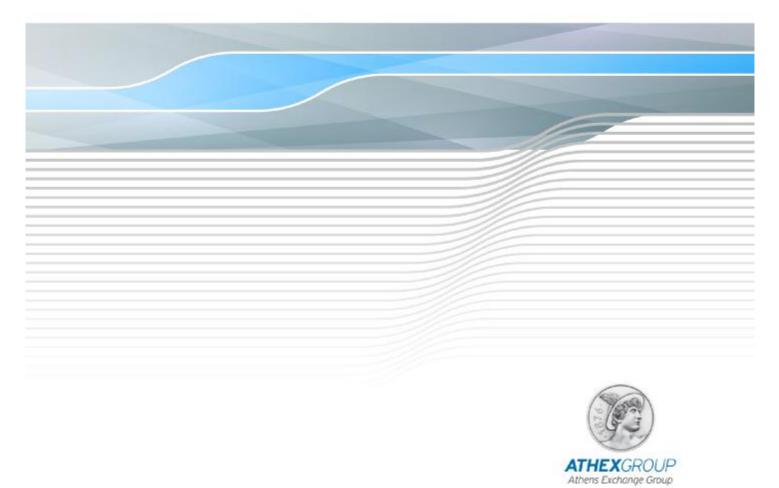
Ημερήσιο Δελτίο Συναλλακτικής Δραστηριότητας Daily Official List of Trading Activity

Monday, 23 December, 2019 Year: 140 Trading Day No: 244



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Athex Members Guarantee Fund 14-16 Fidiou Str., Athens 106 78, Tel: (210) 33.04.682, Fax: (210) 33.04.155

Hellenic Republic Capital Market Commission

1 Kolokotroni Str. & 1 Stadiou Str., Athens 10562 Tel: (210) 33.77.100 Fax: (210) 33.77.173

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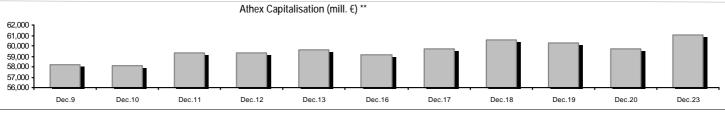
Section codification follows the corresponding from the Greek version of Daily Official List for reference purposes.

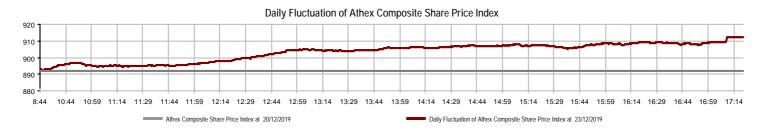
Section 1: Statistical Figures of Securities, Derivatives and Lending

Summary of Markets



Athen Conitalization (mill () **	61,032.89		Darivativas Tatal Opan Interact	240 207	
Athex Capitalisation (mill. €) **:		2 1 2 0 /	Derivatives Total Open Interest	348,397	
Daily change: mill. € %	1,271.13	2.13%	in Index Futures % daily chng	10,141	-16.07%
Yearly Avg Capitalisation: mill. € % chng prev year Avg	54,590.30	4.72%	in Stock Futures % daily chng	336,178	-18.99%
Athex Composite Share Price Index % daily chng	912.52	2.29%	in Index Options % daily chng	1,256	-66.02%
Athex Composite Share Price Index Capitalisation (mill. \in) Daily change (mill. \in)	55,843.94 1,175.53		in Stock Options % daily chng	822	-52.57%
Securities' Transactions Value with Block Trades Method 6-1 (67,711.74		Derivatives Contracts Volume:	11,927	
Daily change: %	-50,309.38	-42.63%	Daily change: pieces %	-80,365	-87.08%
YtD Avg Trans. Value: thou. ${\ensuremath{\in}} \mid \ensuremath{\%}$ chng prev year Avg	66,575.06	21.22%	YtD Avg Derivatives Contracts % chng prev year Avg	42,312	-24.46%
Blocks Transactions Value of Method 6-1 (thou. €)	14,100.74		Derivatives Trades Number:	1,731	
Blocks Transactions Value of Method 6-2 & 6-3 (thou. €)	0.00		Daily change: number %	-1,932	-52.74%
Bonds Transactions Value (thou.€)	477.74		YtD Avg Trades number % chng prev year Avg	2,868	5.79%
Securities' Transactions Volume with Block Trades Method 6-1	(th 21,350.	78	Lending Total Open Interest	465,955	
Daily change: thou. pieces %	-16,306.12	-43.30%	Daily change: pieces %	0	0.00%
YtD Avg Volume: % chng prev year Avg	32,300.19	-13.06%	Lending Volume (Multilateral/Bilateral)	10,765	
Blocks Transactions Volume of Method 6-1 (thou. Pieces)	2,601.11		Daily change: pieces %	9,595	
Blocks Transactions Volume of Method 6-2 & 6-3 (thou. Pieces	0.00				
Bonds Transactions Volume	470,468		Multilateral Lending	5,765	
			Bilateral Lending	5,000	
Securities' Trades Number with Block Trades Method 6-1	25,709		Lending Trades Number:	13	0.00%
Daily change: number %	-14	-0.05%	Daily change: %	0	
YtD Avg Trades number % chng prev year Avg	27,499	35.27%	Multilateral Lending Trades Number	12	
Number of Blocks Method 6-1	4		0	12	
Number of Blocks Method 6-2 & 6-3	0		Bilateral Lending Trades Number	I	
Number of Bonds Transactions	40				







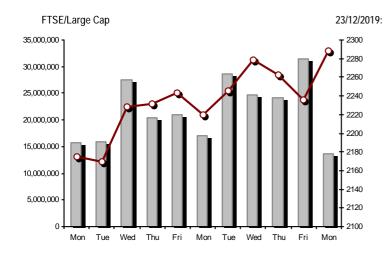
Section 1: Statistical Figures of Securities, Derivatives and Lending

Athex Indices									
Index name	23/12/2019	20/12/2019	pts.	%	Min	Мах	Year min	Year max	Year change
Athex Composite Share Price Index	912.52 #	892.06	20.46	2.29%	892.01	912.52	600.12	912.52	48. 79% #
FTSE/Athex Large Cap	2,287.71 #	2,235.75	51.96	2.32%	2,234.85	2,287.71	1,580.73	2,287.71	42.24% #
FTSE/Athex Mid Cap Index	1,198.98 #	1,168.02	30.96	2.65%	1,168.02	1,199.33	945.49	1,467.88	22.96% <i>‡</i>
FTSE/ATHEX-CSE Banking Index	658.82 #	646.00	12.82	1.98%	642.42	658.82	275.15	699.47	98.00% #
FTSE/ATHEX Global Traders Index Plus	2,329.82 #	2,274.97	54.85	2.41%	2,274.97	2,330.29	1,947.04	2,479.89	16.81% #
FTSE/ATHEX Global Traders Index	2,492.50 #	2,430.27	62.23	2.56%	2,430.23	2,492.50	1,866.67	2,517.12	31.37% #
FTSE/ATHEX Mid & Small Cap Factor-Weighted Ind	3,019.62 #	2,961.49	58.13	1.96%	2,954.98	3,019.85	2,173.67	3,019.85	36.31% #
ATHEX Mid & SmallCap Price Index	5,926.33 #	5,864.87	61.46	1.05%	5,864.87	5,926.33	3,914.71	5,994.42	49.58% <i>#</i>
FTSE/Athex Market Index	566.34 #	553.48	12.86	2.32%	553.29	566.34	392.32	566.34	41.88% #
FTSE Med Index	4,942.06 #	4,939.36	2.70	0.05%			3,966.78	5,048.35	24.65% #
Athex Composite Index Total Return Index	1,488.73 #	1,455.36	33.37	2.29%	1,455.28	1,488.73	952.47	1,488.73	52. 9 4% #
FTSE/Athex Large Cap Total Return	3,398.02 #	3,306.87	91.15	2.76%			2,321.35	3,398.02	45.21% #
FTSE/ATHEX Large Cap Net Total Return	1,038.48 #	1,014.89	23.59	2.32%	1,014.48	1,038.48	692.89	1,038.48	47.30% #
FTSE/Athex Mid Cap Total Return	1,461.54 #	1,423.80	37.74	2.65%			1,180.35	1,784.30	21.44% #
FTSE/ATHEX-CSE Banking Total Return Index	576.95 #	564.65	12.30	2.18%			265.40	605.55	84.05% <i>‡</i>
Hellenic Mid & Small Cap Index	1,248.90 #	1,225.45	23.45	1.91%	1,225.45	1,249.20	884.70	1,269.98	37.75% #
FTSE/Athex Banks	870.46 #	853.53	16.93	1.98%	848.79	870.46	363.54	924.17	98.00% <i>‡</i>
FTSE/Athex Insurance	2,048.94 #	1,949.28	99.66	5.11%	1,945.29	2,104.74	1,945.29	2,104.74	5.11% #
FTSE/Athex Financial Services	984.01 #	974.31	9.70	1.00%	967.01	990.50	744.92	1,191.69	26.11% #
FTSE/Athex Industrial Goods & Services	2,565.65 #	2,528.38	37.27	1.47%	2,528.38	2,575.20	1,884.26	2,967.88	34.36% #
FTSE/Athex Retail	68.74 #	68.58	0.16	0.23%	68.16	69.13	58.44	82.89	14.74% #
FTSE/ATHEX Real Estate	5,381.78 #	5,295.66	86.12	1.63%	5,233.59	5,526.35	2,928.70	6,158.58	78.20% <i>‡</i>
FTSE/Athex Personal & Household Goods	9,862.01 #	9,626.79	235.22	2.44%	9,624.06	9,873.84	6,649.54	10,049.22	43.38% #
FTSE/Athex Food & Beverage	11,267.48 #	11,039.34	228.14	2.07%	11,035.66	11,271.63	10,000.70	13,120.06	11.44% #
FTSE/Athex Basic Resources	6,536.73 #	6,488.41	48.32	0.74%	6,480.11	6,544.37	3,146.82	11,171.70	99.24% #
FTSE/Athex Construction & Materials	3,011.27 #	2,938.46	72.81	2.48%	2,928.60	3,011.27	2,437.75	3,183.37	16.61% #
FTSE/Athex Oil & Gas	5,040.22 #	4,915.91	124.31	2.53%	4,915.91	5,055.17	4,612.01	5,758.60	3.71% #
FTSE/Athex Chemicals	8,915.88 #	8,697.16	218.72	2.51%	8,493.26	8,939.98	7,722.79	11,217.47	9.05% <i>‡</i>
FTSE/Athex Travel & Leisure	1,959.45 #	1,893.82	65.63	3.47%	1,893.82	1,959.45	1,309.57	2,003.28	48.10% <i>‡</i>
FTSE/Athex Technology	892.02 #	861.46	30.56	3.55%	859.18	899.42	692.80	1,087.14	25.78% #
FTSE/Athex Telecommunications	3,922.41 #	3,790.29	132.12	3.49%	3,754.51	3,922.41	2,614.94	3,922.41	49.68% #
FTSE/Athex Utilities	3,211.42 #	3,176.32	35.10	1.11%	3,173.19	3,218.65	1,729.19	3,260.05	82.57% #
FTSE/Athex Health Care	510.34 #	502.08	8.26	1.65%	502.08	512.40	460.82	512.40	0.82% #
Athex All Share Index	215.01 #	210.52	4.48	2.13%	215.01	215.01	157.01	215.26	36.06% #
Hellenic Corporate Bond Index	120.13 Œ	120.16	-0.03	-0.02%			116.31	121.33	3.26% #
Hellenic Corporate Bond Price Index	95.68 Œ	95.71	-0.03	-0.03%			95.04	97.19	-0.11% (

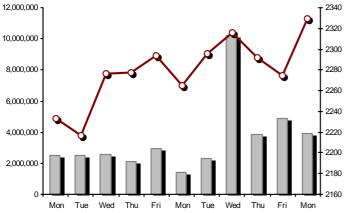
Note 1: FTSE/Med 100, Hellenic Corporate Bond Price Index and Hellenic Corporate Bond Index closing prices refer to the previous trading day of 19/12/2019.

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

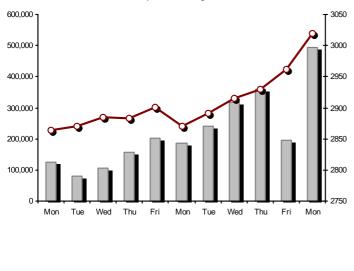
Athex Indices



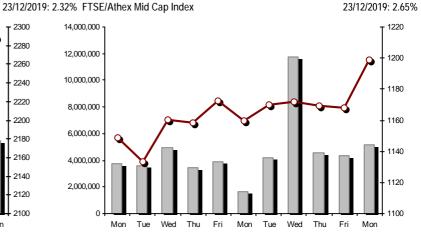




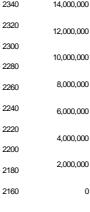
FTSE/ATHEX Mid & Small Cap Factor-Weighted Index



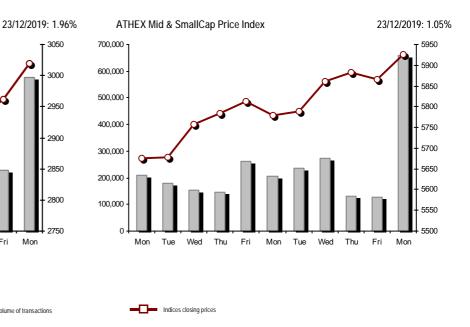
Indices volume of transactions



23/12/2019: 2.41%







Section 1: Statistical Figures of Securities, Derivatives and Lending

Analytic Figures for Athex Market's Boards and Categories

	Total Traded Securities	Main Market	Surveillance	Exchange Traded Funds (ETFs)	
Totals	125	112	12	1	
Gain / Lose / Same:	83 / 18 / 24	78 / 18 / 16	4 / 0 / 8	1/0/0	
Athex Capitalisation (mill. €) **	61,032.89	60,739.54	293.35		
Daily Average Trans/ons Value(thou.€)	66,575.06	66,550.28	57.17	44.14	
Transactions Value	67,711.74	67,600.96	101.35	9.43	
Main Board:	53,611.00	53,500.22	101.35	9.43	
Blocks Board 6_2_3:	14,100.74	14,100.74	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	32,300,191	31,917,946	413,887	2,004	
Transactions Volume	21,350,777	20,435,275	915,094	408	
Main Board:	18,749,666	17,834,164	915,094	408	
Blocks Board 6_2_3:	2,601,111	2,601,111	0	0	
Forced Sales Board:	0	0	0	0	
Special Terms Board:	0	0	0	0	
Daily Average Number of Trades	27,499	27,348	149	3	
Number of Trades	25,709	25,540	164	5	
Main Board:	25,705	25,536	164	5	
Blocks Board 6_2_3:	4	4	0	0	
Forced Sales Board:	0	0	0	0	
Special Terms Board:	0	0	0	0	

Trading Details by Athex Sectors and Financial Instruments (ETFs)

Code	Sectors	Gain / Lose / Same	Number of Trades	Transactions Volume	Transactions Value	% of Total Trans. Value
3010	- Banks	6/0/0	9,000	7,928,686	13,293,621.84	19.63%
5510	- Basic Resources	9/1/1	553	285,957	681,015.94	1.01%
5010	- Construction & Materials	8/0/4	1,416	2,775,240	14,184,927.51	20.95%
4020	- Consumer Products & Services	4/1/3	1,576	671,309	5,226,517.35	7.72%
6010	- Energy	3/1/0	922	182,776	2,397,098.40	3.54%
12000	- Financial Instruments	1/0/0	5	408	9,425.26	0.01%
3020	- Financial Services	2/1/0	997	1,865,774	1,458,041.19	2.15%
4510	- Food Beverage & Tobacco	4 / 2 / 4	624	2,934,798	1,871,968.70	2.76%
2010	- Health Care	3/1/0	104	55,932	80,374.58	0.12%
5020	- Industrial Goods & Service	13/2/6	1,905	600,316	3,508,541.51	5.18%
3030	- Insurance	1/0/0	229	57,272	288,505.79	0.43%
4030	- Media	1/0/1	50	18,436	4,685.54	0.01%
4520	- Personal Care, Drug & Grocery Stores	2/0/1	212	123,624	1,013,241.78	1.50%
3510	- Real Estate	5/1/2	1,835	1,278,457	7,495,673.60	11.07%
4040	- Retail	3/4/0	252	60,047	287,513.88	0.42%
1010	- Technology	7/1/0	603	163,284	529,319.92	0.78%
1510	- Telecommunications	3/0/1	1,471	450,860	5,075,428.36	7.50%
4050	- Travel & Leisure	4/2/1	2,179	1,109,484	7,123,858.22	10.52%
6510	- Utilities	4/1/0	1,776	788,117	3,181,977.07	4.70%

Section 1: Statistical Figures of Securities, Derivatives and Lending

Top 10 best & worst performing Shares

		Main	Market		
With positive Price change	Closing price	change	With negative Price change	Closing price	change
CRETE PLASTICS SA (CR)	15	6.38% #	PERSEUS SA (CR)	1.15	-16.67% (
QUEST HOLDINGS (CR)	7.92	6.17% #	KIRIAKOULIS SHIPPING SA (CR)	1.9	-2.56% (
INTRALOT (CR)	0.3895	5.84% #	KARATZIS SA (CR)	8.1	-1.22% (
TECHNICAL OLYMPIC SA (CR)	2.43	5.65% #	FOURLIS (CR)	5.78	-0.86% (
EUROPEAN RELIANCE INSUR. (CR)	5.14	5.11% #	ELVALHALCOR (CR)	1.718	-0.69% (
PROFILE SA (CR)	3.69	4.83% #	INTERCONTINENTAL (CR)	7.25	-0.69% (
EKTER SA (CR)	1.19	4.39% #	REVOIL (CR)	0.915	-0.54% (
GEK TERNA (CR)	7.22	4.33% #	ATTICA HOLDINGS (CR)	1.255	-0.40% (
KRI-KRI S.A. (CR)	5.56	3.73% #	TERNA ENERGY (CR)	7.68	-0.39% (
UNIBIOS (CR)	0.4	3.63% #			
With the highest Transactions Value	Value (thou. €)	change	With the highest Transactions Volume	Volume	change
GEK TERNA (CR)	13,105.50	4.33% #	EUROBANK ERGASIAS (CR)	3,509,396	1.31% #
LAMDA DEVELOPMENT SA (CR)	6,329.37	1.76% #	GEK TERNA (CR)	2,167,262	4.33% #
OPAP (CR)	5,743.13	3.62% #	ALPHA BANK (CR)	1,756,223	1.97% #
OTE (CR)	5,000.04	3.49% #	NIREFS SA (CR)	1,746,619	0.00% -
NATIONAL BANK (CR)	4,341.08	2.13% #	MARFIN INVESTMENT GROUP (CR)	1,576,993	2.63% #
ALPHA BANK (CR)	3,346.82	1.97% #	NATIONAL BANK (CR)	1,474,754	2.13% #
EUROBANK ERGASIAS (CR)	3,105.37	1.31% #	LAMDA DEVELOPMENT SA (CR)	778,060	1.76% #
AUTOHELLAS SA (CR)	2,549.54	1.41% #	PIRAEUS BANK (CR)	764,128	3.52% #
JUMBO SA (CR)	2,525.23	3.20% #	OPAP (CR)	494,043	3.62% #
PIRAEUS BANK (CR)	2,221.47	3.52% #	BRIQ PROPERTIES (CR)	458,822	0.93% #

