	-	0.000	0.000	0.000		0.420	-	-			0.000	0.000	0.000			-	-	0.000	0.000	0.000		0.108	-	-		0.076
8.000	0.000	0.000	0.000			-	-	0.000	0.000	0.000		0.197	-	-			0.000	0.000	0.000		0.200	-	-	0.000	0.000	0.000		0.285	-	-		0.080
8.400	0.000	0.000	0.000			-	-	0.000	0.000	0.000		0.073		-			0.000	0.000	0.000		0.600	-	-	0.000	0.000	0.000		0.562	-	-		0.084
8.800	0.000	0.000	0.000			-	-	0.000	0.000	0.000		0.021	-	-			0.000	0.000	0.000		1.00	-	-	0.000	0.000	0.000		0.913		-		0.088
9.200	0.000	0.000	0.000			-	-	0.000	0.000	0.000		0.005		-			0.000	0.000	0.000		1.40	-	-	0.000	0.000	0.000		1.30	-	-		0.092
9.600	0.000	0.000	0.000			-	-	0.000	0.000	0.000		0.001	-	-			0.000	0.000	0.000		1.80	-	-	0.000	0.000	0.000		1.70	-	-		0.096
10.000	0.000	0.000	0.000			-	-	0.000	0.000	0.000		0.001	-	-			0.000	0.000	0.000		2.20	-	-	0.000	0.000	0.000		2.10	-	-		0.100
11.000	0.000	0.000	0.000			-	-	0.000	0.000	0.000		0.001	-	-			0.000	0.000	0.000		3.20	-	-	0.000	0.000	0.000		3.10		-		0.110
12.000	0.000	0.000	0.000			-	-	0.000	0.000	0.000		0.001		-			0.000	0.000	0.000		4.20	-	-	0.000	0.000	0.000		4.10	-	-		0.120
13.000	0.000	0.000	0.000			-							-	-			0.000	0.000	0.000		5.20	-	-						-	-		0.130
14.000	0.000	0.000	0.000			-							-	-			0.000	0.000	0.000		6.20	-	-						-	-		0.140
15.000	0.000	0.000	0.000			-							-	-			0.000	0.000	0.000		7.20	-	-						-	-		0.150
16.000	0.000	0.000	0.000			-	-						-	-			0.000	0.000	0.000		8.20		-						-	-		0.160
	Totals:					0	0						0	0	0	0						0	0						0	0	0 0	_
	Number o	of Trades:					0							0	C)							0.00							0	0	

OTE (CR)

012 (01	,						(Call Optio	ns																Put O	ptions							
				Decem	ber 2018						January	y 2019			Other Mon	ths			[December 2018	8						January	2019			Other M	onths	
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 Ope		Price P max		Last Closing price	price Volu	ıme O	pen Interest	Open price	Price max	Price min	Last C price	Closing price	Volume	Open Interest	Volume Ope	en Interest	Excerise Price
7.600	0.000	0.000	0.000		2.26	-	-	0.000	0.000	0.000		2.41	-	-		0.00	0 0	0.000	0.000		-		-	0.000	0.000	0.000		0.001	-	-	-		0.076
8.000	0.000	0.000	0.000		1.86	-	-	0.000	0.000	0.000		2.01		-		0.00	0 0	0.000	0.000				-	0.000	0.000	0.000		0.001		-			0.080
8.400	0.000	0.000	0.000		1.46	-	-	0.000	0.000	0.000		1.62	-	-		0.00	0 0	0.000	0.000				-	0.000	0.000	0.000		0.002	-	-			0.084
8.800	0.000	0.000	0.000		1.06	-	-	0.000	0.000	0.000		1.22	-	-		0.00	0 0	0.000	0.000				-	0.000	0.000	0.000		0.010	-	-			0.088
9.200	0.000	0.000	0.000		0.660	-	-	0.000	0.000	0.000		0.857		-		0.00	0 0	0.000	0.000		-		-	0.000	0.000	0.000		0.042	-	-			0.092
9.600	0.000	0.000	0.000		0.260	-	-	0.000	0.000	0.000		0.540	-	-		0.00	0 0	0.000	0.000				-	0.000	0.000	0.000		0.125	-	-			0.096
10.000	0.000	0.000	0.000			-	-	0.000	0.000	0.000		0.299		-		0.00	0 0	0.000	0.000	0.14	40 -		-	0.000	0.000	0.000		0.284	-	-			0.100
11.000	0.000	0.000	0.000				-	0.000	0.000	0.000		0.037		-		0.00	0 0	0.000	0.000	1.14	4 -		-	0.000	0.000	0.000		1.03		-			0.110
12.000	0.000	0.000	0.000			-		0.000	0.000	0.000		0.002		-		0.00	0 0	0.000	0.000	2.14	4 -		-	0.000	0.000	0.000		2.00	-	-			0.120
13.000	0.000	0.000	0.000				-	0.000	0.000	0.000		0.002		-		0.00	0 0	0.000	0.000	3.14	4 -		-	0.000	0.000	0.000		3.00		-			0.130
14.000	0.000	0.000	0.000			-	-	0.000	0.000	0.000		0.001		-		0.00	0 0	0.000	0.000	4.14	4 -		-	0.000	0.000	0.000		4.00		-			0.140
15.000	0.000	0.000	0.000				-	0.000	0.000	0.000		0.001		-		0.00	0 0	0.000	0.000	5.14	4 -		-	0.000	0.000	0.000		5.00		-			0.150
16.000	0.000	0.000	0.000			-		0.000	0.000	0.000		0.001	-			0.00	0 0	0.000	0.000	6.14	4 -		-	0.000	0.000	0.000		6.00	-	-			0.160
17.000	0.000	0.000	0.000													0.00	0 0	0.000	0.000	7.14	4 -		-										0.170
18.000	0.000	0.000	0.000			-							-	-		0.00	0 0	0.000	0.000	8.14	4 -								-	-			0.180
	Totals:					0	0						0	0	0	0						0	0						0	0	0	0	
	Number o	of Trades:					0							0	0							0	.00							0	0		

