

19

**Ημερήσιο Δελτίο  
Συναλλακτικής Δραστηριότητας**

Daily Official List  
of Trading Activity

Wednesday, 20 November, 2019

Year: 140 Trading Day No: 221



**ATHEXGROUP**  
Athens Exchange Group

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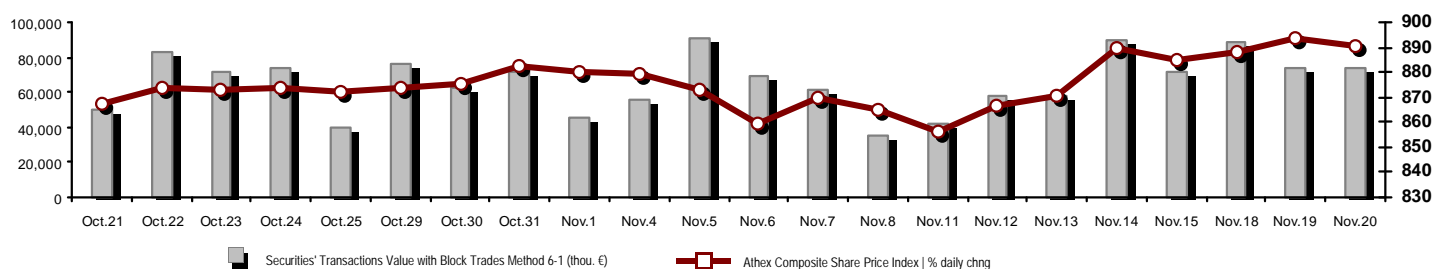
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**Appendix A: Sectors codification for listed companies**

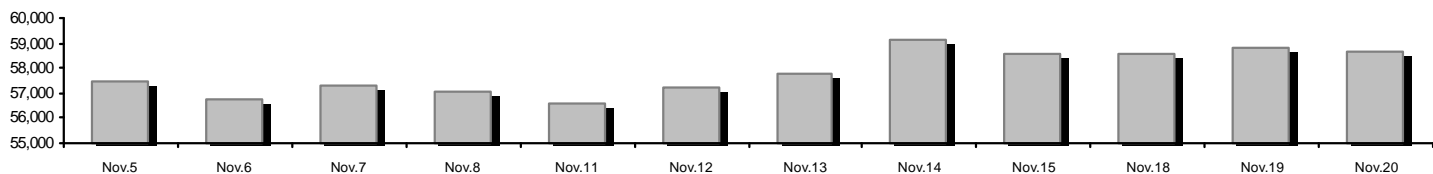
## Summary of Markets

Athex Composite Share Price Index vs Shares and Derivatives Transactions Value

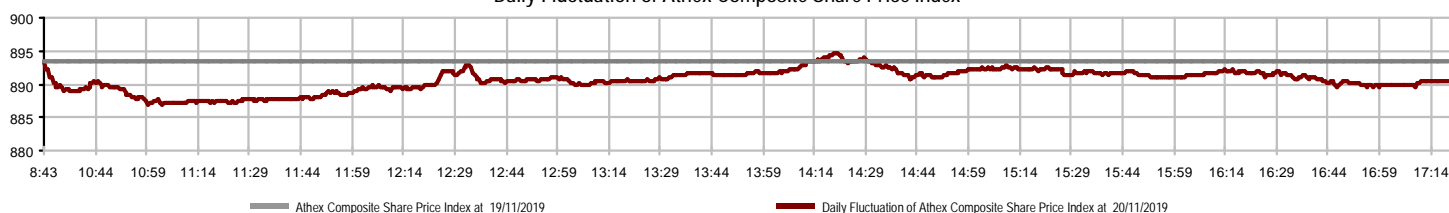


Athex Capitalisation (mill. €) **: 58,613.66	Derivatives Total Open Interest: 378,004
Daily change: mill. €   %: -231.02 -0.39%	in Index Futures   % daily chng: 11,063 1.76%
Yearly Avg Capitalisation: mill. €   % chng prev year Avg: 54,080.50 3.74%	in Stock Futures   % daily chng: 363,923 -0.40%
Athex Composite Share Price Index   % daily chng: 890.37 -0.34%	in Index Options   % daily chng: 1,822 35.67%
Athex Composite Share Price Index Capitalisation (mill. €): 53,616.09	in Stock Options   % daily chng: 1,196 1.70%
Daily change (mill. €): -208.82	
Securities' Transactions Value with Block Trades Method 6-1 (thou. €): 74,056.28	Derivatives Contracts Volume: 25,067
Daily change: %: -355.68 -0.48%	Daily change: pieces   %: 590 2.41%
YtD Avg Trans. Value: thou. €   % chng prev year Avg: 65,643.73 19.52%	YtD Avg Derivatives Contracts % chng prev year Avg: 41,609 -25.71%
Blocks Transactions Value of Method 6-1 (thou. €): 12,635.95	Derivatives Trades Number: 1,969
Blocks Transactions Value of Method 6-2 & 6-3 (thou. €): 0.00	Daily change: number   %: 58 3.04%
Bonds Transactions Value (thou.€): 977.58	YtD Avg Trades number % chng prev year Avg: 2,885 6.41%
Securities' Transactions Volume with Block Trades Method 6-1 (thou. Pieces): 19,380.27	Lending Total Open Interest: 240,046
Daily change: thou. pieces   %: -5,197.76 -21.15%	Daily change: pieces   %: -45,130 -15.83%
YtD Avg Volume: % chng prev year Avg: 32,890.20 -11.47%	Lending Volume (Multilateral/Bilateral): 114,700
Blocks Transactions Volume of Method 6-1 (thou. Pieces): 878.55	Daily change: pieces   %: 75,000
Blocks Transactions Volume of Method 6-2 & 6-3 (thou. Pieces): 0.00	Multilateral Lending: 0
Bonds Transactions Volume: 945,838	Bilateral Lending: 114,700
Securities' Trades Number with Block Trades Method 6-1: 28,861	Lending Trades Number: 4
Daily change: number   %: -7,832 -21.34%	Daily change: %: 1
YtD Avg Trades number % chng prev year Avg: 27,331 34.44%	Multilateral Lending Trades Number: 0
Number of Blocks Method 6-1: 11	Bilateral Lending Trades Number: 4
Number of Blocks Method 6-2 & 6-3: 0	
Number of Bonds Transactions: 78	