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

Daily Official List Section 1: Statistical Figures of Securities, Derivatives and Lending			: 140 Trading Day No: 244 londay, 23 December, 2019
Derivatives Summary			
	Number of Trades	Volume	Open Interest
Index Futures	197	624	10,141
FTSE/Athex Large Cap	197	624	10,141
Stock Futures	1,507	11,132	336,178
ADMIE (IPTO) HOLDING S.A. (CR)	28	249	5,982
ALPHA BANK (CR)	87	649	42,056
ATTICA BANK S.A. (CR)	1	1	7,909
CC HBC AG (CR)	3	7	249
CENERGY HOLDINGS (CB)	26	143	7,378
ELLAKTOR (CR)	61	388	23,696
EUROBANK ERGASIAS (CR)	80	1,057	47,434
EYDAP S.A. (CR)	41	200	668
FOURLIS (CR)	5	6	40
GEK TERNA (CR)	20	258	11,243
HELLENIC EXCHANGES-A.S.E. (CR)	130	332	3,072
HELLENIC PETROLEUM (CR)	9	35	2,195
INTRACOM HOLDINGS (CR)	14	192	3,405
INTRALOT (CR)	24	122	4,664
JUMBO SA (CR)	18	71	1,010
LAMDA DEVELOPMENT SA (CR)	307	2,192	2,283
MARFIN INVESTMENT GROUP (CR)	39	486	65,681
MOTOR OIL (CR)	1	1	719
MYTILINEOS (CR)	62	252	11,809
NATIONAL BANK (CR)	113	2,222	37,303
OPAP (CR)	43	138	1,636
OTE (CR)	91	383	3,080
P.P.A. S.A. (CR)	26	120	759
PIRAEUS BANK (CR)	153	1,068	30,296
PPC (CR)	72	380	11,230
TERNA ENERGY (CR)	35	122	3,838
TITAN CEMENT (CB)	1	1	68
VIOHALCO SA/NV (CB)	17	57	6,475
Index Options	19	131	1,256
FTSE/Athex Large Cap	19	131	1,256
Stock Options	8	40	822
ALPHA BANK (CR)	0	0	11
NATIONAL BANK (CR)	0	0	160
OPAP (CR)	0	0	441
OTE (CR)	0	0	52
PIRAEUS BANK (CR)	0	0	122
PPC (CR)	8	40	36
Total Derivatives Traded	1,731	11,927	348,397

Daily Official List Section 2: Analytic F	Figures o	f Shares	Transactions	S															Year: 140 Monda	Trading I y, 23 Dec	-	
Number of Outstanding Securities		ends [1] 017 201	Date of Last 8 Dividend [2]	t Coupon Right	Note	Shares	Closing price	% change	Previous closing price/date	Open price	Price Price Last Avg min max price price		Last Ask [7]	P/E after	Year	Volume	Trades	Transactions Value[8]	Company Mk Value (thou. €		Year high	
Main Market - H	-ligh Li	quidit	y Class																			
1,543,699,381 0.300			07/04/2008	18/04/2017		ALPHA BANK (CR)	1.917	1.97 #	1.88 20/12/2019	1.862	1.86 1.92 1.917	1.906 864@1.91	5096@1.92			1,756,223	2,569	3,346,818.2	4 2,959,271.71	0.841 1	.983	30101010
461,254,013 0.300			04/06/2008	30/04/2018		ATTICA BANK S.A. (CR)	0.406	3.05 #	0.394 20/12/2019	0.396	0.39 0.408 0.406	0.401 1500@0.401	6000@0.408			416,520	243	166,817.5	6 187,269.13	0.0992	0.62	30101010
190,162,681				07/12/2016		CENERGY HOLDINGS (CB)	1.322	2.01 #	1.296 20/12/2019	1.292	1.292 1.334 1.322	1.323 2500@1.30	665@1.32			103,538	189	136,982.2	2 251,395.06	1.182	1.61	50202010
369,285,526 6.70	0.44	0.54	2.57 04/07/2019	29/04/2013		CC HBC AG (CR)	30.18	2.06 #	29.57 20/12/2019	29.56	29.56 30.2 30.18 3	30.044 451@30.01	885@30.18			26,101	145	784,184.4	611,145,037.17	26.81	35.2	4510102
51,807,314 0.810			21/06/2010	23/07/2019		FOURLIS (CR)	5.78	-0.86 (E	5.83 20/12/2019	5.59	5.59 5.93 5.78	5.838 754@5.70	166@5.78			40,772	145	238,025.3	7 299,446.27	3.775	5.93	40401010
76,000,000 1.00			03/07/2007	17/09/2018		INTRACOM HOLDINGS (CR)	0.811	0.62 #	0.806 20/12/2019	0.81	0.8 0.824 0.811	0.814 1111@0.811	500@0.814			91,874	126	74,764.1	3 61,636.00	0.61 1	.202	15101010
136,059,759 0.880	0.36	0.36	0.39 11/11/2019	05/03/2014		JUMBO SA (CR)	18.72	3.20 #	18.14 20/12/2019	18.38	18.38 18.75 18.72 1	18.585 227@18.67	8@18.71			135,875	1,022	2,525,229.5	6 2,547,038.69	12.22 1	9.24	4020304
176,736,715 0.300			30/05/2007	27/11/2019		LAMDA DEVELOPMENT SA (CR)	8.11	1.76 #	7.97 20/12/2019	7.97	7.85 8.36 8.11	8.135 650@8.10	50@8.15			778,060	1,648	6,329,367.7	4 1,433,334.76	5.2909 9.5	5086	35101010
939,510,748 0.300			26/04/2007	29/08/2014		MARFIN INVESTMENT GROUP (CR)	0.0935	2.63 #	0.091 20/12/2019	0.0914	0.091 0.0935 0.0935	0.093185000@0.093	40016@0.094			1,576,993	252	146,198.2	0 87,844.25	0.067 0.1	1592	30202000
4,419,616 1.58			21/07/2011	04/03/2015		MEDICON S.A (CR)	2.34	-0.85 (E	2.36 20/12/2019	2.2	2.2 2.36 2.36	2.336 100@1.90	325@2.36			1,085	5	2,534.6	0 10,341.90	1.2	2.54	2010201
82,447,868				23/07/2019		TITAN CEMENT (CB)	18.82	1.07 #	18.62 20/12/2019	18.56	18.5 18.82 18.82 1	18.742 1112@18.80	266@18.82			11,184	116	209,608.1	8 1,551,668.88	17.86	20	5010103
259,189,761				26/02/2016		VIOHALCO SA/NV (CB)	3.66	0.97 #	3.625 20/12/2019	3.625	3.6 3.665 3.66	3.62 1978@3.64	594@3.66			136,228	272	493,171.0	0 948,634.53	2.45 4	.495	5510201
232,000,000 2.12		0.0	601 02/08/2019	19/06/2017		ADMIE (IPTO) HOLDING S.A. (CR)	2.39	2.80 #	2.325 20/12/2019	2.325	2.325 2.41 2.39	2.386 9773@2.38	15000@2.40	13.12	2018	316,475	415	754,964.8	6 554,480.00	1.46 2	.465	6510101
71,417,100 0.650	0.4	0.55	0.6 03/06/2019	27/06/2014		AEGEAN AIRLINES (CR)	8.4	2.94 #	8.16 20/12/2019	8.29	8.25 8.44 8.4	8.396 100@8.29	4080@8.40			138,025	348	1,158,903.1	3 599,903.64	6.97	8.73	4050101
103,423,291 0.570			01/08/2011	19/04/2016		GEK TERNA (CR)	7.22	4.33 #	6.92 20/12/2019	6.88	6.88 7.22 7.22	6.047 1300@7.16	3195@7.22			2,167,262	286	13,105,497.6	6 746,716.16	4.08	7.22	5010101
232,000,000 2.48			20/07/2015	12/12/2001		PPC (CR)	4.144	1.07 #	4.1 20/12/2019	4.1	4.054 4.152 4.144	4.121 83@4.12	1554@4.14			311,519	754	1,283,908.9	1 961,408.00	1.201	4.25	6510101
914,715,153 3.00			16/05/2008	29/08/2018		NATIONAL BANK (CR)	2.969	2.13 #	2.907 20/12/2019	2.895	2.885 2.973 2.969	2.944 636@2.96	12521@2.97			1,474,754	2,191	4,341,077.5	1 2,715,789.29	0.9	3.15	3010101
214,272,003 1.03			05/07/2011	22/07/2019		ELLAKTOR (CR)	1.67	2.45 #	1.63 20/12/2019	1.62	1.61 1.676 1.67	1.659 3420@1.66	5003@1.67			387,009	521	642,034.2	2 357,834.25	1.1784	2.3	5010101
60,348,000 0.580	0.065 0.	0502	0.05 05/06/2019	05/08/2019		HELLENIC EXCHANGES-A.S.E. (CR)	4.53	0.67 #	4.5 20/12/2019	4.5	4.45 4.59 4.53	4.532 400@4.53	3614@4.53			288,235	735	1,306,351.4	9 273,376.44	3.52	5.23	3020201
305,635,185 2.18		0.4	0.75 01/07/2019	01/10/2003		HELLENIC PETROLEUM (CR)	8.65	3.10 #	8.39 20/12/2019	8.48	8.48 8.65 8.65	8.589 236@8.63	2714@8.65			92,288	396	792,670.4	6 2,643,744.35	7.23	9.6	6010100
114,320,400 0.100	(0.0)175) ###	### 08/07/2019	05/08/2019		IKTINOS HELLAS SA (CR)	1.16	3.57 #	1.12 20/12/2019	1.12	1.106 1.166 1.16	1.15 300@1.15	5590@1.16			121,018	223	139,136.5	5 132,611.66	0.881 1.3	3975	5010103
156,961,721 0.300			30/05/2013	14/11/2007		INTRALOT (CR)	0.3895	5.84 #	0.368 20/12/2019	0.37	0.362 0.3895 0.3895	0.38 4000@0.384	8327@0.390			407,152	289	154,878.0	4 61,136.59	0.3 0	.581	4050102
19,804,134 0.300			01/07/2004	06/11/2017		KEKROPS SA (CR)	1.912	0.63 #	1.9 20/12/2019	1.968	1.9 1.968 1.912	1.912 100@1.91	40@1.91		2018	6,689	47	12,789.5	6 37,865.50	1.24	3.9	3510101
110,782,980 0.750	0.9	1.3	1.3 10/12/2019	04/11/2013		MOTOR OIL (CR)	20.7	2.27 #	20.24 20/12/2019	20.52	20.28 20.82 20.7 2	20.621 12@20.70	223@20.72			77,141	496	1,590,726.4	0 2,293,207.69	19.12	24.4	60101020
142,891,161 0.970		0.32	0.36 26/06/2019	07/07/2017		MYTILINEOS (CR)	9.81	1.87 #	9.63 20/12/2019	9.7	9.67 9.88 9.81	9.816 151@9.81	339@9.82			189,327	903	1,858,476.8	0 1,401,762.29	7.19 1	1.43	5020300
25,000,000 2.00	0.0892 0.	1712 0	424 22/07/2019	08/08/2003		P.P.A. S.A. (CR)	21.3		21.3 20/12/2019	21.8	21.1 21.9 21.3 2	21.346 126@21.30	5@21.55	19.10	2018	30,178	267	644,166.3	0 532,500.00	14.42 2	5.25	5020606
321,623,443 0.300	0.72	0.4	0.7 26/06/2019	25/04/2001		OPAP (CR)	11.73	3.62 #	11.32 20/12/2019	11.48	11.44 11.73 11.73 1	11.625 100@11.50	5218@11.73			494,043	1,457	5,743,131.6	5 3,772,642.99	7.5241 1	2.08	4050102
479,939,319 2.83	0.16 0.	3529 0.5	245 22/07/2019	18/06/1998		OTE (CR)	14.25	3.49 #	13.77 20/12/2019	13.79	13.63 14.25 14.25	13.98 15@14.15	1392@14.25			357,663	1,337	5,000,041.3	0 6,839,135.30	9.5 1	4.25	1510201
436,659,164 6.00			16/05/2008	31/07/2017		PIRAEUS BANK (CR)	2.94	3.52 #	2.84 20/12/2019	2.84	2.84 2.95 2.94	2.907 500@2.92	17444@2.94			764,128	2,269	2,221,474.1	5 1,283,777.94	0.552	3.29	3010101
69,877,484 0.780 (0.0875) (0.14) 0.1	489 24/07/2019	13/06/2018		GR. SARANTIS S.A. (CR)	8.42		8.42 20/12/2019	8.4	8.34 8.57 8.42	8.435 250@8.41	15@8.50			119,420	174	1,007,259.4	7 588,368.42	6.72	9.19	4520102
113,918,936 0.300	0.0939 0.	0419	10/01/2018	07/01/2019		TERNA ENERGY (CR)	7.68	-0.39 CE	7.71 20/12/2019	7.8	7.63 7.8 7.68	7.702 13730@7.66	1@7.69			49,329	248	379,923.5	5 874,897.43	5.3	7.94	6510101
3,709,161,852 0.230			02/05/2008	20/05/2019		EUROBANK ERGASIAS (CR)	0.89	1.31 #	0.879 20/12/2019	0.88	0.8705 0.89 0.89	0.88553884@0.885	1202@0.890			3,509,396	1,632	3,105,366.0	8 3,301,154.05	0.4664 0.9	9925	30101010
Main Market - M	Mediun	n Liqu	idity Class	5																		
13,126,020 0.490			08/07/2010	06/09/2019		AS COMPANY SA (CR)	2.78	1.83 #	2.73 20/12/2019	2.78	2.7 2.78 2.78	2.756 275@2.76	1658@2.78			2,480	17	6,835.2	5 36,490.34	2.38	3.3	4040103
102,847,472 0.300			01/07/2008	01/03/2010		AUDIO VISUAL ENTERPRISES (CR)	0.252	9.57 #	0.23 20/12/2019	0.23	0.23 0.272 0.254	0.253 1000@0.232	330@0.248			18,186	47	4,596.0	4 25,917.56	0.171	0.4	4030101
48,855,000 0.080 (0.2125) (0	.275) ###	### 20/05/2019	25/06/2019		AUTOHELLAS SA (CR)	7.2	1.41 #	7.1 20/12/2019	7.02	7.02 7.2 7.2	7.087 7045@7.12	600@7.22			359,756	346	2,549,539.0	0 351,756.00	5.25	7.32	40201040
35,764,593 2.10	(0.035 0	.055 22/03/2019	25/11/2019		BRIQ PROPERTIES (CR)	2.18	0.93 #	2.16 20/12/2019	2.16	2.16 2.2 2.18	2.104 1700@2.16	9577@2.18	9.42	2018	458,822	50	965,580.7	4 77,966.81	1.8783 2.4	4533	35102030