PIRAEUS BANK (CR)

Call Options

Put Option:

-				Decemb	per 2018							January 2019			Other Months				December 2018						January 201	9			Other Months	
Excerise Price	Open price	Price max	Price min	Last price	Closing price	Volu	me Ope	n Interest	Open price	Price max	Price min	Last Closing pri price	ce Volum	Open Interest	Volume Open Interest	Open price	Price max	Price min	Last Closing price , price	Volume	Open Interest	Open price	Price max	Price min	Last Closi price	ng price	Volume	Open Interest	Volume Open Interest	Excerise Price
0.500								-	0.000	0.000	0.000	0.259	-	-						-		0.000	0.000	0.000	0.	001	-		-	0.005
0.550						-		-	0.000	0.000	0.000	0.211	-	-						-	-	0.000	0.000	0.000	0.	002	-	-		0.006
0.600	0.000	0.000	0.000		0.130	-		-	0.000	0.000	0.000	0.165	-	-		0.000	0.000	0.000		-	-	0.000	0.000	0.000	0.	006				0.006
0.650	0.000	0.000	0.000		0.080	-			0.000	0.000	0.000	0.123	-			0.000	0.000	0.000			-	0.000	0.000	0.000	0.	014				0.007
0.700	0.000	0.000	0.000		0.030	-		-	0.000	0.000	0.000	0.088	-	-		0.000	0.000	0.000		-	-	0.000	0.000	0.000	0.	029		-		0.007
0.750	0.000	0.000	0.000					-	0.000	0.000	0.000	0.060	-	-		0.000	0.000	0.000	0.020	-	-	0.000	0.000	0.000	0.	050		-		0.008
0.800	0.000	0.000	0.000			-		-	0.000	0.000	0.000	0.038	-	40		0.000	0.000	0.000	0.070	-	-	0.000	0.000	0.000	0.	079	-	-		0.008
0.850	0.000	0.000	0.000					-	0.000	0.000	0.000	0.024	-	-		0.000	0.000	0.000	0.120	-	-	0.000	0.000	0.000	0.	115		-		0.009
0.900	0.000	0.000	0.000			-		-	0.000	0.000	0.000	0.014	-	-		0.000	0.000	0.000	0.170	-	-	0.000	0.000	0.000	0.	155	-	-		0.009
0.950	0.000	0.000	0.000			-		-	0.000	0.000	0.000	0.008	-	-		0.000	0.000	0.000	0.220	-	-	0.000	0.000	0.000	0.	199	-	-		0.010
1.000	0.000	0.000	0.000			-		50	0.000	0.000	0.000	0.005	-	200		0.000	0.000	0.000	0.270	-	-	0.000	0.000	0.000	0.	246	-	-		0.010
1.100	0.000	0.000	0.000			-		180	0.000	0.000	0.000	0.001	-	30		0.000	0.000	0.000	0.370	-	-	0.000	0.000	0.000	0.	343		-		0.011
1.200	0.000	0.000	0.000			-		46	0.000	0.000	0.000	0.001	-	-		0.000	0.000	0.000	0.470	-	4	0.000	0.000	0.000	0.	442	-	-		0.012
1.300	0.000	0.000	0.000			-		-	0.000	0.000	0.000	0.001	-			0.000	0.000	0.000	0.570	-	-	0.000	0.000	0.000	0.	542		-		0.013
1.400	0.000	0.000	0.000			-		-	0.000	0.000	0.000	0.008	-	-		0.000	0.000	0.000	0.670	-	-	0.000	0.000	0.000	0.	642	-	-		0.014
1.500	0.000	0.000	0.000			-		-	0.000	0.000	0.000	0.005	-	-		0.000	0.000	0.000	0.770	-	-	0.000	0.000	0.000	0.	742	-	-		0.015
1.600	0.000	0.000	0.000			-		60	0.000	0.000	0.000	0.002	-	-		0.000	0.000	0.000	0.870	-	-	0.000	0.000	0.000	0.	842	-	-		0.016