Athex Capitalisation (mill. €) \*\*



Daily Fluctuation of Athex Composite Share Price Index



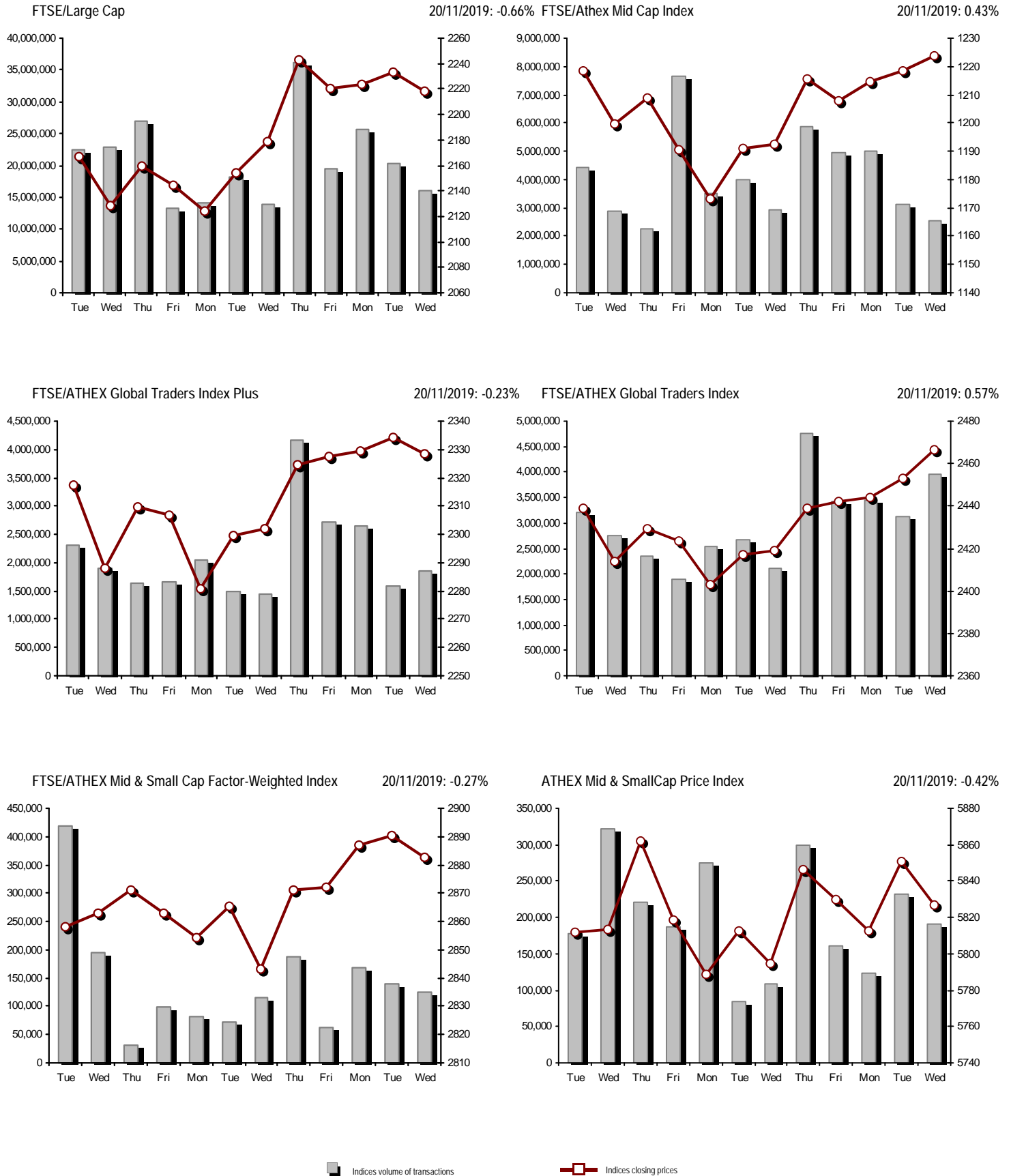
## Athex Indices

Index name	20/11/2019	19/11/2019	pts.	%	Min	Max	Year min	Year max	Year change
Athex Composite Share Price Index	890.37	893.37	-3.00	-0.34%	886.87	894.70	600.12	901.57	45.18% #
FTSE/Athex Large Cap	2,218.09	2,232.79	-14.70	-0.66%	2,213.08	2,235.16	1,580.73	2,270.46	37.91% #
FTSE/Athex Mid Cap Index	1,223.89	1,218.66	5.23	0.43%	1,209.53	1,226.40	945.49	1,467.88	25.52% #
FTSE/ATHEX-CSE Banking Index	676.33	692.81	-16.48	-2.38%	673.43	692.81	275.15	699.47	103.26% #
FTSE/ATHEX Global Traders Index Plus	2,328.66	2,334.08	-5.42	-0.23%	2,316.83	2,340.65	1,947.04	2,479.89	16.76% #
FTSE/ATHEX Global Traders Index	2,466.76	2,452.88	13.88	0.57%	2,438.48	2,469.75	1,866.67	2,517.12	30.01% #
FTSE/ATHEX Mid & Small Cap Factor-Weighted Ind	2,882.54	2,890.37	-7.83	-0.27%	2,869.66	2,892.13	2,173.67	2,922.83	30.13% #
ATHEX Mid & SmallCap Price Index	5,826.55	5,850.95	-24.40	-0.42%	5,789.61	5,850.95	3,914.71	5,994.42	47.06% #
FTSE/Athex Market Index	549.75	553.27	-3.52	-0.64%	548.43	553.82	392.32	563.60	37.72% #
FTSE Med Index	4,969.14	4,960.09	9.05	0.18%			3,966.78	4,969.14	25.33% #
Athex Composite Index Total Return Index	1,451.45	1,456.35	-4.90	-0.34%	1,445.76	1,458.52	952.47	1,466.98	49.11% #
FTSE/Athex Large Cap Total Return	3,278.35	3,300.08	-21.73	-0.66%			2,321.35	3,347.07	40.10% #
FTSE/ATHEX Large Cap Net Total Return	1,006.21	1,012.88	-6.67	-0.66%	1,003.94	1,013.95	692.89	1,027.12	42.72% #
FTSE/Athex Mid Cap Total Return	1,490.90	1,484.53	6.37	0.43%			1,180.35	1,784.30	23.88% #
FTSE/ATHEX-CSE Banking Total Return Index	591.15	605.55	-14.40	-2.38%			265.40	605.55	88.58% #
Hellenic Mid & Small Cap Index	1,208.52	1,209.74	-1.22	-0.10%	1,201.28	1,210.77	884.70	1,269.98	33.30% #
FTSE/Athex Banks	893.60	915.36	-21.76	-2.38%	889.77	915.36	363.54	924.17	103.26% #
FTSE/Athex Financial Services	999.34	1,004.27	-4.93	-0.49%	992.86	1,006.25	744.92	1,191.69	28.08% #
FTSE/Athex Industrial Goods & Services	2,599.55	2,615.10	-15.55	-0.59%	2,588.76	2,623.04	1,884.26	2,967.88	36.14% #
FTSE/Athex Retail	73.35	77.62	-4.27	-5.50%	73.35	77.62	58.44	82.89	22.43% #
FTSE/ATHEX Real Estate	4,985.08	4,914.41	70.67	1.44%	4,912.83	4,985.08	2,928.70	6,158.58	65.07% #
FTSE/Athex Personal & Household Goods	9,715.05	9,759.00	-43.95	-0.45%	9,660.94	9,844.17	6,649.54	9,943.56	41.24% #
FTSE/Athex Food & Beverage	10,455.11	10,634.21	-179.10	-1.68%	10,421.26	10,634.21	10,000.70	13,120.06	3.41% #
FTSE/Athex Basic Resources	6,558.05	6,701.32	-143.27	-2.14%	6,548.72	6,721.83	3,146.82	11,171.70	99.89% #
FTSE/Athex Construction & Materials	2,962.83	2,958.62	4.21	0.14%	2,931.40	2,970.65	2,437.75	3,183.37	14.74% #
FTSE/Athex Oil & Gas	5,223.12	5,224.11	-0.99	-0.02%	5,174.53	5,224.11	4,612.01	5,758.60	7.47% #
FTSE/Athex Chemicals	8,956.68	8,971.50	-14.82	-0.17%	8,832.51	8,978.91	7,722.79	11,217.47	9.55% #
FTSE/Athex Travel & Leisure	1,700.43	1,688.64	11.79	0.70%	1,676.76	1,704.45	1,309.57	1,754.14	28.52% #
FTSE/Athex Technology	887.02	884.61	2.41	0.27%	877.60	889.75	692.80	1,087.14	25.07% #
FTSE/Athex Telecommunications	3,831.58	3,715.97	115.61	3.11%	3,704.96	3,845.34	2,614.94	3,845.34	46.22% #
FTSE/Athex Utilities	2,862.38	2,865.43	-3.05	-0.11%	2,834.07	2,865.43	1,729.19	2,923.15	62.73% #
FTSE/Athex Health Care	497.96	497.96	0.00	0.00%	497.96	497.96	460.82	512.40	-1.63% #
Athex All Share Index	206.40	207.20	-0.80	-0.39%	206.40	206.40	157.01	215.26	30.62% #
Hellenic Corporate Bond Index	121.16	121.18	-0.02	-0.02%			116.31	121.33	4.14% #
Hellenic Corporate Bond Price Index	96.76	96.79	-0.02	-0.03%			95.04	97.19	1.01% #