Daily Official List Section 2: Analytic	Figures	s of Shai	es Transaction	S																		Year: 140 Monda	0	,	No: 244 ber, 2019
Number of Outstanding Securities		vidends [1 2017	Date of Las Dividend [2]	t Coupon Right	Note	Shares	Closing price	% change		us closing ce/date	Open price		Price Last Av max price pri	'y	st Bid [7]	Last Ask [7]	P/E after	Year	T Volume	rades	Transactions Value[8]	Company M Value (thou.		Ye	
15,816,009 0.300			01/07/2009	17/07/2000		BYTE COMPUTER SA (CR)	1.13	0.89 #	1.12	20/12/2019	1.11	1.11	1.14 1.12	1.126 1	1200@1.11	2200@1.13			8,394	30	9,455.18	17,872.09	0.49	1.41	10101010
101,123,806 0.360			22/07/2010	28/06/2011		CENTRIC HOLDINGS (CR)	0.242	2.54 #	0.236	20/12/2019	0.237	0.237	0.244 0.242	0.241 50	000@0.241	8327@0.243			122,358	59	29,439.20	24,471.96	0.118	0.263	40203040
784,500 10.00			0.13 10/10/2019	31/07/2018		CNL CAPITAL (CR)	10.1	-0.98 Œ	10.2	20/12/2019	10.1	10	10.2 10.2	10.058 2	200@10.00	250@10.20	-(6)-	2018	546	10	5,491.50	7,923.45	9.35	10.5	30202000
52,800,154 0.300			20/08/2014	21/06/2004		F.G. EUROPE S.A. (CR)	0.322		0.322	20/12/2019	0.322	0.322	0.322 0.322	0.322 1	182@0.322	10@0.386			1,001	4	322.32	17,001.65	0.274	0.62	4020202
20,578,374 0.620	0.07	0.1	08/06/2018	18/05/2015		INFORM P. LYKOS SA (CR)	1.55	0.65 #	1.54	20/12/2019	1.52	1.5	1.55 1.55	1.528	630@1.52	505@1.55			8,046	46	12,293.45	31,896.48	0.744	1.795	5020503
10,500,000 4.00	0.28	0.31	0.36 07/05/2019	02/08/2016		INTERCONTINENTAL (CR)	7.25	-0.69 Œ	7.3	20/12/2019	7.2	7.2	7.45 7.25	7.275 1	1858@7.25	250@7.35			24,528	52	178,436.45	76,125.00	5.5	7.5	35102000
30,477,156 0.300			12/08/2008	17/10/2017		INTRACOM CONSTR. (CR)	1.58		1.58	20/12/2019	1.55	1.53	1.6 1.58	1.574 1	1530@1.57	44@1.58			10,045	52	15,808.28	48,153.91	0.92	2.18	50101010
468,700	0.73	0.73	4.869 25/04/2019	21/05/2004		MERMEREN KOMB. A.D. PR. (GDR)	54.8	4.18 #	52.6	20/12/2019	52.4	52.4	54.8 54.8	53.333	2@52.40	3@55.00	1.13	2018	18	5	960.00	25,684.76	44	76.8	55102000
10,500,000 0.950			24/06/2008	30/06/2017		MEVACO SA (CR)	1.72	1.18 #	1.7	20/12/2019	1.7	1.7	1.72 1.72	1.7	54@1.66	495@1.72		2018	810	4	1,377.20	18,060.00	0.91	1.82	5510201
12,417,000 0.310			0.0205 27/08/2019	28/08/2017		MLS MULTIMEDIA SA (CR)	1.235	2.92 #	1.2	20/12/2019	1.215	1.185	1.24 1.235	1.224	330@1.23	960@1.24	9.58	2018	37,728	130	46,176.94	15,335.00	0.75	5.32	1010101
3,953,090 0.300	0.2	0.16	0.15 06/06/2019	05/12/2012		PAPERPACK (CR)	5.2	4.00 #	5	20/12/2019	4.94	4.94	5.2 5.2	5.013	2@4.94	77@5.15	27.01	2018	168	3	842.12	20,556.07	2.8	5.8	50203030
11,812,193 0.470			29/05/2018	10/07/2019		PROFILE SA (CR)	3.69	4.83 #	3.52	20/12/2019	3.52	3.52	3.7 3.69	3.634	150@3.65	3459@3.69			37,660	180	136,845.79	43,586.99	1.21	4.25	10101010
27,345,120 0.470			18/07/2005	26/02/2014		QUALITY & RELIABILITY SA (CR)	0.184	2.79 #	0.179	20/12/2019	0.187	0.18	0.187 0.184	0.18 39	900@0.180	1966@0.184			24,273	34	4,380.64	5,031.50	0.161	0.271	10101010
35,740,896 0.040			05/09/2008			QUEST HOLDINGS (CR)	7.92	6.17 #	7.46	20/12/2019	7.56	7.38	8.06 7.92	7.878	12@7.88	100@8.00			41,539	200	327,263.02	283,067.90	4.2667	8.06	10101010
57,434,884 1.31			05/06/2008	12/06/2009		REDS S.A. (CR)	1.135	1.34 #	1.12	20/12/2019	1.11	1.11	1.135 1.135	1.121	100@1.09	1394@1.14			4,738	20	5,313.51	65,188.59	0.8	1.3	3510101
6,456,530 1.08			04/07/2019	02/08/2010		SPACE HELLAS SA (CR)	4.56		4.56	20/12/2019	4.56	4.56	4.56 4.56	4.56	100@4.37	100@4.58			20	2	91.20	29,441.78	4.3	5.55	15101010
15,627,315 0.300			16/11/1992	24/07/2019		UNIBIOS (CR)	0.4	3.63 #	0.386	20/12/2019	0.389	0.384	0.4 0.4	0.394 2	245@0.399	4513@0.400			42,480	54	16,747.84	6,250.93	0.2334	0.47	50204000
77,654,850 0.300			01/07/2011	21/02/2003		AVAX S.A. (CR)	0.622	1.14 #	0.615	20/12/2019	0.621	0.61	0.624 0.617	0.618 9	900@0.617	100@0.624			24,405	54	15,077.57	48,301.32	0.286	0.879	50101010
22,016,250 0.370			15/07/2009	11/05/2000		ALUMIL (CR)	1.16	2.66 #	1.13	20/12/2019	1.15	1.115	1.17 1.16	1.149	860@1.14	500@1.17			20,534	61	23,588.03	25,538.85	0.181	2.17	5510203
401,136 15.25		0.75	05/04/2018	12/09/2019		ANDROMEDA SA (CR)	26		26	20/12/2019				2	210@24.80	350@25.80		2018				10,429.54	20.4	26.8	30202010
18,810,000 0.400			08/07/2010	14/11/2007		VARVERIS - MODA BAGNO SA (CR)	0.58	-3.33 Œ	0.6	20/12/2019	0.6	0.58	0.6 0.58	0.591 24	450@0.560	62@0.580			1,767	6	1,044.86	10,909.80	0.262	0.745	4040102
6,325,000 0.600	0.11	0.15	0.103 04/07/2019	17/02/2014		VOGIATZOGLOU SYSTEMS SA (CR)	2.38	0.85 #	2.36	20/12/2019	2.38	2.38	2.38 2.38	2.38	100@2.08	50@2.34			100	1	238.00	15,053.50	1.61	2.44	50205010
24,060,000 0.300	0.01	0.01	0.015 01/07/2019	01/07/2019		GEN. COMMERCIAL & IND.SA (CR)	0.79	3.95 #	0.76	20/12/2019	0.76	0.76	0.79 0.79	0.776	20@0.775	190@0.790	19.72	2018	1,129	11	875.54	19,007.40	0.585	0.9	50205010
34,720,000 0.310			16/06/2010	01/08/2007		DROMEAS SA (CR)	0.396		0.396	20/12/2019				5	500@0.340	1500@0.386						13,749.12	0.2	0.465	40202015
13,673,200 0.880			18/07/2008	26/07/2001		EVROFARMA SA (CR)	1.19	2.15 #	1.165	20/12/2019	1.19	1.175	1.21 1.19	1.192	100@1.18	999@1.19			12,974	29	15,463.46	16,271.11	0.605	1.21	45102020
11,250,000 0.520	0.04		0.04 22/07/2019	09/11/2015		EKTER SA (CR)	1.19	4.39 #	1.14	20/12/2019	1.155	1.15	1.195 1.19	1,174	15@1.18	750@1.20			42,072	112	49,401.32	13,387.50	1.12	1.985	50101010
18,410,839 1.00			07/07/2009	10/09/2010		ELASTRON (CR)	1.43		1.43	20/12/2019					39@1.41	380@1.43	-(6)-	2017				26,327.50		1.685	5510201
375,241,586 0.390			0.03 28/05/2019	14/07/2006		ELVALHALCOR (CR)	1.718	-0.69 Œ	1.73	20/12/2019	1.734	1.718	1.744 1.718	1.731 1	1149@1.72	1125@1.74			79,386	127	137,381.50	644,665.04	1.19	2.095	5510201
31,734,530 1.60			09/07/2007			ELGEKA SA (CR)	0.338			20/12/2019	0.316	0.304	0.348 0.338		750@0.240	1672@0.332			612	15	193.03			0.39	45201010
19,864,886 5.60	0.672	0.672	0.672 04/04/2019			BANK OF GREECE (CR)	14.7	0.69 #		20/12/2019	14.68	14.32			130@14.60	150@14.68			7,665	96	112,068.30			15.2	30101010
26,730,187 0.520		0.04	0.06 09/07/2019			ELTON SA (CR)	1.7	1.19 #		20/12/2019	1.7	1.665	1.7 1.7		1070@1.67		21.90	2017	11,771	61	19,863.88		1.2	1.93	50205010
14,050,971 0.340			13/12/2017			ELTRAK SA (CR)	3.3	7		20/12/2019	3.3	3.3			44762@3.30	2548@3.40			508	2	1,676.40			3.4	50204020
36,300,000 1.12	0.228	0.221	0.126 27/06/2019			THESSALONIKA WATER & SEWERAG		2.11 #		20/12/2019	4.73	4.73	4.86 4.83		100@4.78	331@4.83			26,824	51	129,577.99			5.7	65102030
106,500,000 0.600	0.220	0.221	0.120 27/00/2017			EYDAP S.A. (CR)	7.57	1.20 #		20/12/2019	7.42	7.42			6@7.50	135@7.57			83,970	308	633,601.76			8.37	6510203
27,503,677 0.630	0.1	0.12	0.13 29/05/2019			EUROPEAN RELIANCE INSUR. (CR)	5.14	5.11 #		20/12/2019	4.89	4.88			150@5.02	810@5.14			57,272	229	288,505.79		3.4	5.78	3030201
122,156,754 0.440	0.1	0.12	25/11/2019			IASO SA (CR)	1.484	1.64 #		20/12/2019	1.46	1.46			1000@1.48	3000@1.49			42,500	68	63,148.47			1.49	2010101
86,735,980 0.310			06/07/2009			ATHENS MEDICAL CENTER SA (CR)	2.12	0.95 #		20/12/2019	2.1	2.1			310@2.10	1449@2.12			6,327	25	13,427.31		0.96	2.41	2010101
8,226,132 0.900			15/05/2009			ILYDA S.A. (CR)	0.388	2.11 #		20/12/2019	0.362		0.392 0.388		992@0.386	563@0.390			12,668	25 19	4,840.69			0.48	1010102
						IDEAL GROUP SA (CR)	1.05	-												9					1010101
8,298,467 0.400			30/08/1993	08/05/2013		IDEAL GROUP SA (UK)	1.05	6.06 #	0.99	20/12/2019	0.75	U./5	1.05 1.05	0.803 5	500@0.850	9@1.04			22	9	17.66	8,713.39	0.72	1.22	1010203

Daily Official List Section 2: Analytic F	igures	of Sha	res Transac	ctions	6																Year: 140 Monda	0	,	No: 244 per, 2019
Number of Outstanding Securities		idends [1 2017	Date of 2018 Dividen		Coupon Right	Note	Shares	Closing price	% change	Previous closing price/date	Open price		Price Last A max price p		Last Ask [7]	P/E after	Year	Volume	Trades	Transactions Value[8]	Company Mk Value (thou. (ar Sector[gh 4]
2,566,836 0.440			13/08	/2010	09/01/2007		INTERWOOD-XYLEMPORIA (PR)	0.35		0.35 20/12/2019)				625@0.346						- 6,496.22	0.0725	0.35	50205010
8,424,900 0.500			12/07	/2010	04/07/2019	,	INTERTECH SA (CR)	0.715	3.62 #	0.69 20/12/2019	0.645	0.645	0.72 0.72	0.713 500@0.705	900@0.715		2018	5,749	12	4,101.8	6,023.80	0.387	0.875	50205010
14,679,792 1.68	0.07		28/06	/2017	04/09/2000)	KARATZIS SA (CR)	8.1	-1.22 Œ	8.2 20/12/2019	8	7.95	8.2 8.1	8.078 12@8.10	177@8.20			1,888	16	15,251.3	0 118,906.32	6	8.45	50203030
40,219,218 0.260			02/07	/2018	10/06/2019)	KLOUKINAS - LAPPAS SA (CR)	0.758	2.43 #	0.74 20/12/2019	0.77	0.74	0.77 0.758	0.745 400@0.744	988@0.758			7,294	25	5,437.2	9 30,486.17	0.524	1.08	50101010
11,510,102 0.890			24/06	/2005	06/10/1999)	NAFPAKTOS TEXTILE (CR)	0.735	1.38 #	0.725 20/12/2019	0.71	0.71	0.735 0.735	0.715 1250@0.700	761@0.735			7,650	6	5,467.7	5 8,459.92	0.4	1	55101020
21,224,340 0.420	0.01	0.005	10/09	/2018	25/04/2006	;	KORDELLOS BROS SA (CR)	0.394	0.51 #	0.392 20/12/2019	0.402	0.384	0.404 0.394	0.388 300@0.386	240@0.396		2018	8,139	12	3,158.4	9 8,362.39	0.29	0.69	55102010
33,065,136 0.380	0.09	0.115	0.15 22/08	/2019	16/09/2013	3	KRI-KRI S.A. (CR)	5.56	3.73 #	5.36 20/12/2019	5.4	5.38	5.6 5.6	5.488 50@5.50	150@5.58	18.10	5 2018	35,116	86	192,718.2	2 183,842.16	4.25	5.78	45102020
18,017,472 0.360			15/06	/2010	28/08/2017	1	KTIMA KOSTAS LAZARIDIS SA (CR)	1.54		1.54 20/12/2019)			280@1.23	280@1.50						- 27,746.91	0.75	1.72	45101015
7,595,160 0.600		0.0263	0.0263 10/09	/2019	18/08/2010)	KIRIAKOULIS SHIPPING SA (CR)	1.9	-2.56 Œ	1.95 20/12/2019	1.96	1.9	1.98 1.9	1.928 61@1.90	500@1.94			10,070	29	19,418.1	5 14,430.80	0.81	2.58	40501015
5,939,268 0.620			10/07	/2003	03/01/2002	2	LANAKAM SA (CR)	1.07	7.00 #	1 20/12/2019) 1.1	1.02	1.1 1.07	1.08 100@1.00	250@1.07		2018	2,030	8	2,192.0	6,355.02	0.294	1.15	40401020
17,120,280 0.940			01/06	/2010	02/08/2019)	LOULIS MILLS SA (CR)	3.46		3.46 20/12/2019	3.44	3.44	3.46 3.46	3.448 243@3.40	1896@3.46			2,489	14	8,582.2	4 59,236.17	2.1	3.56	45102020
9,819,370 0.690			14/08	/2007	09/01/2004	ļ	MATHIOS REFRACTORY SA (CR)	0.466	4.48 #	0.446 20/12/2019	0.45	0.424	0.47 0.46	0.46 1000@0.450	1400@0.460			6,572	15	3,025.7	8 4,575.83	0.172	0.61	55101000
29,250,000 0.360			02/06	/2009	25/04/2019)	MOTODYNAMICS S.A. (CR)	1.55	-0.64 Œ	1.56 20/12/2019	1.55	1.55	1.55 1.55	1.55 2500@1.51	833@1.55			2,500	10	3,875.0	0 45,337.50	0.5225	1.61	40401030
32,188,050 1.04			21/07	/2008	20/01/2000)	MOUZAKIS (CR)	0.47	1.29 #	0.464 20/12/2019	0.468	0.468	0.474 0.47	0.47 10@0.470	4990@0.472			16,058	28	7,549.3	7 15,128.38	0.296	0.585	55101020
8,321,682 0.670			17/08	/2007	23/11/1999)	N. LEVENTERIS (CR)	0.131	-7.09 Œ	0.141 20/12/2019	0.131	0.131	0.131 0.131	0.131 1400@0.134	585@0.177		2018	100	1	13.1	0 1,582.74	0.073	0.21	50203000
2,160,524 0.670	0.0436	0.0436	03/12	/2018	23/11/1999)	N. LEVENTERIS (PR)	0.228		0.228 20/12/2019)			2000@0.160	112@0.238		2018				- 1,582.74	0.13	0.268	50203000
294,016,812 0.300			08/07	/2008	21/03/2016	;	NIREFS SA (CR)	0.23	٦	0.23 20/12/2019	0.23	0.23	0.23 0.23	0.2 2 6974969@0.230	59450@0.231			1,746,619	106	401,722.3	7 67,623.87	0.1514	0.231	45102010
4,971,466 1.46			04/07	/2007	08/10/2003	3	PAIRIS SA (CR)	0.3	6.38 #	0.282 20/12/2019	0.282	0.282	0.322 0.322	0.3 300@0.276	891@0.322			1,872	6	561.3	4 1,491.44	0.16	0.62	50203030
25,118,410 0.590			17/08	/2000	25/06/2019)	PAPOUTSANIS (CR)	1.645	4.44 #	1.575 20/12/2019	1.67	1.57	1.67 1.645	1.612 9@1.62	1036@1.65	37.38	3 2018	3,592	23	5,789.2	8 41,319.78	0.95	1.85	45201020
17,175,776 0.370			14/07	/2005	30/09/2003	3	PERSEUS SA (CR)	1.15	-16.67 Œ	1.38 20/12/2019	1.15	1.15	1.19 1.15	1.1511548002@1.15	1300@1.18	6.76	2018	332,409	158	382,638.8	5 19,752.14	0.912	1.465	45102010
22,075,665 0.330	0.05	0.07	0.07 30/05	/2019	27/04/2015	5	PLAISIO COMPUTERS SA (CR)	3.52	1.44 #	3.47 20/12/2019	3.52	3.46	3.52 3.52	3.483 230@3.46	21@3.52			9,799	59	34,132.9	3 77,706.34	3.37	4.37	40401010
43,741,452 0.660		0.0471	0.0444 20/06	/2019	01/11/1999)	THRACE PLASTICS SA (CR)	2.03	3.05 #	1.97 20/12/2019	1.97	1.91	2.04 2.03	1.985 10@1.98	4999@2.02			54,269	190	107,709.0	1 88,795.15	1.79	2.6	50203015
21,912,599 0.300			11/04	/2011	23/02/2007	7	REVOIL (CR)	0.915	-0.54 Œ	0.92 20/12/2019	0.96	0.91	0.96 0.915	0.915 200@0.910	200@0.930	13.68	3 2018	11,420	14	10,452.0	20,050.03	0.392	1.08	60101020
28,438,268 0.300			21/08	/2006	24/11/1999)	SPIROY AGRICULTURE SA (CR)	0.216	2.86 #	0.21 20/12/2019	0.224	0.204	0.224 0.216	0.216 1050@0.210	2599@0.216			3,620	11	783.4	6,142.67	0.18	0.348	45102010
40,693,350 5.00			03/07	/2006	26/05/2015	5	TECHNICAL OLYMPIC SA (CR)	2.43	5.65 #	2.3 20/12/2019	2.3	2.3	2.44 2.43	2.404 800@2.42	929@2.43			50,661	140	121,765.5	1 98,884.84	1.38	2.88	40202010
1,524,000 0.300			06/07	/2007	06/02/2013	3 5225	GIRAKIAN PROFIL SA (CB)	3.64		3.64 20/12/2019)				81@3.86						- 5,547.36	0.865	4.72	55102010
10,203,575 0.730			16/07	/2007	18/10/1999)	FIERATEX SA (CR)	0.53	3.92 #	0.51 20/12/2019	0.49	0.482	0.54 0.53	0.505 800@0.530	1882@0.540	53.54	4 2018	10,530	20	5,320.5	5,407.89	0.142	0.685	55101020
8,340,750 1.16			25/06	/2009	17/09/2018	3	HAIDEMENOS SA (CR)	0.715		0.715 20/12/2019	0.715	0.715	0.715 0.715	0.715 220@0.665	7@0.715		2018	1,471	2	1,051.7	5,963.64	0.44	1.17	50205030
Main Market - L	ow L	iquid	ity Class																					
14,000,000 4.15			23/04	/2010	29/06/1999)	ALPHA REAL ESTATE SA(CR)	6.7		6.7 20/12/2019	6.9	6.9	6.9 6.9	6.9 100@6.80	9@6.90			1	1	6.9	93,800.00	6.05	8.1	35101015
215,805,843 0.300			20/07	/2009	29/12/2010)	ATTICA HOLDINGS (CR)	1.255	-0.40 Œ	1.26 20/12/2019	1.26	1.24	1.28 1.27	1.257 100@1.29	80@1.29			36,817	37	46,274.9	9 270,836.33	1.15	1.475	40501015
9,907,500 0.300			06/10	/2005	13/02/2002	2	CPI SA (CR)	0.34	-5.56 Œ	0.36 20/12/2019	0.34	0.34	0.34 0.34	0.34 2001@0.324	1000@0.350		2018	1,000	1	340.0	3,368.55	0.186	0.44	10102030
11,720,024 0.540			21/08	/2014	30/08/2019)	FLEXOPACK SA (CR)	7		7 20/12/2019)			200@6.75	150@7.15					-	- 82,040.17	6.25	7.95	50203030
4,740,000 0.860					14/03/2003	3	LOGISMOS S.A. (CR)	0.46		0.46 20/12/2019				810@0.450	300@0.488	57.80	2018			-	- 2,180.40	0.39	0.595	10101015
109,169,707 0.500			25/04	/2014	19/07/2019)	TRASTOR REAL EST. INV. CO.(CR)	1.02	0.99 #	1.01 20/12/2019	1.03	1.02	1.04 1.02	1.022 2676@1.01	46@1.02	32.3	7 2018	3,950	14	4,036.0	0 111,353.10	0.692	1.24	35102000
15,300,000 0.300			30/07	/2009	13/12/1999)	ATTICA PUBLICATIONS SA (CR)	0.342		0.342 20/12/2019	0.354	0.354	0.36 0.36	0.358 1000@0.330	700@0.360			250	3	89.5	5,232.60	0.202	0.505	40301030
23,986,500 1.05			26/06	/2009	15/03/2000)	BIOKARPET S.A.(CR)	0.905	2.26 #	0.885 20/12/2019	0.95	0.86	0.95 0.86	0.943 240@0.860	250@0.940			2,753	13	2,597.3	5 21,707.78	0.45	1.05	50101035
4,968,600 2.88			01/07	/1998	14/12/1998	3	VIS SA (CR)	0.9		0.9 20/12/2019		0.82	0.82 0.82	0.82 100@0.840	100@0.990		2018	200	1	164.0	0 4,471.74	0.645	1.04	50203030
8,418,750 0.300	0.3	0.28	0.32 12/06	/2019	27/06/2012	2 5224	GEKE SA (CB)	5.5	7	5.5 20/12/2019)										- 46,303.13	4.6	5.5	40501025