1.700	0.000	0.000	0.000			-		-	0.000	0.000	0.000	0.001	-			0.000	0.000	0.000	0.970	-	-	0.000	0.000	0.000	0.	942		-		0.017
1.800	0.000	0.000	0.000			-		-	0.000	0.000	0.000	0.001	-	-		0.000	0.000	0.000	1.07	-	-	0.000	0.000	0.000	1	.04	-	-		0.018
1.900	0.000	0.000	0.000			-		-					-	-		0.000	0.000	0.000	1.17	-	-						٠	-		0.019
2.000	0.000	0.000	0.000			-		-					-	-		0.000	0.000	0.000	1.27	-	-						-	-		0.020
2.200	0.000	0.000	0.000			-		20					-	-		0.000	0.000	0.000	1.47	-	-						٠	-		0.022
2.400	0.000	0.000	0.000			-		-					-	-		0.000	0.000	0.000	1.67	-	-						-	-		0.024
2.600	0.000	0.000	0.000			-		-					-	-		0.000	0.000	0.000	1.87	-	-						-	-		0.026
2.800	0.000	0.000	0.000			-		-					-	-		0.000	0.000	0.000	2.07	-	-						-	-		0.028
3.000	0.000	0.000	0.000			-		-					-	-		0.000	0.000	0.000	2.27	-	-						٠	-		0.030
3.200	0.000	0.000	0.000			-		-					-	-		0.000	0.000	0.000	2.47	-	-						-	-		0.032
3.400	0.000	0.000	0.000			-		-					-			0.000	0.000	0.000	2.67	-	-						-	-		0.034
3.600	0.000	0.000	0.000			-		-					-	-		0.000	0.000	0.000	2.87	-	-						-	-		0.036
3.800	0.000	0.000	0.000			-		-					-	-		0.000	0.000	0.000	3.07	-	-						٠	-		0.038
4.000	0.000	0.000	0.000			-		-					-	-		0.000	0.000	0.000	3.27	-	-						-	-		0.040
4.400	0.000	0.000	0.000			-							-			0.000	0.000	0.000	3.67	-							-	-		0.044
4.800	0.000	0.000	0.000			-		-					-	-		0.000	0.000	0.000	4.07	-	-						-	-		0.048
5.200	0.000	0.000	0.000			-							-			0.000	0.000	0.000	4.47								-	-		0.052
5.600	0.000	0.000	0.000			-		-					-	-		0.000	0.000	0.000	4.87	-	-						-	-		0.056

Daily Official List

Year: 139 Trading Day No: 246

Section 7: Stock Options Friday, 21 December, 2018

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

							C	all Optior	S															Put O	ptions							
•				Deceml	oer 2018						January	2019			Othe	er Months			Dece	mber 2018						Januar	ry 2019			Oth	er Months	
Excerise Price	Open price	Price max	Price min	Last price	Closing price	Volume	Open Interest	Open price	Price I max	Price min	Last (Closing price	Volume	Open Interest	Volume	Open Interest	Open price	Price max	Price min Last price	Closing p	rice Volum	Open Interest	Open price	Price max	Price min	Last price	Closing prid	Ce Volume	Open Interest	Volume	Open Interest	Excerise Price
	Totals:					0	356						0	270	0	40					0	4						0	0	0	0	<u>. ———</u>
	Numbe	of Trade:	S:				0							0		0						0.00							0		0	_

Year: 139 Trading Day No: 246

Friday, 21 December, 2018

PPC (CR)