Note 1: FTSE/Med 100, Hellenic Corporate Bond Price Index and Hellenic Corporate Bond Index closing prices refer to the previous trading day of 18/11/2019.

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

Athex Indices



## Analytic Figures for Athex Market's Boards and Categories

	Total Traded Securities	Main Market	Surveillance	Exchange Traded Funds (ETFs)
Totals	128	108	19	1
Gain / Lose / Same:	40 / 58 / 30	37 / 52 / 19	3 / 5 / 11	0 / 1 / 0
Athex Capitalisation (mill. €) **	58,613.66	58,319.34	294.32	
Daily Average Trans/ons Value(thou.€)	65,643.73	65,615.04	52.88	42.52
Transactions Value	74,056.28	73,954.84	66.96	34.48
Main Board:	61,420.33	61,318.89	66.96	34.48
Blocks Board 6_2_3:	12,635.95	12,635.95	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	32,890,203	32,539,662	377,563	1,942
Transactions Volume	19,380,268	19,079,346	299,417	1,505
Main Board:	18,501,719	18,200,797	299,417	1,505
Blocks Board 6_2_3:	878,549	878,549	0	0
Forced Sales Board:	0	0	0	0
Special Terms Board:	0	0	0	0
Daily Average Number of Trades	27,331	27,181	149	3
Number of Trades	28,861	28,680	179	2
Main Board:	28,850	28,669	179	2
Blocks Board 6_2_3:	11	11	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	2 / 4 / 0	10,762	11,321,347	20,125,163.01	27.18%
5510	- Basic Resources	4 / 8 / 2	315	173,015	142,780.11	0.19%
5010	- Construction & Materials	6 / 3 / 5	1,863	991,318	2,412,844.74	3.26%
4020	- Consumer Products & Services	2 / 4 / 1	1,698	262,446	3,265,692.95	4.41%
6010	- Energy	1 / 3 / 0	727	118,418	2,131,084.02	2.88%
12000	- Financial Instruments	0 / 1 / 0	2	1,505	34,480.00	0.05%
3020	- Financial Services	1 / 2 / 1	491	1,390,684	299,318.03	0.40%
4510	- Food Beverage & Tobacco	2 / 4 / 3	682	208,401	3,693,965.90	4.99%
2010	- Health Care	2 / 0 / 1	83	61,535	38,704.23	0.05%
5020	- Industrial Goods & Service	4 / 10 / 6	1,586	553,698	2,396,688.92	3.24%
3030	- Insurance	1 / 0 / 0	73	9,073	45,175.14	0.06%
4030	- Media	0 / 0 / 3	3	475	106.20	0.00%
4520	- Personal Care, Drug & Grocery Stores	2 / 1 / 0	178	33,108	200,697.09	0.27%
3510	- Real Estate	5 / 2 / 2	748	215,560	1,371,079.51	1.85%
4040	- Retail	0 / 4 / 2	267	110,096	446,721.26	0.60%
1010	- Technology	3 / 3 / 2	921	273,691	488,411.97	0.66%
1510	- Telecommunications	2 / 3 / 0	3,819	2,003,966	26,667,097.34	36.01%
4050	- Travel & Leisure	2 / 2 / 2	3,266	1,224,159	8,681,336.59	11.72%
6510	- Utilities	1 / 4 / 0	1,377	427,773	1,614,934.29	2.18%

## Top 10 best &amp; worst performing Shares

## Main Market

With positive Price change			With negative Price change		
	Closing price	change		Closing price	change
PETROPOULOS PETROS (CR)	7.3	8.15% #	AS COMPANY SA (CR)	2.92	-5.50% €
BYTE COMPUTER SA (CR)	1.17	5.40% #	ALUMIL (CR)	1.12	-3.45% €
FIERATEX SA (CR)	0.62	4.20% #	ALPHA BANK (CR)	1.85	-2.94% €
OTE (CR)	13.92	3.11% #	FOURLIS (CR)	5.37	-2.72% €
IKTINOS HELLAS SA (CR)	1.074	2.87% #	TPA SA (CR)	26.1	-2.61% €
ATHENS MEDICAL CENTER SA (CR)	2.27	2.25% #	NATIONAL BANK (CR)	3.06	-2.24% €
INTRALOT (CR)	0.405	2.14% #	PIRAEUS BANK (CR)	3.11	-2.08% €
KRI-KRI S.A. (CR)	5.38	1.89% #	EUROBANK ERGASIAS (CR)	0.965	-2.03% €
TECHNICAL OLYMPIC SA (CR)	2.44	1.67% #	PLAISIO COMPUTERS SA (CR)	3.58	-1.92% €
KEKROPS SA (CR)	2.795	1.64% #	CC HBC AG (CR)	28	-1.72% €
With the highest Transactions Value			With the highest Transactions Volume		
	Value (thou. €)	change		Volume	change
OTE (CR)	26,601.89	3.11% #	EUROBANK ERGASIAS (CR)	4,833,639	-2.03% €
OPAP (CR)	8,321.05	0.87% #	ALPHA BANK (CR)	3,442,178	-2.94% €
ALPHA BANK (CR)	6,462.88	-2.94% €	OTE (CR)	1,927,082	3.11% #
NATIONAL BANK (CR)	5,432.73	-2.24% €	NATIONAL BANK (CR)	1,767,019	-2.24% €
EUROBANK ERGASIAS (CR)	4,689.37	-2.03% €	MARFIN INVESTMENT GROUP (CR)	1,354,934	-1.60% €
PIRAEUS BANK (CR)	3,382.03	-2.08% €	PIRAEUS BANK (CR)	1,076,424	-2.08% €
CC HBC AG (CR)	3,346.48	-1.72% €	OPAP (CR)	842,211	0.87% #
JUMBO SA (CR)	2,691.18	-0.43% €	ELLAKTOR (CR)	596,550	-0.12% €
MOTOR OIL (CR)	1,913.46	-0.27% €	INTRALOT (CR)	343,202	2.14% #
MYTILINEOS (CR)	1,565.83	-0.60% €	PPC (CR)	263,486	-1.25% €