Daily Official List Section 2: Analytic	Figure	s of Sha	res Transactior	IS														Year: 140 Monda	Frading I y, 23 Dec		
Number of Outstanding Securities		vidends [2017	Date of Las 2018 Dividend [2]	' Noto	Shares	Closing price	% change	Previous closing price/date	Open price	Price Price Last Avg min max price pric		Last Ask [7]	P/E after	Year	Tr	ades T	ransactions Value[8]	Company Mk Value (thou. €		Year high	
15,000,000 0.300			06/07/2007	7 18/07/2000	DAIOS PLASTICS SA (CR)	3.2	7	3.2 20/12/2019			500@2.96	285@3.52						48,000.00	2.62	3.2	50203015
27,848,000 0.300		0.0034	20/08/2018	8 02/09/2003	NEWSPHONE HELLAS SA (CR)	0.47		0.47 20/12/2019			5000@0.430	14287@0.470						13,088.56	0.326 0.	.545	15102015
3,307,500 0.210			11/08/2010	0 04/12/2019	ELVE SA (CR)	4.4		4.4 20/12/2019	4.5	4.5 4.5 4.5	4.5 50@4.22	691@4.50			9	1	40.50	14,553.00	3.14	4.86	40204020
23,828,130 0.500	0.052	0.06	0.05 22/07/2019	9 17/02/2009	ELINOIL S.A. (CR)	1.72	2.38 #	1.68 20/12/2019	1.72	1.66 1.72 1.72	1.686 350@1.68	688@1.72			1,927	16	3,249.54	40,984.38	1.22	1.99	60101020
34,986,430 0.440			25/07/2008	8 23/02/2010	INTERWOOD-XYLEMPORIA (CR)	0.16		0.16 20/12/2019	0.176	0.176 0.176 0.176	0.176	1050@0.176			950	1	167.20	6,496.22	0.072 0.	.176	50205010
9,742,920 0.400			12/08/2016	6 14/07/2000	KARAMOLEGOS SA (CR)	1.58	-1.25 (E	1.6 20/12/2019	1.54	1.54 1.6 1.58	1.581 300@1.55	416@1.74			730	4	1,154.20	15,393.81	1.14	2.48	45102020
2,760,000 11.83	9.2	9.2	9.5 01/07/2019	9 16/07/1990	KARELIA (CR)	290		290 20/12/2019	290	290 290 290	290 25@282.00	4@294.00			25	1	7,250.00	800,400.00	240	290	45103010
6,700,000 0.800	0.028	0.028	0.043 24/07/2019	9 29/05/2014	MILLS KEPENOS (CR)	1.73		1.73 20/12/2019			100@1.62	510@1.84	18.00	2018				11,591.00	1.23	1.78	45102020
6,200,000 0.500			22/06/2010	0 01/11/1995	MINERVA KNITWEAR (CR)	0.236	-9.23 (E	0.26 20/12/2019	0.234	0.234 0.236 0.236	0.235 200@0.238	200@0.270			649	2	152.76	1,463.20	0.153 0.	.314	40204020
21,364,000 1.12		0.2	0.2 29/07/2019	9 10/08/2005	LAMPSA HOTEL SA (CR)	20.4		20.4 20/12/2019			200@19.90	200@20.40						435,825.60	17.4	20.4	40501025
6,340,000 0.600			0.05 31/10/2018	B 02/12/2019	NAKAS MUSIC	2.02	-3.81 (E	2.1 20/12/2019	2.08	2 2.1 2.02	2.015 500@1.95	95@2.02	17.02	2017	699	7	1,408.42	12,806.80	1.33	2.22	40401030
10,080,000 3.00	0.49	0.45	0.57 02/07/2019	9 27/08/2001	TPA SA (CR)	27.9	7	27.9 20/12/2019	27.8	27.8 27.9 27.8	27.835 20@26.90	650@28.00	16.40	2018	4,012	27	111,672.30	281,232.00	23.9	31	50206060
7,070,400 0.930			30/11/2016	6 06/05/2016	PETROPOULOS PETROS (CR)	7.9		7.9 20/12/2019			500@7.55							55,856.16	6.46	7.9	50206015
27,379,200 0.300		0.148	0.294 16/08/2019	9 24/08/2018	CRETE PLASTICS SA (CR)	15	6.38 #	14.1 20/12/2019	14	14 15 15	14.7 186@15.00	45@15.40			37,780	71	555,371.60	410,688.00	9.85	15	50203015
255,494,534 3.00	0.2	0.22	0.286 18/12/2019	9 23/12/2015	PRODEA (CR)	6.05		6.05 20/12/2019			32@6.00	75@6.65						1,545,741.93	4.4	6.45	35102000
4.181.450 0.500			21/08/2000	0 05/03/2002	FLOUR MILLS SARANTOPOULOS SA	3.3		3.3 20/12/2019				1169@2.98						13,798,79	0.565	3.3	45102020
812,382 Surveillance				15/06/2016	ALPHA ETF FTSE Athex Large Cap	23.56	3.56 #	22.75 20/12/2019	23.1	23.1 23.56 23.56	23.101 10@22.00				408	5	9,425.26		15.86 24	4.45	12003
5,867,311 0.300			11/00/2010	0 28/04/2017 512		0.24		0.24 20/12/2019				15@0.230						1,408.15	0.175 (0.67	50205010
172,577,414 0.300					1 Forthnet (CR)	0.24	2.50 #	0.4 20/12/2019	0.4	0.4 0.41 0.41	0.408 750@0.388	1206@0.410			1,303	6	531.73				15102015
355,437,751 0.100			07/07/2010		0 FRIGOGLASS SA (CR)	0.195		0.194 20/12/2019		0.193 0.195 0.195	0.194 12029@0.193	98000@0.195			104,780	41	20,315.54		0.0855 0.		50204000
51,081,030 1.00					2 LAVIPHARM SA (CR)	0.175		0.197 20/12/2019		0.21 0.21 0.21	0.174 1202 9@0.193	3794@0.210			6,020	6	1,264.20				20103015
14,967,940 0.500					6 PASAL DEVELOPMENT S.A. (CR)	0.086				0.0855 0.0855 0.0855	0.086 1731@0.086	400@0.090			1.669	3	1,204.20				35101010
65,326,268 0.530				7 19/07/2006 475		0.000		0.024 20/12/2019		0.0285 0.0285 0.0285	0.029 5000@0.020	9000@0.029			1,000	2	28.50		0.016 0.		40202015
33,301,715 0.320				3 08/07/2009 519		0.024		0.055 20/12/2019		0.0445 0.0445 0.0445	0.045 510@0.047	310@0.054			148	5	6.59				50101010
13,000,000 1.00					3 AKRITAS SA (CR)	0.033		0.41 20/12/2019		0.41 0.41 0.41	0.41 1273@0.410	730@0.468			50	5	20.50				50101035
185,373,016 0.300					7 ANEK LINES SA (CR)	0.0505	2.02 #	0.05 20/12/2019		0.0505 0.059 0.0505	0.053 10000@0.044	6337@0.058			22,625	15	1,192.06				40501015
312,163 0.300					9 ANEK LINES SA (PR, issue '90)	0.072		0.072 20/12/2019	0.037	0.0303 0.037 0.0303	200@0.080	0337@0.030			22,023	15	1,172.00				40501015
2,969,713 0.300					8 ANEK LINES SA (PR, issue '96)	0.072		0.1 20/12/2019	0.08	0.08 0.1 0.1	0.08 750@0.095	748@0.100			752	4	60.20				40501015
									0.00	0.00 0.1 0.1		3000@0.128			132		00.20		0.0385 0.		40202015
4,737,503 0.320 6,330,002 0.300					5 VARANGIS AVEPE S.A. (CR)	0.16		0.16 20/12/2019 0.44 20/12/2019				99@0.525		2018							55101020
					2 VARVARESSOS (CR)									2018				2,785.20			
17,579,754 4.16					6 BIOTER SA (CR)	0.054		0.054 20/12/2019				2000@0.059 90@0.192						949.31			50101010
15,878,748 0.480					5 DOMIKI KRITIS SA (CR)			0.193 20/12/2019			1100@0.155							-,	0.05 0.		50101010 40204020
3,961,300 1.28					0 DUROS SA (CR)	0.27	7	0.27 20/12/2019			 5000@0.202	9@0.216		2018				.,			
51,754,364 0.300					7 SELECTED TEXT. IND. ASSOC (CR)	0.25		0.25 20/12/2019			5000@0.202	510@0.250						,			55101020
11,125,110 0.300					8 EUROCONSULTANTS S.A. (CR)	0.2	7	0.2 20/12/2019			500@0.162	500@0.208						EJEE010E			50205020
7,125,216 0.650			01/07/2005	5 14/12/1999 495	5 KRE.KA SA (CR)	0.058	7	0.058 20/12/2019			8000@0.070			2018				413.26	0.0275 0.0	1092	45102010

Daily Official List Section 2: Analytic	Figures	of Shares	s Transaction	IS																Year: 140 T Monday	0	ay No: 244 ember, 2019
Number of Outstanding Securities		idends [1] 2017 201	Date of Las 18 Dividend [2]	. Noto	Shares	Closing price	% change	Previous closing price/date	Open price		Price Lasi max price		Last Bid [7]	Last Ask [7]	P/E after	Year	Volume	Trades	Transactions Value[8]	Company Mkt Value (thou. €)	Year low	Year Sector[high 4]
7,734,375 1.00			09/07/2007	7 07/01/2011 5112	2 LIVANIS SA (CR)	0.065	٦	0.065 20/12/2019						3000@0.078						502.73	0.032 0.0	96 40301030
15,842,391 1.51			15/07/2009	9 12/05/2000 5141	BITROS HOLDING SA (CR)	0.137		0.137 20/12/2019					1400@0.114	375@0.138						2,170.41	0.084 0.2	55102010
119,596,817 0.040			15/07/2008	3 27/04/2017 5 19 0) NIKAS SA (CR)	0.5		0.5 20/12/2019						1500@0.500						59,798.41	0.32	0.6 45102020
24,319,250 0.300			09/07/2002	2 04/07/2007 5165	5 PROODEFTIKH SA (CR)	0.151		0.151 20/12/2019	0.151	0.151	0.151 0.1	51	0.151 1500@0.155	1000@0.167			2,000	4	302.00	3,672.21	0.09 0.2	248 50101010
245,497,664 0.310			01/07/2008	3 30/07/2012 5 207	SELONDA AQUACULTURE SA (CR)	0.1		0.1 20/12/2019	0.1	0.1	0.1 0).1	0.16124522@0.100	910@0.109			774,715	70	77,471.50	24,549.77	0.031	0.1 45102010
10,186,667 1.35			24/06/2008	3 02/02/2016 4887	/ SIDMA SA (CR)	0.48	٦	0.48 20/12/2019	0.51	0.51	0.51 0.	51	0.51 510@0.404	1440@0.500			32	3	16.32	4,889.60	0.204 0	.72 55102010
766,000 1.00			01/07/2004	4 11/12/2012 5 19 3	3 TRIA ALFA SA (CR)	1.8		1.8 20/12/2019						200@2.14	55.15	2018				1,660.55	1.44 3	.18 55101020
245,000 1.00			19/07/2010) 11/12/2012 5 194	tria Alfa sa (pr)	1.15		1.15 20/12/2019							35.23	2018				1,660.55	0.535	2.1 55101020
Suspension St	tatus																					
20,255,805 0.300			22/08/2006	5 02/08/2010 5136	5 AXON HOLDING SA (CR)	0.058		0.058 28/04/2017												1,174.84	0.058 0.0	058 20101010
21,820,410 0.800			22/05/2008	3 02/08/2011 5174	EUROMEDICA SA (CR)	0.448		0.448 30/04/2018												9,775.54	0.448 0.4	48 20101010
66,948,210 0.300			22/09/2015	5 22/09/2015 5179	FOLLI FOLLIE (CR)	4.8		4.8 24/05/2018												321,351.41	4.8	4.8 40401030
13,191,620 0.620			04/08/2010	0 09/09/2002 5217	YALCO - CONSTANTINOU (CR)	0.0555		0.056 30/09/2019												732.13	0.048 0.1	78 40202020
14,870,100 0.300			15/05/2008	3 26/09/2011 5130) ALPHA GRISSIN S.A. (CR)	0.014		0.014 13/04/2017												208.18	0.014 0.0	10102030
33,930,000 0.300			03/07/2006	5 30/05/2001 4865	5 BABIS VOVOS SA (CR)	0.304		0.304 30/03/2012												10,314.72	0.304 0.3	304 35101010
77,126,446 0.340			23/05/2005	5 18/08/2011 5206	G.E. DIMITRIOU (CR)	0.0125		0.013 30/04/2019												964.08	0.01 0.0	40202020
6,000,000 0.600			13/06/2008	3 08/04/2004 5172	2 EUROBROKERS S.A. (CR)	0.008		0.008 27/04/2018												48.00	0.008 0.0	008 30302015
7,085,888 1.59			02/07/1996	5 06/09/2010 5216	5 ELVIEMEK (CR)	2.6		2.6 30/09/2019												18,423.31	2.6	4.7 35101010
24,619,524 0.500					KERAMIA-ALLATINI (CR)	0.088		0.088 30/08/2012												2,166.52	0.088 0.0	088 35101010
31,543,600 0.420			19/07/2010) 19/12/2018 5205	5 KRETA FARM SA (CR)	1.085		1.085 30/04/2019												34,224.81	0.6 1	.22 45102020
25,179,640 0.600					J.BOUTARIS & SON HOLD. SA (CB)	0.026		0.026 01/10/2018												742.45	0.026 0.0	026 45101015
1,540,000 0.600					2 J.BOUTARIS & SON HOLD. (PB)	0.057		0.057 01/10/2018												742.45	0.057 0.0	57 45101015
23,935,280 0.300					NAYTEMPORIKI PUBLISHING SA(CR)	0.107															0.107 0.1	
255,459,600 0.300				0 03/12/2010 5101	. ,	0.07																.07 40501015
23,463,874 0.800					B NEORION SA (CR)	0.125		0.125 30/08/2012													0.125 0.1	
18,750,000 0.300					PEGASUS PUBLISHING S.A. (CR)	0.089		0.089 02/10/2017													0.089 0.0	
100,793,572 0.300) TELETIPOS SA (CR)	0.06		0.06 07/03/2016														.06 40301035
					. ,															-1		.14 45102020
4,034,950 0.680			01/07/2005	5 30/12/2010 5171	CHATZIKRANIOTIS & SONS SA (CR)	0.14	¬	0.14 27/04/2018												564.89	0.14 0	.14

Section 2: Shares' Notes

Shares' Notes

Code		Note text
()	-	Adjusted dividends.
*	-	Last adjusted closing price.
[1]	-	Net dividends.
[2]	-	The "Date of Last Coupon" for New listings refers to the date company's stocks started to trade in Athex
[3]	-	The Company Market Value is refered to the number of outstanding shares
[4]	-	Sectors codification can be found in Appendix A
[5]	-	The Market Value refers to the total number of shares listed (including their several classes) in the exchange by the company.
[6]	-	P/E greater than 100
[7]	-	Last view of the Order Book before the end of the trading session
[8]	-	All Blocks Methods' Transactions Value are included.
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.
5080	-	Transfer to the Surveillance Category as of 06/09/2011.
5093	-	Transfer to the Surveillance Category as of 8/4/2015.
5095	-	Transfer to the Surveillance Category as from 5/4/2013.
5101	-	Suspension of trading as of 1/9/2015.
5110	-	Suspension of trading as of 08/03/2016.
5112	-	Transfer to the Surveillance Category as of 15/04/2016.
5115	-	Transfer to the Surveillance Category as of 15/04/2016.
5123	-	Transfer to the Surveillance Category as of 10/04/2014
5130	-	Suspension of trading as of 18/04/2017.
5136	-	Suspension of trading as of 02/05/2017.
5141	-	Transfer to the Surveillance Category as of 10/05/2017.
5153	-	Suspension of trading as of 03/10/2017.
5154	-	Suspension of trading as of 03/10/2017.
5156	-	Transfer to the Surveillance Category as of 11/12/2017.
5160	-	Transfer to the Surveillance Category as of 15/04/2016.
5161	-	Transfer to the Surveillance Category as of 25/11/2011.
5162	-	Transfer to the Under Supervision Category as of 21/12/2009.
5165	-	Transfer to the Surveillance Category as of 15/02/2018.
5171	-	Suspension of trading as of 30/04/2018.
5172	-	Suspension of trading as of 30/04/2018.
5174	-	Suspension of trading as of 02/05/2018.
5178	-	Transfer to the Surveillance Category as of 11/05/2018.
5179	-	Suspension of trading as of 25/05/2018.
5190	-	Transfer to the Surveillance Category as of 10/04/2012.
5191	-	Suspension of trading as of 02/10/2018.
5192	-	Suspension of trading as of 02/10/2018.
5193	-	Transfer to the Surveillance Category as of 25/10/2018.
5194	-	Transfer to the Surveillance Category as of 25/10/2018.
5195	-	Transfer to the Surveillance Category as of 27/06/2008.
5197	-	Transfer to the Surveillance Category as of 07/11/2018.
5205	-	Suspension of trading as of 02/05/2019.
Lallania	F	shanges Athens Stack Evolution S A

Section 2: Shares' Notes

Shares' Notes

Code		Note text
5206	-	Suspension of trading as of 02/05/2019.
5207	-	Transfer to the Surveillance Category as from 13/05/2019.
5216	-	Suspension of trading as of 01/10/2019.
5217	-	Suspension of trading as of 01/10/2019.
5224	-	Temporary suspension of trading between 23/12/2019 and 30/12/2019, due to the conversion to (CR) shares.
5225	-	Temporary suspension of trading between 23/12/2019 and 30/12/2019, due to the conversion to (CR) shares.