								Call Option	ons															Put 0	ptions						
				Decem	ber 2018						January				Other Months				Decen	nber 2018						January	2019			Other Months	
Excerise Price	Open price	Price max	Price min	Last price	Closing pric	e Volum	Open Interes	t Open price	Price max	Price min	Last (Closing price \	/olume	Open Interest	Volume Open Interest	Open price	Price max	Price mi	in Last price	Closing price	Volume C	pen Interest	Open price	Price max	Price min	Last of price	Closing price	Volume	Open Interest	Volume Open Interest	Excerise Price
0.850	0.000	0.000	0.000		0.520	-	-	0.000	0.000	0.000		0.501	-	-		0.000	0.000	0.000			-	-	0.000	0.000	0.000		0.001	-	-		0.009
0.900	0.000	0.000	0.000		0.470	-	-	0.000	0.000	0.000		0.451	-			0.000	0.000	0.000			-	-	0.000	0.000	0.000		0.002		-		0.009
0.950	0.000	0.000	0.000		0.420	-	-	0.000	0.000	0.000		0.402	-	-		0.000	0.000	0.000				-	0.000	0.000	0.000		0.001	-	-		0.010
1.000	0.000	0.000	0.000		0.370	-	-	0.000	0.000	0.000		0.352	-			0.000	0.000	0.000			-	-	0.000	0.000	0.000		0.001		-		0.010
1.100	0.000	0.000	0.000		0.270	-	-	0.000	0.000	0.000		0.256	-	-		0.000	0.000	0.000			-	-	0.000	0.000	0.000		0.004	-	-		0.011
1.200	0.170	0.170	0.170	0.170	0.170	10	-	0.000	0.000	0.000		0.168	-			0.000	0.000	0.000			-	-	0.000	0.000	0.000		0.016		-		0.012
1.300	0.000	0.000	0.000		0.070	-	-	0.000	0.000	0.000		0.098	-	20		0.000	0.000	0.000				-	0.000	0.000	0.000		0.046	-	-		0.013
1.400	0.000	0.000	0.000			-	-	0.000	0.000	0.000		0.050	-	53		0.000	0.000	0.000		0.030	-	-	0.000	0.000	0.000		0.098		-		0.014
1.500	0.000	0.000	0.000			-	20	0.000	0.000	0.000		0.023	-	20		0.000	0.000	0.000		0.130	-	3	0.000	0.000	0.000		0.171	-	-		0.015
1.600	0.000	0.000	0.000			-	-	0.000	0.000	0.000		0.009	-			0.000	0.000	0.000		0.230	-	-	0.000	0.000	0.000		0.257	-			0.016
1.700	0.000	0.000	0.000			-	-	0.000	0.000	0.000		0.003	-	-		0.000	0.000	0.000		0.330		-	0.000	0.000	0.000		0.352	-	-		0.017
1.800	0.000	0.000	0.000			-	-	0.000	0.000	0.000		0.001	-	-		0.000	0.000	0.000		0.430		-	0.000	0.000	0.000		0.450	-	-		0.018
1.900	0.000	0.000	0.000			-	-	0.000	0.000	0.000		0.001	-	-		0.000	0.000	0.000		0.530		-	0.000	0.000	0.000		0.550	-	-		0.019
2.000	0.000	0.000	0.000			-	-	0.000	0.000	0.000		0.001	-			0.000	0.000	0.000		0.630	-	-	0.000	0.000	0.000		0.650	-			0.020
2.200	0.000	0.000	0.000			-	-						-	-		0.000	0.000	0.000		0.830	-	-						-			0.022
2.400	0.000	0.000	0.000			-	-						-	-		0.000	0.000	0.000		1.03	-	-						-	-		0.024
2.600	0.000	0.000	0.000			-	-						-	-		0.000	0.000	0.000		1.23		-						-	-		0.026
2.800	0.000	0.000	0.000			-	-						-			0.000	0.000	0.000		1.43	-	-						-			0.028
3.000	0.000	0.000	0.000			-	-						-	-		0.000	0.000	0.000		1.63	-	-						-			0.030
3.200	0.000	0.000	0.000			-	-						-			0.000	0.000	0.000		1.83	-	-							-		0.032
3.400	0.000	0.000	0.000			-	-						-	-		0.000	0.000	0.000		2.03		-						-	-		0.034
3.600	0.000	0.000	0.000			-	-						-			0.000	0.000	0.000		2.23	-	-						-			0.036
3.800	0.000	0.000	0.000			-	-						-	-		0.000	0.000	0.000		2.43	-	-						-			0.038
4.000	0.000	0.000	0.000			-	-							-		0.000	0.000	0.000		2.63	-							-	-		0.040
4.400	0.000	0.000	0.000			-	-						-	-		0.000	0.000	0.000		3.03								-	-		0.044
	Totals:					10	20						0	93	0 0						10	3						0	0	0 0	
	Number o	of Trades:					2							0	0						(0.00							0	0	