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



## Derivatives Summary

	Number of Trades	Volume	Open Interest
<b>Index Futures</b>	<b>207</b>	<b>843</b>	<b>11,063</b>
FTSE/Athex Large Cap	207	843	11,063
<b>Stock Futures</b>	<b>1,750</b>	<b>24,002</b>	<b>363,923</b>
ADMIE (IPTO) HOLDING S.A. (CR)	3	22	7,500
ALPHA BANK (CR)	294	5,319	55,870
ATTICA BANK S.A. (CR)	0	0	7,475
CC HBC AG (CR)	106	178	558
CENERGY HOLDINGS (CB)	4	47	7,711
ELLAKTOR (CR)	207	2,794	20,289
EUROBANK ERGASIAS (CR)	120	2,796	35,170
EYDAP S.A. (CR)	9	22	363
FOURLIS (CR)	6	7	201
GEK TERNA (CR)	19	49	10,328
HELLENIC EXCHANGES-A.S.E. (CR)	7	17	2,653
HELLENIC PETROLEUM (CR)	3	3	2,168
INTRACOM HOLDINGS (CR)	2	6	3,797
INTRALOT (CR)	9	86	6,057
JUMBO SA (CR)	10	25	546
LAMDA DEVELOPMENT SA (CR)	15	54	1,820
MARFIN INVESTMENT GROUP (CR)	83	3,405	80,593
MOTOR OIL (CR)	2	4	568
MYTILINEOS (CR)	31	105	12,774
NATIONAL BANK (CR)	365	5,240	41,312
OPAP (CR)	153	935	6,403
OTE (CR)	64	243	2,142
P.P.A. S.A. (CR)	0	0	726
PIRAEUS BANK (CR)	153	2,190	29,648
PPC (CR)	61	360	16,017
TERNA ENERGY (CR)	12	32	4,837
TITAN CEMENT (CB)	1	1	72
VIOHALCO SA/NV (CB)	11	62	6,325
<b>Index Options</b>	<b>11</b>	<b>221</b>	<b>1,822</b>
FTSE/Athex Large Cap	11	221	1,822
<b>Stock Options</b>	<b>1</b>	<b>1</b>	<b>1,196</b>
ALPHA BANK (CR)	0	0	40
NATIONAL BANK (CR)	0	0	635
OPAP (CR)	1	1	19
OTE (CR)	0	0	245
PIRAEUS BANK (CR)	0	0	133
PPC (CR)	0	0	124
<b>Total Derivatives Traded</b>	<b>1,969</b>	<b>25,067</b>	<b>378,004</b>









## Daily Official List

Year: 140 Trading Day No: 221

## Section 2: Analytic Figures of Shares Transactions

Wednesday, 20 November, 2019

Number of Outstanding Securities	Nominal Value	Dividends [1]			Date of Last Coupon		Note	Shares	Closing price	% change	Previous closing price/date	Open price	Price min	Price max	Last price	Avg price	Last Bid [7]	Last Ask [7]	P/E after	Year	Volume	Trades	Transactions Value[8]	Company Mkt Value (thou. €)	Year low	Year high	Sector[4]	
		2016	2017	2018	Dividend [2]	Right																						
7,734,375	1.00	---	---	---	09/07/2007	07/01/2011	5112	LIVANIS SA (CR)	0.08	---	0.08	19/11/2019	0.064	0.064	0.064	0.064	0.064	---	1@0.064	---	---	175	1	11.20	618.75	0.032	0.096	40301030
15,842,391	1.51	---	---	---	15/07/2009	12/05/2000	5141	BITROS HOLDING SA (CR)	0.154	-3.75	0.16	19/11/2019	0.142	0.142	0.16	0.16	0.154	149@0.142	500@0.152	---	---	1,500	9	230.60	2,439.73	0.084	0.278	55102010
119,596,817	0.040	---	---	---	15/07/2008	27/04/2017	5190	NIKAS SA (CR)	0.5	---	0.5	19/11/2019	---	---	---	---	---	---	---	---	---	---	---	---	59,798.41	0.32	0.6	45102020
24,319,250	0.300	---	---	---	09/07/2002	04/07/2007	5165	PROODEFTIKH SA (CR)	0.147	---	0.147	19/11/2019	0.147	0.147	0.149	0.147	0.148	1612@0.147	1800@0.149	---	---	5,238	6	773.95	3,574.93	0.09	0.248	50101010
245,497,664	0.310	---	---	---	01/07/2008	30/07/2012	5207	SELONDA AQUACULTURE SA (CR)	0.049	---	0.049	19/11/2019	0.048	0.048	0.05	0.05	0.049	1833@0.048	31611@0.050	---	---	367	2	18.02	12,029.39	0.031	0.0776	45102010
10,186,667	1.35	---	---	---	24/06/2008	02/02/2016	4887	SIDMA SA (CR)	0.71	---	0.71	19/11/2019	0.7	0.7	0.72	0.7	0.709	3500@0.695	121@0.700	---	---	9,640	25	6,834.22	7,232.53	0.204	0.72	55102010
766,000	1.00	---	---	---	01/07/2004	11/12/2012	5193	TRIA ALFA SA (CR)	1.8	---	1.8	19/11/2019	---	---	---	---	---	---	80@1.80	55.15	2018	---	---	---	1,712.00	1.5	3.18	55101020
245,000	1.00	---	---	---	19/07/2010	11/12/2012	5194	TRIA ALFA SA (PR)	1.36	---	1.36	19/11/2019	---	---	---	---	---	---	---	41.67	2018	---	---	---	1,712.00	0.535	2.1	55101020