Daily Official List Section 3: Figures of Securities Transactions	Year: 140 Trading D Monday, 23 Dece	,			
Securities Blocks Details					
Securities	Block Volume	Price	Block Trade Value	Time of approval	Note
BRIQ PROPERTIES (CR)	431,000	2.10	905,100.00	12:40:45	20
GEK TERNA (CR)	2,070,000	6.00	12,420,000.00	12:48:36	20
AEGEAN AIRLINES (CR)	54,131	8.40	454,700.40	12:59:15	20
AUTOHELLAS SA (CR)	45,980	6.98	320,940.40	16:01:30	20

Blocks Notes

9 - Method 6-1 / Special Fees

10 - Method 6-1 / Special Fees, SDS

- 14 Method 6-3 / Settlement, Incomplete Buy and Sell
- 18 Method 6-2 / SPOT 1

19 - Method 6-2 / SPOT 2

- 20 Method 6-1 and Method 6-1 Same Day Settlement
- 21 Other Pre-agreed

Daily Offic Section 3:		ecurities Tra	nsactions							Y		ding Day No: 244 3 December, 2019
Shares I	Rights De	tails										
Occured date	Exercise from	Exercise until	Trading until	Rights	Price min	Price max	Closing price	Last Bid	Last Ask	Volume	Trades	Transactions Value

No Rights Transactions.

Daily Official List Section 3: Figures of Securities Transactions				Year: 140 Trading I Monday, 23 Dec	,
Securities Forced Sales					
Securities	Category of Security	Transaction s Volume	Number of Trades	Transactions Value	Note
No Forced Transactions.					

Forced Sales Notes

1 - Normal Forced Sale.

2 - Forced Sales of Fixed Registered Shares.

3 - Forced Sales of Remaining Stock Fractions.

Daily Official List Section 3: Figures of Securitie	es Transactions								: 140 Trading Ionday, 23 Dec	5
Forced Sales Register	ed Shares									
Securities	Start Date	End Date	Initial Volume	Remaining Volume	Date	Avg price (day)	Avg price (period)	Number of Trades	Transactions Volume	Transactions Value
No Fixed Registered Shares	s 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: 140 Trading Day No: 2Section 3: Figures of Securities TransactionsMonday, 23 December, 20													
Exchange Traded Funds (ETFs) Ch	aracteristics												
	Transactions Date (T)	Creation / Redemption	Units (T-1)	New Units (T-1)	Redemptio n Units (T-	Units (T) [1]	Fund Assets [2]	Net Unit Price	Dividen d per	Dividend Date			
ALPHA ETF FTSE Athex Large Cap	23/12/2019	5,000	812,382			812,382	18,640,720.00	22.9458	0.43	30/06/2018			

ETFs Notes

[1] - Units (T) = Units (T-1) + New Units (T-1) - Redemption Units (T-1)
[2] - The Creation / Redemption Units of T-1 are included.

Section 5: Bonds traded in Fixed Income Assets Market

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 Price max Clo pr	rice	Previous cl price/da	/olume	Transactions Value	Last or Price	der Buy / Sell	Date	ear min	Year max
171,268,704	0.30	0.30	1.00	11/10/2025	9		13		1 FORTHNET S.A. (Convertible)				 		1.0000	В	23/10/2019	100.0000	100.0000

Corporate Bonds Notes

Transactions Volume = (Pieces) * (Nominal Price). Transactions Value = (Pieces) * (Nominal Price) * (price %) + (Accrued interest). The price of a Bond is stated as a percentage (%) of Bond's Nominal Price. Nominal Price in Euros (€), except if it is noted differently.

Section 5: Bonds traded in Fixed Income Assets Market

Non Convertible Corporate Bonds - Regulated Market

Num Listed Bonds	Nominal price	Issue price	Today's Rate	Exp. Date	Duration (years)	Note	C Common	oupon Preffered	Tradir g	Corporate Bonds	Accrued Yield.T.M Int.	lat Price m	n Price max	Closing price	Previous closing price/date	Volume	Transactions Value	Last or Price	der Buy / Sell	Date	ear min	Year max
175,000	1,000.00	1,000.00	3.40	26/07/2024	5		1		1	ATTICA HOLDINGS S.A. (Non Convertible)	14.8278 3.5080	98.700	99.9000	99.3667	98.7930 20/12/2019	29,000	29,312.17	99.0000	В	23/12/2019	98.4660	103.4000
300,000	1,000.00	1,000.00	3.10	27/06/2022	5		5		1	MYTILINEOS HOLDINGS S.A. (Non Convertible)	2.7700) 100.250	0 100.5000	100.2700	100.5000 20/12/2019	65,000	65,231.29	100.2500) В	23/12/2019	100.2700	103.4000
50,000	1,000.00	1,000.00	4.25	20/06/2022	5		6		1	SYSTEMS SUNLIGHT S.A. (Non Convertible)	1.1806 3.4470) 100.800	0 101.0000	101.0000	100.9080 20/12/2019	45,000	45,473.13	101.0000) B	23/12/2019	99.4118	104.5000
200,000	1,000.00	1,000.00	3.50	21/03/2022	5		6		1	O.P.A.P. S.A. (Non Convertible)	9.5278 3.0250) 100.320	0 100.4500	100.3808	100.4520 20/12/2019	228,000	231,040.53	100.3500) B	23/12/2019	100.3495	103.5200
24,260	1,000.00	1,000.00	4.95	26/06/2023	5		3		1	B&F COMM. & GARM. INDUS. S.A. (Non Convertible)	6.7240) 93.459	93.4599	93.4593	92.8600 20/12/2019	3,000	2,805.02	91.5000	В	23/12/2019	90.1276	98.5000
90,000	1,000.00	1,000.00	3.00	11/05/2023	5		4		1	CORAL A.E. (Non Convertible)	4.0833 1.8260) 103.500	0 103.5000	103.5000	103.0000 20/12/2019	2,000	2,078.17	103.5000) B	23/12/2019	100.2726	104.9499
120,000	1,000.00	1,000.00	3.95	04/04/2025	7		4		1	GEK TERNA S.A. (Non Convertible)	9.5458 2.7540) 104.700	0 104.7000	104.7000	104.1000 20/12/2019	15,000	15,848.19	104.7000) B	23/12/2019	99.0000	107.2000
40,000,000	1.00	1.00	5.00	04/10/2021	5		13		1	HOUSEMARKET S.A. (Non Convertible)	0.0121 2.2930) 104.050	0 104.9000	104.0500	104.0000 20/12/2019	23,468	24,827.50	104.0500) B	23/12/2019	101.9500	106.1000
150,000	1,000.00	1,000.00	2.60	22/10/2026	7		1		1	TERNA ENERGY FINANCE S.A. (Non Convertible)	4.9833 2.4430) 100.860	0 100.8800	100.8657	100.8600 20/12/2019	53,000	53,722.92	100.5100) B	23/12/2019	100.1001	102.7000
200,000	1,000.00	1,000.00	3.60	12/03/2026	7		2		1	AEGEAN AIRLINES S.A. (Non Convertible)	10.9000 2.6370) 104.310	0 105.0000	104.8000	103.7570 20/12/2019	7,000	7,403.60	105.0000) В	23/12/2019	100.3628	107.9000

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.

Section 5: Bonds traded in Fixed Income Assets Market

Government Bonds

Number Listed Bonds	Nominal price	Today's Rate	Accrued Interest Calc	Exp. Date [1]	Duration (years)	Note	Coupons Date	Curr. coupon value	Trading Unit	Government Bonds	Price	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
2,500,000	1,000.00	3.45	Actual/Actual	02/04/2024	5		02/04	3.45	1	GGB-FXD-020424-05Y-3.450-1.000									
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	28/11/201
550,418,123	1.00	3.00	Actual/Actual	24/02/2023	11		24/02	3.00	1	GGB-FXD-240223-11Y-2.000-1.00				10.0000 22/06/2015			10.0000	В	11/07/201
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					
4,000,000	1,000.00	3.88	Actual/Actual	12/03/2029	10		12/03	3.88	1	GGB-FXD-120329-10Y-3.875-1.000							100.0000	В	15/10/2019
503,753	1,000.00	0.32 FLR	Actual/360	16/09/2021	2		16/03 - 16/09		1	GGB-FLT-160921-02Y-0.319-1.000									
3,000,000	1,000.00	3.38	Actual/Actual	15/02/2025	7		15/02	3.38	1	GGB-FXD-150225-07Y-3.375-1.000									
250,250	1,000.00	2.90	Actual/Actual	20/03/2023	4		20/03	2.90	1	GGB-FXD-200323-04Y-2.900-1.000									
964,000	1,000.00	3.25	Actual/Actual	20/03/2025	6		20/03	3.25	1	GGB-FXD-200325-06Y-3.250-1.000									
2,100,000	1,000.00	3.55	Actual/Actual	20/03/2026	7		20/03	3.55	1	GGB-FXD-200326-07Y-3.550-1.000									
2,500,000	1,000.00	1.88	Actual/Actual	23/07/2026	7		23/07	1.88	1	GGB-FXD-230726-07Y-1.875-1.000									

Government Bonds Notes

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

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

FLR: Floating Interest Rate.

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

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

Daily Official List	Year: 140 Trading Day No: 244
Section 5: Bonds traded in Fixed Income Assets Market	Monday, 23 December, 2019
Government Bonds	

Number Listed Bonds	Nominal price	Today's Rate	Accrued Interest Calc	Exp. Date [1]	Duration (years)	Note	Coupons Date	Curr. coupon value	Trading Gov	vernment Bonds	Price min	Price max	Closing price	Previous closing price/date	Volume	Transactions Value	Price	Last order Buy / Sell	Date
------------------------	---------------	-----------------	--------------------------	------------------	---------------------	------	-----------------	-----------------------	-------------	----------------	--------------	--------------	------------------	--------------------------------	--------	-----------------------	-------	--------------------------	------

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.

Section 5: Bonds traded in Fixed Income Assets Market

Year: 140 Trading Day No: 244 Monday, 23 December, 2019

Treasury Bills & Zero Coupon Government Bonds

				13-\	Veek Maturi	ty							26-W	/eek Maturi	у							52-W	/eek Maturit	/			
Issue Date	Exp. Date	Initial Rate	Num Listed Bonds	Nominal price	Issue price	Last T Price	rade Date	Volume Traded	Note	Exp. Date	Initial Rate	Num Listed Bonds	Nominal price	Issue price	Last T Price	rade Date	Volume Traded	Note	Exp. Date	Initial Rate	Num Listed Bonds	Nominal price	Issue price	Last T Price	rade Date	Volume Traded	Note
15/03/2019																			13/03/2020	0.95	1,000,000	1,000.00	990.50				
14/06/2019																			12/06/2020	0.47	1,000,000	1,000.00	995.30				
13/09/2019																			11/09/2020	0.29	1,000,000	1,000.00	997.05				

Daily Official Section 5: Go	l List overnment Bonds Tra	ded with the C	Dpen Outcry M	ethod													ing Day N Decembe	
Bonds in Circulation	Currency / Min nominal traded Value	Coupons Payment Date	Current Coupon Value	Note	Coupon	Trading Unit	Issue Date	Duration (years)	Today's Interest	A.I.C in days	Bonds	Last price of previous days	Last (Price	Dutcry in C Buy / Se	Cash (euro) ell Date	Trades in Pieces	Life min	Life Max
Corporate	Bonds in Foreig	gn Currend	cy and Euro	0													-	
103,746	GBP / 10	01/12	0.25		61	1	01/12/1930	98	2.5	360	National Mortgage Bank	2.27 05/02/19	96 2.2	7 S	05/02/1996		2.27	2.27
0	GBP / 10	01/12	0.25		63	1	01/12/1928	100	2.5	360	National Mortgage Bank		-					

Government Bonds Notes	
A.I.C: Accrued Interest Calculation base.	
FLR: Floating Interest Rate.	
The minimum tradeable Nominal Value for all Demeterialised Government Titles is 100 Euros.	
(μτφρ-0)	

Section 6: Additional Infos

Athex & ATHEXClear Members List

lember Name				Stock Market		Derivat	ives Market	ATHE	(Clear Member
uddress	Phone	Fax	Market Member	Remote Member	Market Maker	Proprietary	Market Maker	General Clearing	Direct Clearing
SARRIS SECURITIES S.A.			а						-
ΔΡΑΓΑΤΣΑΝΙΟΥ ΑΤΗΙΝΑ	2103367700								
.PHA BANK A.E.								а	
, STADIOU STR ATHINA	(210)-3260000	(210)-3264116							
3, AVE. ATHINON ATHINA	+30 2103436820	210-3436270							
, STADIOU STR ATHINA	(210)-3265546	(210)-3265811							
PHA FINANCE INVESTMENT SERVICES S.A.			а		а	а	а		а
MEPAIN 5 ATHINA	2103487205								
RGUS STOCKBROKERS LTD			а	а		а			
, Λ.ΚΕΝΝΕΤΥ 12-14 Γ΄ΟΡΟΦΟΣ, Τ.Θ.24863	0035722717000								
TLANTIC SECURITIES LIMITED			а	а					
, ΠΡΟΔΡΟΜΟΥ 37	0035722445400								
(ON SECURITIES S.A.			а			а			
, ΣΤΑΔΙΟΥ 48 ΑΤΗΙΝΑ	2103363800								
TA SECURITIES S.A.			а		а	а			а
, Λ.ΑΛΕΞΑΝΔΡΑΣ 29 ΑΤΗΙΝΑ	2106478900								
NP PARIBAS SECURITIES SERVICES								а	
ΛΑΜΨΑΚΟΥ 2 ΑΤΗΙΝΑ	2107468525								
DFA SECURITIES EUROPE SA			а	а					
12 AVENUE KL?BER 75116									
APITAL SECURITIES S.A.			а			а			
, ΜΗΤΡΟΠΟΛΕΩΣ 58 ΑΤΗΙΝΑ	+30 2103369700								
S SECURITIES INVESTMENT SERVICES S.A.			а						
ΠΑΠΑΡΡΗΓΟΠΟΥΛΟΥ 3 ΑΤΗΙΝΑ	+30 2103360800								
TIGROUP GLOBAL MARKETS EUROPE AG			а	а					
, REUTERWEG FRANKFURT 16									
TIGROUP GLOBAL MARKETS LIMITED			а	а					
33 CANADA SQUARE -CANARY WHARF	+44 02079864000								
REDIT SUISSE SECURITIES (EUROPE) LIMITED			а	а					
, ONE CABOT SQUARE LONDON	+44 2078888888								
REDIT SUISSE SECURITIES SV			а	а					
CALLE AYALA 42, 3A PLANTA-B MADRID									
YCLOS SECURITIES S.A.			а			а			а
Ρ, ΠΑΝΕΠΙΣΤΗΜΙΟΥ 39 ΑΤΗΙΝΑ	6944589533								
EUTSCHE BANK S.A.				а					
, GREAT WINCHESTER STREET LONDON	+44 20 754 54209	00441133361437							
YNAMIC SECURITIES S.A.			а			а			а
ΈΑΛΛΕΩΝ 2 & Λ.ΣΥΓΓΡΟΥ 223 ΝΕΑ SMYRNI	2103677700								
JROBANK EQUITIES INVESTMENT FIRM S.A			а		а	а	а		а
ΡΙΛΕΛΛΗΝΩΝ 10 & ΞΕΝΟΦΩΝΤΟΣ 13 ΑΤΗΙΝΑ	2103720000								
JROBANK ERGASIAS S.A.								а	
OTHONOS STR. ATHINA	(210)-3337969	(210)-3245916							
	(210)-3337000	(210)-3233866							
OTHONOS ATHINA	+30 2103337000	210-3245916							
JROCORP INVESTMENT SERVICES S.A.			а			а			а
, ΠΛ.ΦΙΛΙΚΗΣ ΕΤΑΙΡΕΙΑΣ 14 ΑΤΗΙΝΑ	210-7263600								
JROTRUST INVESTMENT FIRM SA			а						
3, ΣΕΒΑΣΤΟΥΠΟΛΕΩΣ 113 ΑΤΗΙΝΑ	2103363100								
JROXX SECURITIES S.A.			а		а	а	а		а
PALAIOLOGOU CHALANDRI	(210)-6879400	(210)-6879401							
PALEOLOGOU CHALANDRI	+30 2106879400	210-6879401							
A. PERVANAS SECURITIES- INVESTMENT SERVICES S.A.	100 2 10007 7400	210 0077401	а						
A. PERVANAS SECURITIES- INVESTMENT SERVICES S.A. 9, ΣΟΦΟΚΛΕΟΥΣ 7-9 ATHINA	2103727200		a						
OBAL CAPITAL SECURITIES & FINANCIAL SERVICES LTD	2103727200		а	а					
, P.O. BOX 16099	0035722710710		а	a					
	0033722710710		а		а	•			а
	2102211100		a		a	а			a
	2103311100			~					
ELLENIC BANK (INVESTMENTS) LTD	. 157 00500100	257 22500112		а					
WE.KYRIAKOU MATSI 31 - PO BOX 24747 NICOSIA	+357 22500100	357 22500110							
SBC FRANCE	010/0//							а	
9-111, Λ.ΜΕΣΟΓΕΙΩΝ 109-111	2106961125								
DEX SECURITIES S.A.			а						
ΔΡΑΓΑΤΣΑΝΙΟΥ 6 ΑΤΗΙΝΑ	6944589533								