Friday, 21 December, 2018

			Ми	ultilateral Trar	nsactions[1]		Bilateral	Transactions[2]	Stock Borrowing through OTC (volume)[3]
Lending Products	Underlying Title	Open Interest[5]	Volume(Offered)	Average Weighted	Transactions volume	Average Weighted	Transactions Volume	Average Weighte	Transactions Volume
ADMIEBOR	ADMIE (IPTO) HOLDING S.A. (CR)	***	44,722	5.31%			***		
AEGNBOR	AEGEAN AIRLINES (CR)	845	19,021	5.31%					11,912
ALPHABOR	ALPHA BANK (CR)	42,001	59,446	5.31%			174,000	10.00%	29,037,538
ALMYBOR	ALUMIL (CR)								
TATTBOR	ATTICA BANK S.A. (CR)	8,819	7,304	5.31%					370
EEEBOR	CC HBC AG (CR)	1,162	1,830	5.31%					70,546
CENERBOR	CENERGY HOLDINGS (CB)		49,599	5.31%					
ELLAKTORBOR	ELLAKTOR (CR)	1,000	83,118	5.31%					38,626
EUROBBOR	EUROBANK ERGASIAS (CR)	985	19,755	5.31%					22,391,629
EYDAPBOR	EYDAP S.A. (CR)	1,800	3,445	5.31%					82,799
FFGRPBOR	FOLLI FOLLIE (CR)								1,363,949
FOYRKBOR	FOURLIS (CR)	1,958	6,672	5.31%					4,650
GEKTERNABOR	GEK TERNA (CR)	1,000	34,751	5.31%					9,693
SARBOR	GR. SARANTIS S.A. (CR)	452	7	5.36%					390
EUPROBOR	GRIVALIA PROPERTIES (CR)	20,000	82,173	5.31%					109,900
EXAEBOR	HELLENIC EXCHANGES-A.S.E. (CR)	8,500	545,238	5.31%					148,665
ELPEBOR	HELLENIC PETROLEUM (CR)	2,700	111,620	5.31%					65,719
INTRKBOR	INTRACOM HOLDINGS (CR)		66,742	5.31%					
INLOTBOR	INTRALOT (CR)	1,800	77,121	5.31%					284,512
BELABOR	JUMBO SA (CR)	35,336	138,250	3.31%					164,838
LAMDABOR	LAMDA DEVELOPMENT SA (CR)		619	5.31%					6,067
MIGBOR	MARFIN INVESTMENT GROUP (CR)		293,633	5.31%					744,474
MOHBOR	MOTOR OIL (CR)	36,011	3,377	3.31%	2,500	3.01%			107,128
MYTILBOR	MYTILINEOS HOLDINGS (CR)	3,500	159,934	5.31%					18,086
ETEBOR	NATIONAL BANK (CR)	11,000	87,593	5.31%					7,809,003
OPAPBOR	OPAP (CR)	21,400	167,229	5.31%					1,117,199
HTOBOR	OTE (CR)	67,271	38,400	5.31%					626,590
PPABOR	P.P.A. S.A. (CR)	2,377	1,284	4.68%	23	2.65%			2,901
TPEIRBOR	PIRAEUS BANK (CR)		4,483	5.31%					22,414,337
PLAISBOR	PLAISIO COMPUTERS SA (CR)								
PPCBOR	PPC (CR)	1,000	142,460	5.31%					6,482,323

Stock Lending Notes

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

Hellenic Exchanges – Athens Stock Exchange S.A.

Section 7, 1/2

Daily Official List

Section 7: Stock Lending Analytic Figures

Friday, 21 December, 2018

			Mu	ultilateral Tran	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	
QUALBOR	QUALITY & RELIABILITY SA (CR)									
TENERGYBOR	TERNA ENERGY (CR)	6,431	26,373	3.86%	3,500	2.65%	31,000	10.00%	174,375	
TITKBOR	TITAN CEMENT (CR)	7,578	150,189	3.55%			***		50,166	
VIOBOR	VIOHALCO SA/NV (CB)	6,009	58,218	3.31%	638	2.65%				

Stock Lending Notes

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

Hellenic Exchanges – Athens Stock Exchange S.A.

Market Operation & Development Division - Statistics & Information Services

Year: 139 Trading Day No: 246

Daily Official List Year: 139 Trading Day No: 246 Friday, 21 December, 2018 Appendix A: Sectors codification for listed companies

Computer Services

Electronic Office Equipment

Software

9533

9537

9574

12003 - ETF

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

Internet

Computer Hardware

Telecommunications Equipment

9535

9572

9578