## Suspension Status

20,255,805	0.300	---	---	---	22/08/2006	02/08/2010	5136	AXON HOLDING SA (CR)	0.058	---	0.058	28/04/2017	---	---	---	---	---	---	---	---	---	---	---	---	1,174.84	0.058	0.058	20101010	
21,820,410	0.800	---	---	---	22/05/2008	02/08/2011	5174	EUROMEDICA SA (CR)	0.448	---	0.448	30/04/2018	---	---	---	---	---	---	---	---	---	---	---	---	---	9,775.54	0.448	0.448	20101010
66,948,210	0.300	---	---	---	22/09/2015	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	09/09/2002	5217	YALCO - CONSTANTINOU SA (CB)	0.0555	---	0.056	30/09/2019	---	---	---	---	---	---	---	---	---	---	---	---	---	732.13	0.048	0.178	40202020
14,870,100	0.300	---	---	---	15/05/2008	26/09/2011	5130	ALPHA GRISSIN S.A. (CR)	0.014	---	0.014	13/04/2017	---	---	---	---	---	---	---	---	---	---	---	---	---	208.18	0.014	0.014	10102030
33,930,000	0.300	---	---	---	03/07/2006	30/05/2001	4865	BABIS VOVOS SA (CR)	0.304	---	0.304	30/03/2012	---	---	---	---	---	---	---	---	---	---	---	---	---	10,314.72	0.304	0.304	35101010
77,126,446	0.340	---	---	---	23/05/2005	18/08/2011	5206	G.E. DIMITRIOU (CR)	0.0125	---	0.013	30/04/2019	---	---	---	---	---	---	---	---	---	---	---	---	---	964.08	0.01	0.028	40202020
6,000,000	0.600	---	---	---	13/06/2008	08/04/2004	5172	EUROBROKERS S.A. (CR)	0.008	---	0.008	27/04/2018	---	---	---	---	---	---	---	---	---	---	---	---	---	48.00	0.008	0.008	30302015
7,085,888	1.59	---	---	---	02/07/1996	06/09/2010	5216	ELVIEMEK (CR)	2.6	---	2.6	30/09/2019	---	---	---	---	---	---	200@3.12	---	---	---	---	---	---	18,423.31	2.6	4.7	35101010
24,619,524	0.500	---	---	---	10/10/1986	30/12/2002	4914	KERAMIA-ALLATINI (CR)	0.088	---	0.088	30/08/2012	---	---	---	---	---	---	---	---	---	---	---	---	---	2,166.52	0.088	0.088	35101010
31,543,600	0.420	---	---	---	19/07/2010	19/12/2018	5205	KRETA FARM SA (CR)	1.085	---	1.085	30/04/2019	---	---	---	---	---	---	---	---	---	---	---	---	---	34,224.81	0.6	1.22	45102020
25,179,640	0.600	---	---	---	08/08/1994	19/09/2000	5191	J.BOUTARIS & SON HOLD. SA (CB)	0.026	---	0.026	01/10/2018	---	---	---	---	---	---	---	---	---	---	---	---	---	742.45	0.026	0.026	45101015
1,540,000	0.600	---	---	---	08/08/1994	19/09/2000	5192	J.BOUTARIS & SON HOLD. (PB)	0.057	---	0.057	01/10/2018	---	---	---	---	---	---	---	---	---	---	---	---	---	742.45	0.057	0.057	45101015
23,935,280	0.300	---	---	---	29/06/2009	13/06/2000	5153	NAYTEMPORIKI PUBLISHING SA(CR)	0.107	---	0.107	02/10/2017	---	---	---	---	---	---	---	---	---	---	---	---	---	2,561.07	0.107	0.107	40301030
255,459,600	0.300	---	---	---	26/06/2000	03/12/2010	5101	NEL SA (CR)	0.07	---	0.07	31/08/2015	---	---	---	---	---	---	---	---	---	---	---	---	---	17,882.17	0.07	0.07	40501015
23,463,874	0.800	---	---	---	23/05/2003	21/12/1999	4918	NEORION SA (CR)	0.125	---	0.125	30/08/2012	---	---	---	---	---	---	---	---	---	---	---	---	---	2,932.98	0.125	0.125	50206030
18,750,000	0.300	---	---	---	02/07/2001	31/12/2012	5154	PEGASUS PUBLISHING S.A. (CR)	0.089	---	0.089	02/10/2017	---	---	---	---	---	---	---	---	---	---	---	---	---	1,668.75	0.089	0.089	40301030
23,743,440	0.300	---	---	---	23/06/2008	24/07/2018	5218	SFAKIANAKIS SA (CR)	0.34	---	0.34	07/10/2019	---	---	---	---	---	---	---	---	---	---	---	---	---	8,072.77	0.236	0.392	40401030
100,793,572	0.300	---	---	---	16/07/2009	11/02/2016	5110	TELETIPOS SA (CR)	0.06	---	0.06	07/03/2016	---	---	---	---	---	---	---	---	---	---	---	---	---	6,047.61	0.06	0.06	40301035
4,034,950	0.680	---	---	---	01/07/2005	30/12/2010	5171	CHATZIKRANIOTIS & SONS SA (CR)	0.14	---	0.14	27/04/2018	---	---	---	---	---	---	---	---	---	---	---	---	---	564.89	0.14	0.14	45102020

Shares' Notes

Code	Note text
( )	- Adjusted dividends.
*	- Last adjusted closing price.
[1]	- Net dividends.
[2]	- The "Date of Last Coupon" for New listings refers to the date company's stocks started to trade in Athex
[3]	- The Company Market Value is referred to the number of outstanding shares
[4]	- Sectors codification can be found in Appendix A
[5]	- The Market Value refers to the total number of shares listed (including their several classes) in the exchange by the company.
[6]	- P/E greater than 100
[7]	- Last view of the Order Book before the end of the trading session
[8]	- All Blocks Methods' Transactions Value are included.
4750	- Transfer to the Under Surveillance Category from 8/4/2011.
4865	- Suspension of trading as of 2/4/2012.
4887	- Transfer to the Surveillance Category as of 10/4/2012.
4912	- Transfer to the Surveillance Category as of 31/7/2012.
4914	- Suspension of trading as of 31/8/2012.
4918	- Suspension of trading as of 31/8/2012.
4955	- Transfer to the Surveillance Category as from 5/4/2013.
4956	- Transfer to the Surveillance Category as from 5/4/2013.
4957	- Transfer to the Surveillance Category as from 5/4/2013.
4958	- Transfer to the Surveillance Category as from 5/4/2013.
4959	- Transfer to the Surveillance Category as from 5/4/2013.
4983	- Transfer to the Surveillance Category as of 5/4/2013.
5080	- Transfer to the Surveillance Category as of 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.

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Shares' Notes

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Code	Note text
5205	- Suspension of trading as of 02/05/2019.
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.
5218	- Suspension of trading as of 08/10/2019.



Securities Blocks Details

Securities	Block Volume	Price	Block Trade Value	Time of approval	Note
OTE (CR)	152,611	13.50	2,060,248.50	10:47:01	20
MOTOR OIL (CR)	19,978	21.70	433,522.60	10:57:32	20
JUMBO SA (CR)	38,620	18.47	713,311.40	11:37:41	20
OTE (CR)	170,000	13.50	2,295,000.00	11:40:28	20
OTE (CR)	99,831	13.90	1,387,650.90	14:04:56	20
OTE (CR)	100,000	13.95	1,395,000.00	14:13:32	20
OTE (CR)	50,000	13.94	697,000.00	14:18:07	20
OTE (CR)	90,000	13.86	1,247,400.00	16:08:32	20
OTE (CR)	100,000	13.92	1,392,000.00	17:11:11	20
MOTOR OIL (CR)	27,509	21.71	597,214.89	17:12:28	20
OTE (CR)	30,000	13.92	417,600.00	17:19:55	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

**Shares Rights Details**

Occured date	Exercise from	Exercise until	Trading until	Rights	Price min	Price max	Closing price	Last Bid	Last Ask	Volume	Trades	Transactions Value
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No Rights Transactions.

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**Securities Forced Sales**

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Securities	Category of Security	Transaction s Volume	Number of Trades	Transactions Value	Note
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No Forced Transactions.

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**Forced Sales Notes**

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

**Forced Sales Registered Shares**

Securities	Start Date	End Date	Initial Volume	Remaining Volume	Date	Avg price (day)	Avg price (period)	Number of Trades	Transactions Volume	Transactions Value
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No Fixed Registered Shares Forced Sales.

**Forced Sales Notes**

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

## Exchange Traded Funds (ETFs) Characteristics

	Transactions Date (T)	Creation / Redemption	Units (T-1)	New Units (T-1)	Redemptio n Units (T-	Units (T) [1]	Fund Assets [2]	Net Unit Price	Dividen d per	Dividend Date
#Error										

## ETFs Notes

No data for ETFs.