Section 6: Additional Infos

Athex & ATHEXClear Members List

lember Name				Stock Market		Derivati	ves Market		Clear Member
ddress	Phone	Fax	Market Member	Remote Member	Market Maker	Proprietary	Market Maker	General Clearing	Direct Clearing
. CHR. MAVRIKIS SECURITIES S.A.			а						
ΣΟΦΟΚΛΕΟΥΣ 5 ΑΤΗΙΝΑ	2103240185								
APPA SECURITIES S.A.			а			а			
5, ΒΑΛΑΩΡΙΤΟΥ 15 ΑΤΗΙΝΑ	2103610371								
ARAMANOF SECURITIES & INVESTMENT SERVICES S.A.			а			а			
ΠΛ.ΑΓ.ΘΕΟΔΩΡΩΝ 2 ΑΤΗΙΝΑ	+30 2103212947								
AIKI FINANCIAL SERVICES LTD				а					
5, AVE. VYRONOS NICOSIA	357 22367367	357 22718567							
EON DEPOLAS SECURITIES S.A.			а		а	а			
ΧΡΗΣΤΟΥ ΛΑΔΑ 1 ΑΤΗΙΝΑ	2103213276 -28								
EGA EQUITY SECURITIES & FINANCIAL SERVICES PUBLIC LTD			а	а		а			
2-44, ΛΕΩΦ.ΓΡΙΒΑ ΔΙΓΕΝΗ 42-44	0035722711711		•	-		-			
	0033722711711		-						-
ERIT SECURITIES S.A	2102/71000		а		а	а			а
ΣΟΦΟΚΛΕΟΥΣ 5 ΑΤΗΙΝΑ	2103671880			-					
ERRILL LYNCH INTERNATIONAL	005 (755555		а	а					
, 2 KING EDWARD STREET LONDON	9256752391								
. CHRYSSOCHOIDIS SECURITIES S.A.			а			а			а
9, ΣΟΦΟΚΛΕΟΥΣ 7-9 ΑΤΗΙΝΑ	2103213913								
ATIONAL BANK OF GREECE S.A.			а		а	а		а	
5, AIOLOU STR. ATHINA	(210)-3341000	(210)-3228187							
3, AKADIMIAS STR. ATHINA	(210)-3328817	(210)-3328678							
ATIONAL SECURITIES S.A.			а		а	а	а		
ό, ΛΕΩΦ. ΚΗΦΙΣΙΑΣ 66 (ΚΤΗΡΙΟ Α) MAROUSI	2107720000								
UNTIUS BROKERAGE AND INVESTMENT SERVICES S.A			а						
ΔΡΑΓΑΤΣΑΝΙΟΥ 6 ΑΤΗΙΝΑ	2103350599								
NE PLUS CAPITAL LIMITED			а	а					
5 PRODROMOU AVENUE NICOSIA 1307	35722873760		-	-					
PTIMA BANK S.A.	33722073700		а		а	а	а	а	
	2100172//2		a		a	a	a	a	
2 , ΑΙΓΙΑΛΕΙΑΣ 32 & ΠΑΡΑΔΕΙΣΟΥ MAROUSI	2108173662								
ANTELAKIS SECURITIES S.A.	040/015555		а		а	а	а		
7, ΕΘΝΙΚΗΣ ΑΝΤΙΣΤΑΣΕΩΣ 57, ΚΤΙΡΙΟ Β CHALANDRI	2106965000								
EGASUS SECURITIES S.A			а			а			
, ΒΑΛΑΩΡΙΤΟΥ 17 & ΑΜΕΡΙΚΗΣ ΑΤΗΙΝΑ	2103670700								
RAEUS BANK S.A.			а			а		а	
AMERIKIS ATHINA	+30 2103335000	210-3335079							
AMERIKIS STR ATHINA	(210)-3335918	(210)-3254207							
AMERIKIS STR. ATHINA	(210)-3335000	(210)-3335079							
RAEUS SECURITIES S. A.			а		а	а	а		а
ο, ΣΤΑΔΙΟΥ 10 10 ATHINA	2103354100								
ROCHOICE SECURITIES LTD			а	а					
ζΟCHOICE SECURITIES LTD 7, ΛΕΩΦ.ΣΠΥΡΟΥ ΚΥΠΡΙΑΝΟΥ 57, ΑΚΙΝΗΤΑ Φ	0035724661192		•						
	0033724001192		-	~		0			
HARELINK SECURITIES & FINANCIAL SERVICES LTD	0025722554424		а	а		а			
, ELLINAS HOUSE-ØEOTOKH 6	0035722554436								
OCIETE GENERALE S.A.			а	а		а			
7 COURS VALMY, CEDEX	+33 157290504								
DLIDUS SECURITIES S.A			а			а			а
Α, ΛΟΥΙΖΗΣ ΡΙΑΝΚΟΥΡ 64 ΑΤΗΙΝΑ	2106900600								
. EM. LAVRENTAKIS SECURITIES S.A.			а			а			
9, ΣΟΦΟΚΛΕΟΥΣ 7-9 ΑΤΗΙΝΑ	2103213336								
E CYPRUS INVESTMENT & & SECURITIES CORPORATION LTD			а	а					
54, EBPOY 4	0035722121700								
BS EUROPE SE			а	а					
DPERNTURM, BOCKENHEIMER LANDSTRASSE 2-4 2-4	00496921790								
BS LIMITED				а					
, FINSBURY AVENUE LONDON	+44 2075687135			-					

Securities Market Maker	Stock Category Start Market Making
ALPHA ETF FTSE Athex Large Cap ALPHA FINANCE INVESTMENT SERVICES S.A.	Exchange Traded Funds (ETFs) 02/01/1900
ALPHA FINANCE INVESTMENT SERVICES S.A.	25/01/2013
NATIONAL SECURITIES S.A.	02/01/1900
NATIONAL SECURITIES S.A.	07/04/2013
ADMIE (IPTO) HOLDING S.A. (CR)	Main Market
PIRAEUS SECURITIES S. A.	29/06/2017
ALPHA BANK (CR)	Zanorizoti / Main Market
ALPHA FINANCE INVESTMENT SERVICES S.A.	29/02/2016
EUROBANK EQUITIES INVESTMENT FIRM S.A	22/10/2006
EUROBANK EQUITIES INVESTMENT FIRM S.A	24/10/2012
HELLENIC AMERICAN SECURITIES S.A.	06/02/2019
HELLENIC AMERICAN SECURITIES S.A.	25/07/2014
LEON DEPOLAS SECURITIES S.A.	04/01/2016
MERIT SECURITIES S.A	03/09/2013
MERIT SECURITIES S.A	03/09/2012
NATIONAL SECURITIES S.A.	15/01/2013
NATIONAL SECURITIES S.A.	02/01/1900
PIRAEUS SECURITIES S. A.	28/05/2009
PIRAEUS SECURITIES S. A.	28/05/2013
LUMIL (CR)	Main Market
BETA SECURITIES S.A.	18/07/2013
AS COMPANY SA (CR)	Main Market
EUROBANK EQUITIES INVESTMENT FIRM S.A	01/04/2019
ATTICA BANK S.A. (CR)	Main Market
EUROBANK EQUITIES INVESTMENT FIRM S.A	11/11/2019
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
ALPHA FINANCE INVESTMENT SERVICES S.A.	01/07/2019
EUROXX SECURITIES S.A.	02/07/2018
AVAX S.A. (CR)	Main Market
EUROBANK EQUITIES INVESTMENT FIRM S.A	14/12/2015
BRIQ PROPERTIES (CR)	Main Market
EUROBANK EQUITIES INVESTMENT FIRM S.A	09/09/2019
EUROBANK EQUITIES INVESTMENT FIRM S.A	09/01/2019
BYTE COMPUTER SA (CR)	Main Market
MERIT SECURITIES S.A	04/08/2008
MERIT SECURITIES S.A	04/08/2013
CC HBC AG (CR)	Main Market
NATIONAL SECURITIES S.A.	29/04/2013
NATIONAL SECURITIES S.A.	02/01/1900
PIRAEUS SECURITIES S. A.	04/05/2015
ENERGY HOLDINGS (CB)	Main Market
ALPHA FINANCE INVESTMENT SERVICES S.A.	02/01/2017
ALPHA FINANCE INVESTMENT SERVICES S.A.	02/01/2016
EUROBANK EQUITIES INVESTMENT FIRM S.A	02/01/2017
EUROBANK EQUITIES INVESTMENT FIRM S.A	02/01/2016
CNL CAPITAL (CR)	Main Market
MERIT SECURITIES S.A	01/10/2018
EKTER 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
LLAKTOR (CR)	Main Market
ALPHA FINANCE INVESTMENT SERVICES S.A.	18/03/2019
ALPHA FINANCE INVESTMENT SERVICES S.A.	14/03/2019
EUROXX SECURITIES S.A.	24/09/2018
HELLENIC AMERICAN SECURITIES S.A.	14/01/2019
NATIONAL SECURITIES S.A.	25/06/2013
NATIONAL SECURITIES S.A.	02/01/1900
PIRAEUS SECURITIES S. A.	22/10/2018
ELTON SA (CR)	Main Market
BETA SECURITIES S.A.	03/09/2012
BETA SECURITIES S.A.	03/09/2013
LEON DEPOLAS SECURITIES S.A.	01/04/2019

Securities Market Maker	Stock Category Start Market Making
	·
	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
ALPHA FINANCE INVESTMENT SERVICES S.A.	09/01/2006
EUROBANK EQUITIES INVESTMENT FIRM S.A	01/06/2012
EUROBANK EQUITIES INVESTMENT FIRM S.A	01/06/2013
HELLENIC AMERICAN SECURITIES S.A.	25/07/2014
LEON DEPOLAS SECURITIES S.A.	30/11/2018
MERIT SECURITIES S.A	06/11/2017
NATIONAL SECURITIES S.A.	01/01/2017
NATIONAL SECURITIES S.A.	02/01/1900
PIRAEUS SECURITIES S. A.	28/09/2013
PIRAEUS SECURITIES S. A.	28/09/2009
UROPEAN RELIANCE INSUR. (CR)	Main Market
EUROBANK EQUITIES INVESTMENT FIRM S.A	08/07/2019
PANTELAKIS SECURITIES S.A.	15/07/2019
YDAP S.A. (CR)	Main Market
EUROBANK EQUITIES INVESTMENT FIRM S.A	10/06/2019
OURLIS (CR)	Main Market
EUROBANK EQUITIES INVESTMENT FIRM S.A	01/12/2016
PIRAEUS SECURITIES S. A.	06/03/2017
EK TERNA (CR)	Main Market
HELLENIC AMERICAN SECURITIES S.A.	07/09/2015
PIRAEUS SECURITIES S. A.	29/08/2019
R. SARANTIS S.A. (CR)	Main Market
BETA SECURITIES S.A.	14/05/2012
BETA SECURITIES S.A.	14/05/2013
EUROBANK EQUITIES INVESTMENT FIRM S.A	24/10/2016
IELLENIC EXCHANGES-A.S.E. (CR)	Main Market
NATIONAL SECURITIES S.A.	25/06/2013
NATIONAL SECURITIES S.A.	02/01/1900
PIRAEUS SECURITIES S. A.	04/05/2015
IELLENIC PETROLEUM (CR)	Main Market
HELLENIC AMERICAN SECURITIES S.A.	14/09/2015
PIRAEUS SECURITIES S. A.	20/03/2017
KTINOS HELLAS SA (CR)	Main Market
ALPHA FINANCE INVESTMENT SERVICES S.A.	01/04/2019
EUROBANK EQUITIES INVESTMENT FIRM S.A	25/02/2019
NATIONAL SECURITIES S.A.	02/01/1900
NATIONAL SECURITIES S.A.	24/07/2019
NTERCONTINENTAL (CR)	Main Market
LEON DEPOLAS SECURITIES S.A.	03/06/2019
NTRACOM HOLDINGS (CR)	Main Market
LEON DEPOLAS SECURITIES S.A.	08/10/2018
NTRALOT (CR)	Main Market
EUROBANK EQUITIES INVESTMENT FIRM S.A	01/06/2012
EUROBANK EQUITIES INVESTMENT FIRM S.A	18/12/2017
EUROXX SECURITIES S.A.	12/06/2017
HELLENIC AMERICAN SECURITIES S.A.	30/05/2018
PANTELAKIS SECURITIES S.A.	07/05/2018
PIRAEUS SECURITIES S. A.	28/09/2009
PIRAEUS SECURITIES S. A.	28/09/2013
UMBO SA (CR)	Main Market
MERIT SECURITIES S.A	06/11/2017
PIRAEUS SECURITIES S. A.	06/03/2017
ARAMOLEGOS SA (CR)	Main Market
EUROXX SECURITIES S.A.	04/10/2019
LOUKINAS - LAPPAS SA (CR)	Main Market
BETA SECURITIES S.A.	22/09/2014
RI-KRI S.A. (CR)	Main Market
EUROBANK EQUITIES INVESTMENT FIRM S.A	07/05/2018
LEON DEPOLAS SECURITIES S.A.	16/01/2017
AMDA DEVELOPMENT SA (CR)	Main Market
EUROBANK EQUITIES INVESTMENT FIRM S.A	08/12/2014
PANTELAKIS SECURITIES S.A.	06/11/2017
	29/06/2017

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EUROBANK EQUITIES INVESTMENT FIRM S.A 06/02/2019 APOUTSANIS (CR) Main Marked ALPHA FINANCE INVESTMENT SERVICES S.A. 19/11/2018 BETA SECURITIES S.A. 25/11/2013 ETROPOULOS PETROS (CR) Main Marked		
APOUTSANIS (CR) Main Market ALPHA FINANCE INVESTMENT SERVICES S.A. 19/11/2018 BETA SECURITIES S.A. 25/11/2013 VETROPOULOS PETROS (CR) Main Market		
ALPHA FINANCE INVESTMENT SERVICES S.A. 19/11/2018 BETA SECURITIES S.A. 25/11/2013 VETROPOULOS PETROS (CR) Main Market		
BETA SECURITIES S.A. 25/11/2013 PETROPOULOS PETROS (CR) Main Market		
ETROPOULOS PETROS (CR) Main Market		

Securities	Stock Category
Market Maker	Start Market Making
IRAEUS BANK (CR)	Main Market
ALPHA FINANCE INVESTMENT SERVICES S.A.	15/04/2019
EUROBANK EQUITIES INVESTMENT FIRM S.A	23/10/2012
EUROBANK EQUITIES INVESTMENT FIRM S.A	22/10/2006
EUROXX SECURITIES S.A.	15/02/2016
HELLENIC AMERICAN SECURITIES S.A.	25/07/2014
HELLENIC AMERICAN SECURITIES S.A.	14/01/2019
LEON DEPOLAS SECURITIES S.A.	30/11/2018
MERIT SECURITIES S.A	16/09/2013
NATIONAL SECURITIES S.A.	02/06/2013
NATIONAL SECURITIES S.A.	02/01/1900
PIRAEUS SECURITIES S. A.	16/02/2013
PIRAEUS SECURITIES S. A.	16/02/2009
PLAISIO COMPUTERS SA (CR)	Main Market
BETA SECURITIES S.A.	05/05/2014
EUROBANK EQUITIES INVESTMENT FIRM S.A	02/03/2015
PPC (CR)	Main Market
ALPHA FINANCE INVESTMENT SERVICES S.A.	08/01/2013
ALPHA FINANCE INVESTMENT SERVICES S.A.	23/07/2018
ALPHA FINANCE INVESTMENT SERVICES S.A.	09/01/2006
EUROBANK EQUITIES INVESTMENT FIRM S.A	22/10/2006
EUROBANK EQUITIES INVESTMENT FIRM S.A	23/10/2012
MERIT SECURITIES S.A	06/11/2017
NATIONAL SECURITIES S.A.	02/01/1900
NATIONAL SECURITIES S.A.	26/03/2013
PIRAEUS SECURITIES S. A.	28/09/2009
PIRAEUS SECURITIES S. A. PIRAEUS SECURITIES S. A.	28/09/2009
PROFILE SA (CR)	Zaio 92013 Main Market
PANTELAKIS SECURITIES S.A.	01/07/2019
DUALITY & RELIABILITY SA (CR)	Main Market
BETA SECURITIES S.A.	20/08/2014
DUEST HOLDINGS (CR)	Main Market
BETA SECURITIES S.A.	26/03/2018
EUROBANK EQUITIES INVESTMENT FIRM S.A	28/01/2019
SPIROY AGRICULTURE SA (CR)	Main Market
EUROBANK EQUITIES INVESTMENT FIRM S.A	02/09/2019
ERNA ENERGY (CR)	Main Market
PIRAEUS SECURITIES S. A.	09/12/2019
THRACE 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 (CB)	Main Market
EUROBANK EQUITIES INVESTMENT FIRM S.A	07/11/2019
EUROBANK EQUITIES INVESTMENT FIRM S.A	06/11/2019
IOHALCO SA/NV (CB)	Main Market
ALPHA FINANCE INVESTMENT SERVICES S.A.	11/03/2008
ALPHA FINANCE INVESTMENT SERVICES S.A.	17/02/2014
EUROBANK EQUITIES INVESTMENT FIRM S.A	04/03/2014
EUROBANK EQUITIES INVESTMENT FIRM S.A	01/01/2017
MERIT SECURITIES S.A	17/03/2014

Daily Official List Section 7: Index Futures

Year: 140 Trading Day No: 244 Monday, 23 December, 2019

Underlying Asset									Derivatives Market					
Price max Price min Closing price change	Delivery Month	Open price	Price max	Price min	Last price	Closing price	Last Bid	Last Ask	Fixing price*	Life high	Life low	Trades	Volume	Open Interest
FTSE/Athex Large Cap														(Trade Unit: 1 Index Point x 2€, Cash Settlement)
2,287.71 2,234.85 2,287.71 2.32%	January 2020	2,243.00	2,294.00	2,241.00	2,294.00	2,294.00				2,294.00		185	537	10,011
	February 2020	2,250.00	2,283.25	2,250.00	2,281.75	2,281.75				2,283.25		12	87	130
	March 2020					2,247.00								
	June 2020					2,258.25								
	September 2020					2,269.75								
	December 2020					2,281.00								···

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

Daily Official List Section 7: Stock Futures

2.41

1.92

0.408

Underlying Asset

Price max Price min Closing price change

ADMIE (IPTO) HOLDING S.A. (CR)

2.39

1.917

0.406

2.80%

1.97%

3.05%

2.325

1.86

ATTICA BANK S.A. (CR)

0.39

ALPHA BANK (CR)

Year: 140 Trading Day No: 244 Monday, 23 December, 2019

(Contract Size: 100 Securities, Physical Delivery)

Open Interest

5,982

42,056

7,909

249

7,378

0.100	0.07		0.0070		0.117	0.117	0.117	0.117
				June 2020				
				September 2020				
				December 2020				
CC HBC	AG (CR)							
30.2	29.56	30.18	2.06%	March 2020	30.10	30.19	30.10	30.19
				June 2020				
				September 2020				
				December 2020				
1.334	1.292	1.322	2.01%	March 2020 June 2020	1.32	1.36	1.32	1.36
				September 2020				
				December 2020				
ELLAKT	OR (CR)							
1.676	1.61	1.67	2.45%	March 2020	1.65	1.69	1.64	1.68
				June 2020				
				September 2020				

Delivery Month

March 2020

June 2020

September 2020

December 2020

March 2020

June 2020

March 2020

September 2020

December 2020

Open price Price max Price min Last price Closing price

2.35

1.88

0.419

2.41

1.91

0.419

2.41

2.35

2.36

2.37

1.91

1.90

1.91

1.92

0.419

0.398

0.400

0.402

30.19

30.02

30.17

1.36

1.31

1.32

1.32

29.87

2.35

1.90

0.419

2.42

1.93

0.419

1.676	1.61	1.67	2.45%	March 2020	1.65	1.69	1.64	1.68	1.68	 	1.76	 61	388	23,696
				June 2020					1.65	 		 		
				September 2020					1.65	 		 		
				December 2020					1.66	 		 		
EUROBA	ANK ERGA	ASIAS (C	R)											(Contract Size: 100 Securities, Physical Delivery)
0.89	0.8705	0.89	1.31%	March 2020	0.882	0.899	0.878	0.891	0.891	 	0.935	 80	1,057	47,434
				June 2020					0.887	 		 		
				September 2020					0.892	 		 		
				December 2020					0.896	 		 		

Derivatives Market

Fixing price*

Last Bid Last Ask

Life high Life low

2.49

1.93

0.485

30.40

1.36

Trades

28

87

1

3

26

Volume

249

....

649

1

7

143

Derivatives notes

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

Hellenic Exchanges – Athens Stock Exchange S.A.	Section 7, 1/4
Market Operation & Development Division - Statistics & Information Services	

Year: 140 Trading Day No: 244 Monday, 23 December, 2019

Section 7: Stock Futures

Underlying Asset										Derivat	ives Market					
Price max Price min	n Closing pri	ice change	Delivery Month	Open price F	Price max	Price min La	ast price Clos	sing price	Last Bid	Last Ask	Fixing price*	Life high	Life low	Trades	Volume	Open Interest
EYDAP S.A. (CR)	?)															(Contract Size: 100 Securities, Physical Delivery)
7.61 7.42	7.57	1.20%	March 2020	7.53	7.62	7.47	7.62	7.62				7.76		41	200	668
			June 2020					7.56								
			September 2020					7.59								
			December 2020					7.63								
FOURLIS (CR)																(Contract Size: 100 Securities, Physical Delivery)
5.93 5.59	5.78	-0.86%	March 2020	5.76	5.86	5.76	5.86	5.86				5.86		5	6	40
			June 2020					5.89								··· ·· ·· ·· ··
			September 2020					5.92								
			December 2020					5.95								
GEK TERNA (CR	२)															(Contract Size: 100 Securities, Physical Delivery)
7.22 6.88	7.22	4.33%	March 2020	7.06	7.25	7.02	7.24	7.24				7.27		20	258	11,243
			June 2020					6.99								··· ·· ·· ·· ··
			September 2020					7.02								
			December 2020					7.06								
HELLENIC EXCH	HANGES-	A.S.E. (CR)													(Contract Size: 100 Securities, Physical Delivery)
4.59 4.45	4.53	0.67%	March 2020	4.55	4.62	4.52	4.58	4.58				4.73		130	332	3,072
			June 2020					4.55								······································
			September 2020					4.57								
			December 2020					4.59								
HELLENIC PETR	ROLEUM	(CR)														(Contract Size: 100 Securities, Physical Delivery)
8.65 8.48	8.65	3.10%	March 2020	8.38	8.48	8.38	8.48	8.48				8.49		9	35	2,195
			June 2020					8.47								
			September 2020					8.52								
			December 2020					8.56								
INTRACOM HOL	DINGS (C	CR)														(Contract Size: 100 Securities, Physical Delivery)
0.824 0.8	0.811	0.62%	March 2020	0.802	0.838	0.802	0.838	0.838				1.01		14	192	3,405
			June 2020					0.814								
			September 2020					0.818								
			December 2020					0.822								
INTRALOT (CR)																(Contract Size: 100 Securities, Physical Delivery)
0.3895 0.362	0.3895	5.84%	March 2020	0.374	0.397	0.374	0.393	0.393				0.402		24	122	4,664
5.5075 0.30Z	0.0070	5.0470	June 2020					0.373								4,004
			September 2020					0.374								
			December 2020					0.375								

Derivatives notes

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

Hellenic Exchanges – Athens Stock Exchange S.A.	Section 7, 2/4
Market Operation & Development Division - Statistics & Information Services	

Daily Official List Section 7: Stock Futures

Underlying Asset

Year: 140 Trading Day No: 244 Monday, 23 December, 2019

				ife low	Life high L													
Open Interest	olume	Volu	Trades			Fixing price*	Last Ask	Last Bid	ing price	st price Clos	rice min La	rice max P	Open price P	Delivery Month	e change	losing price	Price min C	rice max
(Contract Size: 100 Securities, Physical De																	A (CR)	UMBO S
1,010	71		18		19.28				18.60	18.60	18.40	18.60	18.42	March 2020	3.20%	18.72	18.38	18.75
									18.32					June 2020				
									18.42					September 2020				
					····				18.51					December 2020				
(Contract Size: 106 Securities, Physical De															A (CR)	MENT SA	EVELOP	amda d
2,283	2,192	2,1	307	7.00	8.39				8.17	8.17	7.92	8.39	7.92	March 2020	1.76%	8.11	7.85	8.36
									8.05					June 2020				
									8.09					September 2020				
									8.13					December 2020				
(Contract Size: 100 Securities, Physical De															OUP (CR)	ENT GRO	VVESTM	IARFIN I
65,681	486		39		0.110				0.099	0.099	0.096	0.099	0.097	March 2020	2.63%	0.0935	0.091	0.0935
									0.092					June 2020				
									0.092					September 2020				
									0.093					December 2020				
(Contract Size: 100 Securities, Physical De																	IL (CR)	IOTOR (
719	1		1		20.88				20.40	20.40	20.40	20.40	20.40	March 2020	2.27%	20.7	20.28	20.82
									20.44					June 2020				
									20.55					September 2020				
···									20.65					December 2020				
(Contract Size: 100 Securities, Physical De																	OS (CR)	IYTILINE
11,809	252	2	62		10.04				9.90	9.90	9.78	9.97	9.80	March 2020	1.87%	9.81	9.67	9.88
									9.73					June 2020				
									9.78					September 2020				
									9.82					December 2020				
(Contract Size: 100 Securities, Physical De																CR)	L BANK (ATIONA
37,303	2,222	2,2	113		3.10				2.98	2.98	2.90	2.99	2.93	March 2020	2.13%	2.969	2.885	2.973
									2.94					June 2020				
									2.95					September 2020				
···									2.97					December 2020				
(Contract Size: 100 Securities, Physical De																	?)	PAP (CI
1,636	138	1	43		12.01				11.37	11.37	11.24	11.40	11.40	March 2020	3.62%	11.73	11.44	11.73
									11.43					June 2020				
									11.49					September 2020				
									11.55					December 2020				

Derivatives Market

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, 3/4
Market Operation & Development Division - Statistics & Information Services	

Year: 140 Trading Day No: 244 Monday, 23 December, 2019

Section 7: Stock Futures

	Underlyi	ing Asset									Derivat	tives Market					
Price max	Price min	Closing pric	e change	Delivery Month	Open price	Price max	Price min La	ast price Clos	sing price	Last Bid	Last Ask	Fixing price*	Life high	Life low	Trades	Volume	Open Interest
OTE (CF)																(Contract Size: 100 Securities, Physical Delivery)
14.25	13.63	14.25	3.49%	March 2020	13.80	14.30	13.70	14.20	14.20				14.30		91	383	3,080
				June 2020					13.91								
				September 2020					13.98								
				December 2020					14.05								
P.P.A. S	A. (CR)																(Contract Size: 100 Securities, Physical Delivery)
21.9	21.1	21.3	0.00%	March 2020	22.05	22.05	21.28	21.45	21.45				22.80		26	120	759
				June 2020					21.52								
				September 2020					21.62								
				December 2020					21.73								
PIRAEU	S BANK ((CR)															(Contract Size: 100 Securities, Physical Delivery)
2.95	2.84	2.94	3.52%	March 2020	2.85	2.96	2.85	2.95	2.95				3.16		153	1,068	30,296
				June 2020					2.87								
				September 2020					2.88								
				December 2020					2.90								
PPC (CF)																(Contract Size: 100 Securities, Physical Delivery)
4.152	4.054	4.144	1.07%	March 2020	4.13	4.19	4.10	4.19	4.19				4.28		72	380	11,230
				June 2020					4.14								
				September 2020					4.16								
				December 2020					4.18								
TERNA	ENERGY	(CR)															(Contract Size: 100 Securities, Physical Delivery)
7.8	7.63	7.68	-0.39%	March 2020	7.73	7.82	7.69	7.73	7.73				8.04		35	122	3,838
				June 2020					7.79								
				September 2020					7.83								
				December 2020					7.87								
TITAN C	EMENT ((CB)															(Contract Size: 100 Securities, Physical Delivery)
18.82	18.5	18.82	1.07%	March 2020	18.69	18.69	18.69	18.69	18.69				18.90		1	1	68
				June 2020					18.81								
				September 2020					18.90								
				December 2020					19.00								
VIOHAL	CO SA/N	V (CB)															(Contract Size: 100 Securities, Physical Delivery)
3.665	3.6	3.66	0.97%	March 2020	3.66	3.69	3.65	3.68	3.68				3.72		17	57	6,475
				June 2020					3.66								
				September 2020					3.68								
				December 2020					3.70								

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, 4/4
Market Operation & Development Division - Statistics & Information Services	

Section 7: Index Options FTSE/Athex Large Cap

Year: 140 Trading Day No: 244 Monday, 23 December, 2019

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

							C	Call Optio	ns															Put O	ptions						
				Janua	ry 2020							ry 2020			Other Months				Janua	iry 2020						Februar	,			Other Months	
Excerise Price	Open price	Price max	Price mir	n Last price	Closing price	Volume	Open Interest	Open price	Price max	Price min	Last price	Closing price	Volume	Open Interest	Volume Open Interest	Open price	Price max	Price min	Last price	Closing price	Volume	Open Interest	Open price	Price max	Price min	Last price	Closing price	Volume	Open Interest	Open Interest Volume	t Excerise Price
1,725				-	-		-	-	-			•	-	-			-		-	-		-			-	-			-		1,72
1,750	•	-	•	•	•	•	·		•	•	•		•				-	•	•	•	•			•	-	•		•	•		1,75
1,775	•	-				·	-	-	-			-		-		•	-		-	-	-		•			-	-		-		1,77
1,800	•			•	•	•	•	-				-				•	-			•					-			•	•		1,80
1,825	•	-		-	-	•	-	-	-		-	-	•	-		•	-		-	-	-		-		-	-	-		-		1,82
1,850						•		-				-	•	-			-				-	-			-	-	-		-		1,85
1,875	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-		-	•	-	-	-	-	-	-	-		1,87
1,900		-				•				•	•	-	•	-							-	-			-		-		-		1,90
1,925	0.00	0.00	0.00	-	326.00		-	-	-		-	-	-	-		0.00	0.00	0.00	-	0.01	-		-		-	-	-		-		1,92
1,950	0.00	0.00	0.00		301.00	•		0.00	0.00	0.00		300.00	•	-		0.00	0.00	0.00		0.02	-		0.00	0.00	0.00		0.72	•	-		1,95
1,975	0.00	0.00	0.00	-	276.00	•	-	0.00	0.00	0.00	-	276.00	-	-		0.00	0.00	0.00	-	0.07	-		0.00	0.00	0.00	-	1.20		-		1,9
2,000	0.00	0.00	0.00		252.00	•		0.00	0.00	0.00	•	252.00	•	-		0.00	0.00	0.00		0.16	-	-	0.00	0.00	0.00		2.00		-		2,00
2,050	0.00	0.00	0.00	-	202.00	-	-	0.00	0.00	0.00	-	205.00	•	-		0.00	0.00	0.00	-	0.78	-		0.00	0.00	0.00	-	5.00		-		2,05
2,100	0.00	0.00	0.00		154.00	•		0.00	0.00	0.00	•	161.00	•	-		0.00	0.00	0.00		2.90	-	84	0.00	0.00	0.00		10.75	•	-		2,10
2,150	131.00	136.00	131.00	136.00	136.00	2	165	0.00	0.00	0.00	-	121.00	•	-		7.00	136.00	7.00	7.00	7.00	2	209	16.00	16.00	16.00	16.00	16.00	20	-		2,15
2,200	0.00	0.00	0.00		72.00	•	10	0.00	0.00	0.00		87.00		-		21.00	0.00	13.00	13.00	13.00	2	302	38.25	38.25	27.50	29.75	29.75	80	-		2,20
2,250	54.00	54.00	54.00	54.00	54.00	2	45	0.00	0.00	0.00	-	59.00	-	-		0.00	54.00	0.00	-	40.50	-	219	0.00	0.00	0.00	-	58.50		-		2,2
2,300	21.00	32.00	21.00	32.00	32.00	2	60	48.25	48.25	48.25	48.25	48.25	10	-		45.75	32.00	45.75	50.00	50.00	10	28	0.00	0.00	0.00	-	87.50	-	-		2,3
2,350	0.00	0.00	0.00	-	10.25		61	0.00	0.00	0.00	-	23.25	-	-		85.00	0.00	85.00	85.00	85.00	1	73	0.00	0.00	0.00	-	122.00		-		2,35
2,400	0.00	0.00	0.00	-	4.10	-		0.00	0.00	0.00		13.25	-	-		0.00	0.00	0.00	-	152.00	-	-	0.00	0.00	0.00	-	162.00		-		2,40
2,450	0.00	0.00	0.00		1.50	•	-	0.00	0.00	0.00		7.20	•	-		0.00	0.00	0.00		199.00	-		0.00	0.00	0.00	-	206.00		-		2,4
2,500	0.00	0.00	0.00	-	0.45		-	0.00	0.00	0.00	-	3.70		-		0.00	0.00	0.00	-	248.00	-		0.00	0.00	0.00	-	252.00		-		2,50
2,550	0.00	0.00	0.00	-	0.12	•	-	0.00	0.00	0.00	-	1.80		-		0.00	0.00	0.00	-	298.00	-		0.00	0.00	0.00	-	300.00	•	-		2,55
	Totals:					6	341						10	0	0 0						15	915						100	0	0 0	-
	Number o	of Trades	:				6							1	0							7							5	0	

Section 7: Stock Options

ALPHA I	BANK	(CR)																								(Conti	au Size: 100	Jecuntle	S, EXCELCISE	Style: American, Physi	icai Deilve
								Call Option	ons															Put O	ptions						
				Janua	ry 2020						Februar	,			Other Months				Janua	ary 2020						Februar	y 2020			Other Months	
Excerise Price	Open price	Price max	Price min	Last price	Closing price	Volume	Open Intere	st Open price	Price max	Price min	Last price	Closing price	Volume O	pen Interest	Volume Open Interest	Open price	Price max	Price min	Last price	Closing price	Volume	Open Interest	Open price	Price max	Price min	Last price	Closing price	Volume)pen Interest	Open Interest Volume	Excerise Price
0.850						-								-							-							-		-	0.009
0.900						-							-								-	-						-			0.009
0.950						•	•						•	•							•							•	•		0.010
1.000						-							-								-	-						-			0.010
1.100						•	•						•	•							•							•	•		0.011
1.200	0.000	0.000	0.000		0.682	-	•									0.000	0.000	0.000		0.003	-	-						-	•		0.012
1.300	0.000	0.000	0.000		0.582	•	•	0.000	0.000	0.000		0.586	•	•		0.000	0.000	0.000		0.001	•		0.000	0.000	0.000		0.001	•	•		0.013
1.400	0.000	0.000	0.000		0.482	-		0.000	0.000	0.000		0.489	-			0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000		0.004	-			0.014
1.500	0.000	0.000	0.000		0.384	•	•	0.000	0.000	0.000		0.396	•	•		0.000	0.000	0.000		0.001	•		0.000	0.000	0.000		0.011	•	•		0.015
1.600	0.000	0.000	0.000		0.289	-		0.000	0.000	0.000		0.311	-	-		0.000	0.000	0.000		0.006	-	-	0.000	0.000	0.000		0.025	-	-		0.016
1.700	0.000	0.000	0.000		0.202		1	0.000	0.000	0.000		0.235	•			0.000	0.000	0.000		0.020	-	-	0.000	0.000	0.000		0.049	•			0.017
1.800	0.000	0.000	0.000		0.130	-		0.000	0.000	0.000		0.171		-		0.000	0.000	0.000		0.048	-	10	0.000	0.000	0.000		0.085		-		0.018
1.900	0.000	0.000	0.000		0.076		•	0.000	0.000	0.000		0.120	•			0.000	0.000	0.000		0.094	-	-	0.000	0.000	0.000		0.134	•			0.019
2.000	0.000	0.000	0.000		0.040	-		0.000	0.000	0.000		0.081	-			0.000	0.000	0.000		0.157	-	-	0.000	0.000	0.000		0.195	-			0.020
2.200	0.000	0.000	0.000		0.008			0.000	0.000	0.000		0.033				0.000	0.000	0.000		0.326	-	-	0.000	0.000	0.000		0.348				0.022
2.400	0.000	0.000	0.000		0.001	-		0.000	0.000	0.000		0.012	-			0.000	0.000	0.000		0.520	-	-	0.000	0.000	0.000		0.527	-			0.024
2.600	0.000	0.000	0.000		0.001	-	•	0.000	0.000	0.000		0.004	-			0.000	0.000	0.000		0.720	-	•	0.000	0.000	0.000		0.721	-			0.026
2.800	0.000	0.000	0.000		0.001	-		0.000	0.000	0.000		0.001				0.000	0.000	0.000		0.920	-	-	0.000	0.000	0.000		0.920	-	·		0.028
	Totals:					0	1						0	0	0 0						0	10						0	0	0 0	-
	Number o	of Trades:					0							0	0							0.00							0	0	

Section 7: Stock Options

Year: 140 Trading Day No: 244 Monday, 23 December, 2019

NATION	IAL BA	NK (C	R)																					(Contr	act Size: 100) Securiti	es, Excercise	e Style: Ameri	can, Physic:	al Delivery
							C	Call Optio	ns														Put Options							
				January	2020						ebruary 2020			Other Months				January	/ 2020					Februar	y 2020			Other N	lonths	
Excerise Price	Open price	Price max	Price min	Last price	Closing price	Volume	Open Interest	Open price	Price F max	Price min	Last Closing price	^e Volume	Open Interest	Open Interest	Open price	Price max		Last C price	Closing price	Volume	Open Interest	Open price	Price Price min max	Last price	Closing price	Volume	Open Interest	Volume Op	en Interest	Excerise Price
1.000						-	-					-	-							-	-					-	-			0.010
1.100						-	-					-	-							-	-					-	-			0.011
1.200						-	-					-	-							•	-					-	-			0.012
1.300						-	-					-	-								-					-	-			0.013
1.400							-						-														-			0.014
1.500						-	-					-	-								-					-	-			0.015
1.600						-	-						-								-					-	-			0.016
1.700						-							-								-					-	-			0.017
1.800																				•	•					-				0.018
1.900	0.000	0.000	0.000		1.01	-	-	0.000	0.000	0.000	1.02	-	-		0.000	0.000	0.000		0.001		-	0.000	0.000 0.000		0.001	-	-			0.019
2.000	0.000	0.000	0.000		0.913			0.000	0.000	0.000	0.920				0.000	0.000	0.000		0.001	•	•	0.000	0.000 0.000		0.003	-				0.020
2.200	0.000	0.000	0.000		0.714	-	-	0.000	0.000	0.000	0.730	-			0.000	0.000	0.000		0.001		-	0.000	0.000 0.000		0.012	-	-			0.022
2.400	0.000	0.000	0.000		0.521			0.000	0.000	0.000	0.553				0.000	0.000	0.000		0.007	•	•	0.000	0.000 0.000		0.035	-				0.024
2.600	0.000	0.000	0.000		0.345	-	60	0.000	0.000	0.000	0.398	-	30		0.000	0.000	0.000		0.031		-	0.000	0.000 0.000		0.079	-	-			0.026
2.800	0.000	0.000	0.000		0.202			0.000	0.000	0.000	0.272		-		0.000	0.000	0.000		0.088			0.000	0.000 0.000		0.153		-			0.028
3.000	0.000	0.000	0.000		0.104	-	70	0.000	0.000	0.000	0.177	-	-		0.000	0.000	0.000		0.190		-	0.000	0.000 0.000		0.258	-	-			0.030
3.200	0.000	0.000	0.000		0.047			0.000	0.000	0.000	0.109				0.000	0.000	0.000		0.333	•		0.000	0.000 0.000		0.389	•				0.032
3.400	0.000	0.000	0.000		0.019	-		0.000	0.000	0.000	0.063	-	-		0.000	0.000	0.000		0.505		-	0.000	0.000 0.000		0.544	-	-			0.034
3.600	0.000	0.000	0.000		0.006	•	•	0.000	0.000	0.000	0.036	•			0.000	0.000	0.000		0.693		-	0.000	0.000 0.000		0.717	-				0.036
3.800	0.000	0.000	0.000		0.002	-	-	0.000	0.000	0.000	0.020	-	-		0.000	0.000	0.000		0.890		-	0.000	0.000 0.000		0.902	-				0.038
4.000	0.000	0.000	0.000		0.001	•		0.000	0.000	0.000	0.010		-		0.000	0.000	0.000		1.09		-	0.000	0.000 0.000		1.09	•				0.040
4.400	0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000	0.002	-	-		0.000	0.000	0.000		1.49		-	0.000	0.000 0.000		1.49	-				0.044
	Totals:					0	130					0	30	0 0						0	0					0	0	0	0	
	Number o	of Trades:					0						0	0							0.00						0	0		