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

## Convertible Corporate Bonds - Regulated Market

Num Listed Bonds	Nominal price	Issue price	Today's Rate	Exp. Date	Duration (years)	Note	Coupon		Trading	Corporate Bonds	Price min	Price max	Closing price	Previous closing price/date	Volume	Transactions Value	Last order			ear min	Year max
							Common	Preferred									Price	Buy / Sell	Date		
171,268,704	0.30	0.30	1.00	11/10/2025	9	---	13	---	1	FORTHNET S.A. (Convertible)	---	---	---	---	---	---	1.0000	B	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.

## Non Convertible Corporate Bonds - Regulated Market

Num Listed Bonds	Nominal price	Issue price	Today's Rate	Exp. Date	Duration (years)	Note	Coupon		Trading	Corporate Bonds	Accrued Int.	Yield.T.Mat	Price min	Price max	Closing price	Previous closing price/date	Volume	Transactions Value	Last order			ear min	Year max	
							Common	Preferred											Price	Buy / Sell	Date			
175,000	1,000.00	1,000.00	3.40	26/07/2024	5	---	1	---	1	ATTICA HOLDINGS S.A. (Non Convertible)	11.2389	3.0200	101.3000	101.7000	101.4378	101.6320	19/11/2019	160,000	164,202.62	101.4000	B	20/11/2019	101.3167	103.4000
300,000	1,000.00	1,000.00	3.10	27/06/2022	5	---	5	---	1	MYTILINEOS HOLDINGS S.A. (Non Convertible)	12.7444	2.6440	100.5500	100.8500	100.6332	100.6660	19/11/2019	125,000	127,384.56	100.8500	B	20/11/2019	100.5818	103.4000
50,000	1,000.00	1,000.00	4.35	20/06/2022	5	---	5	---	1	SYSTEMS SUNLIGHT S.A. (Non Convertible)	18.7292	3.4830	101.1900	101.1900	101.1900	101.1940	18/11/2019	63,000	64,929.64	101.1000	B	20/11/2019	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)	5.8333	2.8270	100.7000	101.0800	100.9000	100.7000	19/11/2019	67,000	68,059.83	100.9000	B	20/11/2019	100.5201	103.5200
25,000	1,000.00	1,000.00	4.95	26/06/2023	5	---	3	---	1	B&F COMM. & GARM. INDUS. S.A. (Non Convertible)	20.4875	7.3280	91.5000	92.0000	91.6667	91.5000	19/11/2019	15,000	14,057.31	91.2000	B	20/11/2019	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)	0.9167	1.6610	103.5000	104.2000	104.2000	103.5000	18/11/2019	37,000	38,419.92	103.5000	B	20/11/2019	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)	5.3764	2.4210	105.6100	106.6000	106.6000	105.8000	19/11/2019	168,000	178,506.57	105.6100	B	20/11/2019	99.0000	107.2000
40,000,000	1.00	1.00	5.00	04/10/2021	5	---	13	---	1	HOUSEMARKET S.A. (Non Convertible)	0.0068	2.0990	104.0000	104.8500	104.6928	105.0000	18/11/2019	74,838	78,866.77	104.0000	B	20/11/2019	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)	2.2389	2.2040	101.8100	102.4400	102.3805	102.1360	19/11/2019	204,000	208,968.29	101.8500	B	20/11/2019	101.0000	102.7000
200,000	1,000.00	1,000.00	3.60	12/03/2026	7	---	2	---	1	AEGEAN AIRLINES S.A. (Non Convertible)	7.1000	2.2970	105.6100	106.9800	106.9457	105.9570	19/11/2019	32,000	34,184.30	105.6010	B	20/11/2019	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.

## 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 min	Price max	Closing price	Previous closing price/date	Volume	Transactions Value	Price	Last order Buy / Sell	Date
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	B	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-3.500-1.000	---	---	---	94.5720 13/07/2018	---	---	1.0000	B	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-3.750-1.000	---	---	---	85.4610 13/07/2018	---	---	1.0000	B	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-3.900-1.000	---	---	---	78.6730 13/07/2018	---	---	1.0000	B	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-4.000-1.000	---	---	---	77.0370 13/07/2018	---	---	1.0000	B	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-4.200-1.000	---	---	---	77.7640 13/07/2018	---	---	1.0000	B	28/11/2018
550,418,123	1.00	3.00	Actual/Actual	24/02/2023	11	---	24/02	3.00	1	GGB-FXD-240223-11Y-2.000-1.000	---	---	---	10.0000 22/06/2015	---	10.0000	B	11/07/2019	
445,007,576	1.00	3.00	Actual/Actual	24/02/2024	12	---	24/02	3.00	1	GGB-FXD-240224-12Y-2.000-1.000	---	---	---	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-2.000-1.000	---	---	---	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-2.000-1.000	---	---	---	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-2.000-1.000	---	---	---	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-2.000-1.000	---	---	---	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-2.000-1.000	---	---	---	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-2.000-1.000	---	---	---	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-2.000-1.000	---	---	---	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-2.000-1.000	---	---	---	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-2.000-1.000	---	---	---	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-2.000-1.000	---	---	---	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-2.000-1.000	---	---	---	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-2.000-1.000	---	---	---	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-2.000-1.000	---	---	---	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-2.000-1.000	---	---	---	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-2.000-1.000	---	---	---	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-2.000-1.000	---	---	---	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-2.000-1.000	---	---	---	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-2.000-1.000	---	---	---	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	B	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.



## 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 min	Price max	Closing price	Previous closing price/date	Volume	Transactions Value	Price	Last order Buy / Sell	Date
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## 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.

## Treasury Bills &amp; Zero Coupon Government Bonds

Issue Date	13-Week Maturity									26-Week Maturity									52-Week Maturity								
	Exp. Date	Initial Rate	Num Listed Bonds	Nominal price	Issue price	Last Trade Price	Last Trade Date	Volume Traded	Note	Exp. Date	Initial Rate	Num Listed Bonds	Nominal price	Issue price	Last Trade Price	Last Trade Date	Volume Traded	Note	Exp. Date	Initial Rate	Num Listed Bonds	Nominal price	Issue price	Last Trade Price	Last Trade Date	Volume Traded	Note
14/12/2018	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	13/12/2019	1.09	1,000,000	1,000.00	989.10	---	---	---	---
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	---	---	---	---

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 Outcry in Cash (euro)			Trades in Pieces	Life min	Life Max
												Price	Buy / Sell	Price	Buy / Sell	Date			
<b>Corporate Bonds in Foreign Currency and Euro</b>																			
103,746	GBP / 10	01/12	0.25	---	60	1	01/12/1930	98	2.5	360	National Mortgage Bank	2.27	05/02/1996	2.27	S	05/02/1996	---	2.27	2.27
0	GBP / 10	01/12	0.25	---	62	1	01/12/1928	100	2.5	360	National Mortgage Bank	---	---	---	---	---	---	---	---

## Government Bonds Notes

A.I.C: Accrued Interest Calculation base.

FLR: Floating Interest Rate.