OPAP (CR)

Section 7: Stock Options

(Con	tract Size: 100 Securities	Excercise Style: A	merican, Physical Delivery)
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								Ca	II Option	s															Put C	Options						
				Janua	ry 2020							February	2020			Other Months				Janua	ry 2020						February 2	2020			Other Months	
Excerise Price	Open price	Price max	Price min	Last price	Closing price	Volume	Open In	terest	Open price	Price F max	Price min	Last Cl price	losing price	Volume	Open Interest	Volume Open Intere	st Open price	Price max	Price min	Last price	Closing price	/olume C)pen Interest	Open price	Price max	Price min	Last Clo price	osing price	Volume (Open Interest	Open Interest	Excerise Price
6.400							-								-														-			0.064
6.800							-								•							•							-	-		0.068
7.200						•								•								•							•			0.072
7.600	0.000	0.000	0.000		3.73	-	-		0.000	0.000	0.000		3.75	-			0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000		0.001	-	-		0.076
8.000	0.000	0.000	0.000		3.33	•			0.000	0.000	0.000		3.35	•			0.000	0.000	0.000		0.001	•		0.000	0.000	0.000		0.001	•			0.080
8.400	0.000	0.000	0.000		2.93		-		0.000	0.000	0.000		2.95		•		0.000	0.000	0.000		0.001	•		0.000	0.000	0.000		0.001	-	-		0.084
8.800	0.000	0.000	0.000		2.53	•			0.000	0.000	0.000		2.55	•			0.000	0.000	0.000		0.003	•		0.000	0.000	0.000		0.003	•			0.088
9.200	0.000	0.000	0.000		2.13	-	-		0.000	0.000	0.000		2.16	-			0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000		0.008	-	-		0.092
9.600	0.000	0.000	0.000		1.74				0.000	0.000	0.000		1.78	•	•		0.000	0.000	0.000		0.002			0.000	0.000	0.000		0.026	•			0.096
10.000	0.000	0.000	0.000		1.35	-	-		0.000	0.000	0.000		1.42	-	-		0.000	0.000	0.000		0.011		3	0.000	0.000	0.000		0.061	-	-		0.100
11.000	0.000	0.000	0.000		0.510	•	20		0.000	0.000	0.000		0.666	•			0.000	0.000	0.000		0.174	•	200	0.000	0.000	0.000		0.310	•			0.110
12.000	0.000	0.000	0.000		0.096	-	18		0.000	0.000	0.000		0.232	-	-		0.000	0.000	0.000		0.761		200	0.000	0.000	0.000		0.877	-	-		0.120
13.000	0.000	0.000	0.000		0.008				0.000	0.000	0.000		0.060				0.000	0.000	0.000		1.68			0.000	0.000	0.000		1.71		-		0.130
14.000	0.000	0.000	0.000		0.001	-	-		0.000	0.000	0.000		0.011	-	-		0.000	0.000	0.000		2.68			0.000	0.000	0.000		2.68	-	-		0.140
15.000	0.000	0.000	0.000		0.001	•			0.000	0.000	0.000		0.002	•	•		0.000	0.000	0.000		3.68			0.000	0.000	0.000		3.68	-	-		0.150
16.000	0.000	0.000	0.000		0.001		-		0.000	0.000	0.000		0.001	-	-		0.000	0.000	0.000		4.68			0.000	0.000	0.000		4.68	-			0.160
17.000	0.000	0.000	0.000		0.001				0.000	0.000	0.000		0.001				0.000	0.000	0.000		5.68			0.000	0.000	0.000		5.68	-			0.170
	Totals:					0	38							0	0	0 0						0	403						0	0	0 0	
	Number o	of Trades					0								0	0						().00							0	0	

OTE (CR)

Section 7: Stock Options

(Contract Size: 100 Securities	. Excercise Style: Americar	 Physical Delivery)

0.2(0	,						C	all Optio	ons																Put O	ptions							
				Janua	ry 2020						February	y 2020			Other Mo	onths				Janua	ary 2020						February	2020			Other	Months	
Excerise Price	Open price	Price max	Price min	Last price	Closing price	Volume	Open Interest	Open price	Price max	Price min	Last C price	Closing price	/olume	Open Interest	Volume Op	en Interest	Open price	Price max	Price min	Last price	Closing price	Volume	Open Interest	Open price	Price max	Price min	Last C price	Closing price	Volume	Open Interest	Volume	Open Interest	Excerise Price
8.400						-	-							-																-			0.084
8.800						•	•						•									•							•				0.088
9.200	0.000	0.000	0.000		4.58	-		0.000	0.000	0.000		4.60	•	-			0.000	0.000	0.000		0.001	•		0.000	0.000	0.000		0.001	•				0.092
9.600	0.000	0.000	0.000		4.18	•	•	0.000	0.000	0.000		4.20	•				0.000	0.000	0.000		0.001	•		0.000	0.000	0.000		0.001	•				0.096
10.000	0.000	0.000	0.000		3.79	-	-	0.000	0.000	0.000		3.80		-			0.000	0.000	0.000		0.001			0.000	0.000	0.000		0.001	•				0.100
11.000	0.000	0.000	0.000		2.79	•	•	0.000	0.000	0.000		2.81	•				0.000	0.000	0.000		0.003	•		0.000	0.000	0.000		0.003	•				0.110
12.000	0.000	0.000	0.000		1.79	-		0.000	0.000	0.000		1.82	•	-			0.000	0.000	0.000		0.001	•		0.000	0.000	0.000		0.011	-				0.120
13.000	0.000	0.000	0.000		0.828	•	•	0.000	0.000	0.000		0.933	•				0.000	0.000	0.000		0.038	•	21	0.000	0.000	0.000		0.119	•				0.130
14.000	0.000	0.000	0.000		0.185	-	31	0.000	0.000	0.000		0.331	•	-			0.000	0.000	0.000		0.396	•		0.000	0.000	0.000		0.517	•				0.140
15.000	0.000	0.000	0.000		0.013	•	•	0.000	0.000	0.000		0.073	-				0.000	0.000	0.000		1.23	•		0.000	0.000	0.000		1.27					0.150
16.000	0.000	0.000	0.000		0.001	-		0.000	0.000	0.000		0.010	•	-			0.000	0.000	0.000		2.23	•		0.000	0.000	0.000		2.23	-				0.160
17.000	0.000	0.000	0.000		0.001	•	•	0.000	0.000	0.000		0.001	•				0.000	0.000	0.000		3.23	•		0.000	0.000	0.000		3.23	•				0.170
18.000	0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000		0.001	-				0.000	0.000	0.000		4.23	•	-	0.000	0.000	0.000		4.23	-				0.180
19.000	0.000	0.000	0.000		0.001	•		0.000	0.000	0.000		0.001					0.000	0.000	0.000		5.23			0.000	0.000	0.000		5.23	•				0.190
	Totals:					0	31						0	0	0	0						0	21						0	0	0	0	
	Number (of Trades					0							0	0								0.00							0		0	

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

PIRAEL	S BAN	IK (CR)																									(Contra	t Size: 1	00 Securi	ies, Excercis	se Style: Ame	ican, Physic	al Deliver:
							(Call Optic	ons																Put (Options							
				Januar	/ 2020						February	/ 2020			Other N	Nonths				Janua	ry 2020						February				Other I	Months	
Excerise Price	Open price	Price max	Price min	Last price	Closing price	Volume	Open Interest	Open price	Price max	Price min	Last C price	Closing price	Volume	Open Interest	Volume O)pen Interest	Open price	Price max	Price min	Last price	Closing price	Volume	Open Interest	Open price	Price max	Price min	Last C price	osing pric	^{ce} Volume	Open Interes	st Volume O	pen Interest	Excerise Price
0.850						-	-						-	-															-	-			0.009
0.900						•							•										•						•				0.009
0.950						-																•	-						-	-			0.01
1.000						•							•										•						•				0.01
1.100						-								-									-						•	-			0.01
1.200						•																•	-							-			0.01
1.300						•							•	-								·	-						-	-			0.01
1.400						•							•										•						•				0.01
1.500						-																•	-						•	-			0.01
1.600						•							•										•						•				0.01
1.700						•							•	-								·	-						-	-			0.01
1.800						•							•										•						•				0.01
1.900	0.000	0.000	0.000		0.943			0.000	0.000	0.000		0.948	-				0.000	0.000	0.000		0.003	•	-	0.000	0.000	0.000		0.001	-	-			0.01
2.000	0.000	0.000	0.000		0.843	•		0.000	0.000	0.000		0.850	•				0.000	0.000	0.000		0.001		•	0.000	0.000	0.000		0.003	•				0.02
2.200	0.000	0.000	0.000		0.645	-	-	0.000	0.000	0.000		0.661	-	-			0.000	0.000	0.000		0.001		-	0.000	0.000	0.000		0.013		-			0.02
2.400	0.000	0.000	0.000		0.453			0.000	0.000	0.000		0.488					0.000	0.000	0.000		0.010			0.000	0.000	0.000		0.040	•	-			0.02
2.600	0.000	0.000	0.000		0.285	-		0.000	0.000	0.000		0.340					0.000	0.000	0.000		0.041	•	-	0.000	0.000	0.000		0.091	-	-			0.02
2.800	0.000	0.000	0.000		0.155	•	70	0.000	0.000	0.000		0.223	•				0.000	0.000	0.000		0.111		•	0.000	0.000	0.000		0.174	•				0.02
3.000	0.000	0.000	0.000		0.073		2	0.000	0.000	0.000		0.137	-				0.000	0.000	0.000		0.229		50	0.000	0.000	0.000		0.288	-	-			0.03
3.200	0.000	0.000	0.000		0.029	•		0.000	0.000	0.000		0.081	•				0.000	0.000	0.000		0.385		•	0.000	0.000	0.000		0.432	•				0.03
3.400	0.000	0.000	0.000		0.010	-		0.000	0.000	0.000		0.045					0.000	0.000	0.000		0.567	•	-	0.000	0.000	0.000		0.596	-	-			0.03
3.600	0.000	0.000	0.000		0.003	•		0.000	0.000	0.000		0.024	•				0.000	0.000	0.000		0.761	•		0.000	0.000	0.000		0.776	•				0.03
3.800	0.000	0.000	0.000		0.001		-	0.000	0.000	0.000		0.012	-	-			0.000	0.000	0.000		0.960			0.000	0.000	0.000		0.965	-	-			0.03
4.000	0.000	0.000	0.000		0.001			0.000	0.000	0.000		0.006	•	-			0.000	0.000	0.000		1.16		-	0.000	0.000	0.000		1.16		•			0.04
4.400	0.000	0.000	0.000		0.001		-	0.000	0.000	0.000		0.001		-			0.000	0.000	0.000		1.56			0.000	0.000	0.000		1.56	-				0.044
	Totals:					0	72						0	0	0	0						0	50	_					0	0	0	0	
	Number	of Trades:					0							0		0							0.00							0		0	

Section 7: Stock Options

PPC (CR)

Section 7: Stock Options

Year: 140 Trading Day No: 244 Monday, 23 December, 2019

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

							(Call Optio	ns															Put Optio							
					ry 2020						Februar	,			Other Months					ary 2020						ebruary				Other Months	
xcerise rice	Open price	Price max	Price min	Last price	Closing price	Volume 0	pen Interest	Open price	Price F max	Price min	Last price	Closing price	Volume	Open Interest	Open Inter Volume	st Open price	Price max	Price min	Last price	Closing price	Volume)pen Interest	Open price	Price Pri max	ce min	Last C price	Closing price	/olum e	Open Interest	Open Inter Volume	rest Excer Pric
0.900														-							-	•						-			0.0
0.950							-							-							-	-						-			0.0
1.000						•							-	-							-	•						•			0.
1.100						-							-	-							-	-						-	-		0.
1.200						-	-						-	-							-	•						-	-		0.
1.300							-						•	-							-	•						-			0.
1.400						-	-						-	-							-	-						-	-		0.
1.500						-	-						-	-							-	-						-			0.
1.600						•	•						•	•								•						•	•		0.0
1.700						·							·	-								-						-	-		0.
1.800						•	•						•	•							•	-							•		0.
1.900							•						-	•							-	-						-	-		0.
2.000	0.000		0.000		2.10	•	•						•	•		0.000				0.001	•	•						•	•		0.
2.200			0.000		1.90	•	-		0.000			1.91	-	-			0.000			0.001	-	•		0.000 0			0.002	-	-		0.
2.400	0.000		0.000		1.70	•	•		0.000			1.71	•	•			0.000			0.002	•	•		0.000 0			0.001	•	•		0.
2.600	0.000		0.000		1.50	•	-		0.000			1.51	•	-			0.000			0.003	•	-		0.000 0			0.001	-	-		0.
2.800			0.000		1.30	•	•		0.000			1.31		•			0.000			0.001	•	•		0.000 0			0.004	•	•		0
3.000			0.000		1.11	-	-		0.000			1.12	•	•			0.000			0.001		15		0.000 0			0.010	-	-		0
3.200	0.000				0.908	•			0.000			0.936	•	•		0.000		0.000		0.003	•	5	0.000		000		0.025		-		0.
3.400			0.000		0.717	•	5		0.000			0.763		- 10		0.000				0.012		•		0.000 0			0.052	•	-		0.
3.600 3.800	0.000		0.000		0.538 0.381	•	-		0.000			0.607 0.470	•	10		0.000	0.000	0.000	0.007	0.033	5	•		0.000 0.0.145 0		1 1 I E	0.095 0.145	-	-		0. 0.
4.000			0.000	0.200	0.301	- 5	-		0.000		0.201	0.470	-				0.007		0.067	0.087	5	•		0.145 0			0.145	5	0		0.
4.400			0.209	0.209	0.209	-	-		0.291			0.291	5					0.307	0 207	0.140	- 5			0.364 0			0.364	5	0		0.
4.800	0.000				0.025				0.000		0.100	0.088	5			0.000			0.307	0.720	5			0.000 0		J.J04	0.775	5	0		0.
5.200	0.000		0.000		0.025		-		0.000			0.039					0.000			1.10				0.000 0			1.13		-		0.
5.600	0.000				0.003				0.000			0.037				0.000		0.000		1.10					000		1.51				0.
5.000	0.000		0.000		0.001		-		0.000			0.006					0.000			1.90				0.000 0			1.90		-		0.
	Totals:	0.000	0.000		0.001	5	6		1.000			5.000	10	10	0 0	0.000	0.000	5.000			5	20	0.000					15	0	0 0	
	Number					-	-														-	2.00							-	- •	

Section 7: Stock Lending An	alytic Figures								Monday, 23 December, 2019
			Μ	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)	11,240			1,480	2.65%			115,644
AEGNBOR	AEGEAN AIRLINES (CR)								11,211
ALPHABOR	ALPHA BANK (CR)	105,760			500	2.65%			43,651,468
ALMYBOR	ALUMIL (CR)								
TATTBOR	ATTICA BANK S.A. (CR)								370
EEEBOR	CC HBC AG (CR)	313							70,546
CENERBOR	CENERGY HOLDINGS (CB)	1,380							
ELLAKTORBOR	ELLAKTOR (CR)	150							278,398
EUROBBOR	EUROBANK ERGASIAS (CR)	34,182							57,298,582
EYDAPBOR	EYDAP S.A. (CR)								232,781
FFGRPBOR	FOLLI FOLLIE (CR)								1,120,847
FOYRKBOR	FOURLIS (CR)	7,360							4,650
GEKTERNABOR	GEK TERNA (CR)								24,493
SARBOR	GR. SARANTIS S.A. (CR)	1,500							612
EXAEBOR	HELLENIC EXCHANGES-A.S.E. (CR)								123,778
ELPEBOR	HELLENIC PETROLEUM (CR)								51,983
INTRKBOR	INTRACOM HOLDINGS (CR)	8,000							
INLOTBOR	INTRALOT (CR)								464,512
BELABOR	JUMBO SA (CR)				500	2.65%			78,098
LAMDABOR	LAMDA DEVELOPMENT SA (CR)								10,000
MIGBOR	MARFIN INVESTMENT GROUP (CR)								1,659,474
MOHBOR	MOTOR OIL (CR)								10,420
MYTILBOR	MYTILINEOS (CR)	33,800							25,817
ETEBOR	NATIONAL BANK (CR)	5,000							16,837,250
OPAPBOR	OPAP (CR)	101,060			1,000	2.65%			1,357,606
HTOBOR	OTE (CR)	128			2,100	3.39%	5,000	0.01%	531,297
PPABOR	P.P.A. S.A. (CR)	115			85	3.14%			2,901
TPEIRBOR	PIRAEUS BANK (CR)	5,000			100	3.02%			23,170,141
PLAISBOR	PLAISIO COMPUTERS SA (CR)								1,000
PPCBOR	PPC (CR)	125,600							6,515,739
QUALBOR	QUALITY & RELIABILITY SA (CR)								

Stock Lending Notes

Daily Official List

[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: 140 Trading Day No: 244

Daily Official List Section 7: Stock Lending An	alytic Figures								Year: 140 Trading Day No: 244 Monday, 23 December, 2019
			М	ultilateral Tran	sactions[1]		Bilateral	[ransactions[2]	Stock Borrowing through OTC (volume)[3]
Lending Products	Underlying Title	Open Interest[5]	Volume(Offered)	Average Weighted	Transactions volume	Average Weighted	Transactions Volume	Average Weighte	Transactions Volume
TENERGYBOR	TERNA ENERGY (CR)								12,892
TITCBOR	TITAN CEMENT (CB)								9,207
VIOBOR	VIOHALCO SA/NV (CB)	25,367							

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 Appendix A: Sectors codification for listed companies

Sectors codification for listed companies

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



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