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

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**Athex & ATHEXClear Members List**

Member Name	Stock Market			Derivatives Market		ATHEXClear Member				
	Address	Phone	Fax	Market Member	Remote Member	Market Maker	Proprietary	Market Maker	General Clearing	Direct Clearing
A. SARRIS SECURITIES S.A.				a						
6, DRAGATSANIOU ATHINA	+30 2103367700	210-3312324								
ALPHA BANK A.E.									a	
40, STADIOU STR ATHINA	(210)-3265546	(210)-3265811								
	(210)-3260000	(210)-3264116								
103, AVE. ATHINON ATHINA	+30 2103436820	210-3436270								
ALPHA FINANCE INVESTMENT SERVICES S.A.				a		a	a	a		a
5, MERLIN ATHINA	+30 2103677400	210-33311193								
ARGUS STOCKBROKERS LTD				a	a		a			
25, DIMOSTHENI SEVERI AVE NICOSIA	+357 22717000	0035722717070								
ATLANTIC SECURITIES LIMITED				a	a					
37, PRODROMOU NICOSIA	+357 22445400	00357 22661914								
AXON SECURITIES S.A.				a			a			
48, STADIOU ATHINA	+30 2103363800	210-3243903								
BETA SECURITIES S.A.				a		a	a			a
29, ALEXANDRAS AVEN. & VRAILA ATHINA	+30 2106478900	210-6410139								
BNP PARIBAS SECURITIES SERVICES									a	
2, LAMPSAKOU ATHINA	+30 2107468500	210-7468579-581								
CAPITAL SECURITIES S.A.				a			a			
58, MITROPOLEOS ATHINA	+30 2103369700	+30 210 3369820								
CFS SECURITIES-INVESTMENT SERVICES S.A.				a						
3, PAPARRIGOPOULOU ATHINA	+30 2103360800	+30 210-3360980								
CITIGROUP GLOBAL MARKET LTD				a	a					
1, CITIGROUP CENTER, CANADA SQ., CANARY WHARF LONDON	+44 02079864000									
CITIGROUP GLOBAL MARKETS EUROPE AG				a	a					
16, REUTERWEG FRANKFURT										
CREDIT SUISSE SECURITIES (EUROPE) LIMITED				a	a					
1, CABOT SQUARE LONDON	+44 2078888888									
CYCLOS SECURITIES S.A.				a			a			a
39, PANEPISTIMIOU ATHINA	+30 2103364300	+30 210-3239122								
DEUTSCHE BANK S.A.					a					
1, GREAT WINCHESTER STREET LONDON	+44 20 754 54209	00441133361437								
DYNAMIC SECURITIES S.A.				a			a			a
, SYGROU AVENUE 223 & TRALLEON 2 NEA SMYRNI	+30 2103677700	210-3677777								
EUROBANK EQUITIES INVESTMENT FIRM S.A				a		a	a	a		a
, FILELLINON 10 & XENOFONTOS 13 ATHINA	+30 2103720000	210-3720001								
EUROBANK ERGASIAS S.A.									a	
8, OTHONOS ATHINA	+30 2103337000	210-3245916								
8, OTHONOS STR. ATHINA	(210)-3337000	(210)-3233866								
	(210)-3337969	(210)-3245916								
EUROCORP INVESTMENT SERVICES S.A.				a			a			a
14, FILIKIS ETERIAS SQ, ATHINA	+30 2107263500	2107263666								
EUROTRUST INVESTMENT FIRM SA				a						
113, SEVASTOUPOLEOS ATHINA	+30 2103363100	+30 210-3238334								
EUROXX SECURITIES S.A.				a		a	a	a		a
7, PALAIOLOGOU CHALANDRI	(210)-6879400	(210)-6879401								
7, PALEOLOGOU CHALANDRI	+30 2106879400	210-6879401								
G. A. PERVANAS SECURITIES-INVESTMENT SERVICES CO S.A.				a						
7-9, SOFOKLEOUS ATHINA	+30 2103727200	210-3210-291								
GLOBAL CAPITAL SECURITIES AND FINANCIAL SERVICES LTD				a	a					
50, AVE. ARCHIEPISKOPOU MAKARIOU NICOSIA	+357 22710710	357 22339332								
HELLENIC BANK (INVESTMENTS) LTD					a					
, AVE. KYRIAKOU MATSI 31 - PO BOX 24747 NICOSIA	+357 22500100	357 22500110								
HELLENIC-AMERICAN SECURITIES S.A.				a		a	a			a
27, ANDREA PAPANDEOU ATHINA	+30 2103311100	+30 210-3215968								
HSBC FRANCE									a	
109-111, AVE. MESOGION ATHINA	+30 2106960000	210-6929336								
INDEX SECURITIES S.A.				a						
6, DRAGATSANIOU ATHINA	+30 2103213920	+30 210-3213216								
J. CHR. MAVRIKIS SECURITIES S.A.				a						
5, SOFOKLEOUS ATHINA	+30 2103216730	210-3217767								
KAPPA SECURITIES S.A.				a			a			
15, VALAORITOU ATHINA	+30 2103678600	+30 210-3641002								

Athex & ATHEXClear Members List

Member Name	Stock Market			Derivatives Market		ATHEXClear Member				
	Address	Phone	Fax	Market Member	Remote Member	Market Maker	Proprietary	Market Maker	General Clearing	Direct Clearing
KARAMANOF SECURITIES AND INVESTMENT SERVICES S.A.				a			a			
2, SQ. AGION THEODORON ATHINA	+30 2103212947	+30 210-3217088								
LAIKI FINANCIAL SERVICES LTD					a					
26, AVE. VYRONOS NICOSIA	357 22367367	357 22718567								
LEON DEPOLAS SECURITIES S.A.				a		a	a			
1, CHRISTOU LADA ATHINA	+30 2103213276	+30 210-3211618								
MEGA EQUITY SECURITIES & FINANCIAL SERVICES PUBLIC LTD				a	a		a			
42-44, AVE. GRIVA DIGENI NICOSIA	+357 22711711	357 22711811								
MERIT SECURITIES S.A				a		a	a			a
5, SOFOKLEOUS ATHINA	+30 2141008800	210-3671830								
MERRILL LYNCH INTERNATIONAL				a	a					
2, KING EDWARD STREET LONDON	+44 20276281000									
N. CHRYSOCHOIDIS STOCK BROKERAGE I.S.S.A.				a			a			a
7-9, SOFOKLEOUS ATHINA	+30 2103213913	+30 210-3216115								
NATIONAL BANK OF GREECE S.A.				a		a	a		a	
68, AKADIMIAS STR. ATHINA	(210)-3328817	(210)-3328678								
86, AIOLOU STR. ATHINA	(210)-3341000	(210)-3228187								
NATIONAL SECURITIES S.A				a		a	a	a		
66, KIFISIAS AVE, BUILDING A ATHINA	+30 2107720000	+30 210-7720002								
NUNTIUS BROKERAGE AND INVESTMENT SERVICES S.A				a						
6, DRAGATSANIOU ATHINA	+30 2103350599	+30210-3254846								
ONE PLUS CAPITAL LIMITED				a	a					
, 75 PRODROMOU AVENUE, ONEWORLD PARKVIEW HOUSE, 3RD FLOOR, NEW YORK	+1 212 2873760									
OPTIMA BANK S.A.				a		a	a	a	a	
32, EGIALIAS & PARADISOU MAROUSI	+30 2108173111	+30 210-6896325								
PANTELAKIS SECURITIES S.A.				a		a	a	a		
57, ETHNIKIS ANTISTATIS B CHALANDRI	+30 2106965000	210-6929550								
PEGASUS SECURITIES S.A				a			a			
17, VALAORITOU & AMERIKIS ATHINA	+30 2103670700	+30 210-3670760								
PIRAEUS BANK S.A.				a			a		a	
4, AMERIKIS STR. ATHINA	(210)-3335000	(210)-3335079								
4, AMERIKIS STR ATHINA	(210)-3335918	(210)-3254207								
4, AMERIKIS ATHINA	+30 2103335000	210-3335079								
PIRAEUS SECURITIES S.A.				a		a	a	a		a
10, STADIOU ATHINA	+30 2103354100	210-3354170								
PROCHOICE SECURITIES LTD				a	a					
57, SPYROU KYPRIANOY NICOSIA	+357-24-661192	+357-24-662464								
SHARELINK SECURITIES-FINANCIAL SERVICES LTD				a	a		a			
6, THEOTOKI MEGARO ELLINA NICOSIA	+357 22554200	+357 22750852								
SOCIETE GENERALE S.A.				a	a		a			
, 17 COURS VALMY 92987 PUTEAUX - LA DEFENSE PARIS	+33 157290504	+33142138697								
SOLIDUS SECURITIES S.A				a			a			a
64, LOUIZIS RIANCOUR ATHINA	+30 2106900600	210-6985421								
ST. EM. LAVRENTAKIS SECURITIES S.A.				a			a			
7-9, SOFOKLEOUS ATHINA	+30 2103213336	+30 210-3246572								
THE CYPRUS INVESTMENT & SECURITIES CORPORATION LTD				a	a					
154, LIMASSOL AVENUE, STROVOLOS NICOSIA	+357 22121700	357 22338800								
UBS LIMITED					a					
1, FINSBURY AVENUE LONDON	+44 2075687135									

List of Stocks under Market Making operations

Securities	Market Maker	Start Market Making	Stock Category
ADMIE (IPTO) HOLDING S.A. (CR)	PIRAEUS SECURITIES S.A.	29/06/2017	Main Market
ALPHA BANK (CR)	ALPHA FINANCE INVESTMENT SERVICES S.A.	29/02/2016	Main Market
	EUROBANK EQUITIES INVESTMENT FIRM S.A	24/10/2012	
	HELLENIC-AMERICAN SECURITIES S.A.	06/02/2019	
	LEON DEPOLAS SECURITIES S.A.	04/01/2016	
	MERIT SECURITIES S.A	03/09/2013	
	NATIONAL SECURITIES S.A	15/01/2013	
	PIRAEUS SECURITIES S.A.	28/05/2013	
ALUMIL (CR)	BETA SECURITIES S.A.	18/07/2013	Main Market
AS COMPANY SA (CR)	EUROBANK EQUITIES INVESTMENT FIRM S.A	01/04/2019	Main Market
ATTICA BANK S.A. (CR)	EUROBANK EQUITIES INVESTMENT FIRM S.A	11/11/2019	Main Market
	EUROXX SECURITIES S.A.	22/01/2016	
	PIRAEUS SECURITIES S.A.	20/09/2017	
ATTICA HOLDINGS (CR)	HELLENIC-AMERICAN SECURITIES S.A.	28/12/2017	Main Market
AUTOHELLAS SA (CR)	ALPHA FINANCE INVESTMENT SERVICES S.A.	01/07/2019	Main Market
	EUROXX SECURITIES S.A.	02/07/2018	
AVAX S.A. (CR)	EUROBANK EQUITIES INVESTMENT FIRM S.A	14/12/2015	Main Market
BRIQ PROPERTIES (CR)	EUROBANK EQUITIES INVESTMENT FIRM S.A	09/01/2019	Main Market
BYTE COMPUTER SA (CR)	MERIT SECURITIES S.A	04/08/2013	Main Market
CC HBC AG (CR)	EUROBANK EQUITIES INVESTMENT FIRM S.A	23/10/2013	Main Market
	NATIONAL SECURITIES S.A	29/04/2013	
	PIRAEUS SECURITIES S.A.	04/05/2015	
CENERGY HOLDINGS (CB)	ALPHA FINANCE INVESTMENT SERVICES S.A.	02/01/2017	Main Market
	EUROBANK EQUITIES INVESTMENT FIRM S.A	02/01/2017	
CNL CAPITAL (CR)	MERIT SECURITIES S.A	01/10/2018	Main Market
EKTER SA (CR)	EUROBANK EQUITIES INVESTMENT FIRM S.A	16/10/2017	Main Market
	LEON DEPOLAS SECURITIES S.A.	21/05/2018	
ELASTRON (CR)	LEON DEPOLAS SECURITIES S.A.	20/02/2017	Main Market
ELLAKTOR (CR)	ALPHA FINANCE INVESTMENT SERVICES S.A.	14/03/2019	Main Market
	EUROXX SECURITIES S.A.	24/09/2018	
	HELLENIC-AMERICAN SECURITIES S.A.	14/01/2019	
	NATIONAL SECURITIES S.A	25/06/2013	
	PIRAEUS SECURITIES S.A.	22/10/2018	
ELTON SA (CR)	BETA SECURITIES S.A.	03/09/2013	Main Market
	LEON DEPOLAS SECURITIES S.A.	01/04/2019	
ELVALHALCOR (CR)	ALPHA FINANCE INVESTMENT SERVICES S.A.	07/05/2018	Main Market
	EUROBANK EQUITIES INVESTMENT FIRM S.A	07/05/2018	
EUROBANK ERGASIAS (CR)	ALPHA FINANCE INVESTMENT SERVICES S.A.	08/01/2013	Main Market
	EUROBANK EQUITIES INVESTMENT FIRM S.A	01/06/2013	
	HELLENIC-AMERICAN SECURITIES S.A.	25/07/2014	
	MERIT SECURITIES S.A	06/11/2017	
	NATIONAL SECURITIES S.A	01/01/2017	
	PIRAEUS SECURITIES S.A.	28/09/2013	
EUROPEAN RELIANCE INSUR. (CR)	EUROBANK EQUITIES INVESTMENT FIRM S.A	08/07/2019	Main Market
	PANTELAKIS SECURITIES S.A.	15/07/2019	
EYDAP S.A. (CR)	EUROBANK EQUITIES INVESTMENT FIRM S.A	10/06/2019	Main Market

List of Stocks under Market Making operations

Securities	Stock Category
Market Maker	Start Market Making
<b>FOURLIS (CR)</b>	Main Market
EUROBANK EQUITIES INVESTMENT FIRM S.A	01/12/2016
EUROXX SECURITIES S.A.	01/12/2016
PIRAEUS SECURITIES S.A.	06/03/2017
<b>GEK TERNA (CR)</b>	Main Market
HELLENIC-AMERICAN SECURITIES S.A.	07/09/2015
PIRAEUS SECURITIES S.A.	29/08/2019
<b>GR. SARANTIS S.A. (CR)</b>	Main Market
BETA SECURITIES S.A.	14/05/2013
EUROBANK EQUITIES INVESTMENT FIRM S.A	24/10/2016
<b>HELLENIC EXCHANGES-A.S.E. (CR)</b>	Main Market
NATIONAL SECURITIES S.A	25/06/2013
PIRAEUS SECURITIES S.A.	04/05/2015
<b>HELLENIC PETROLEUM (CR)</b>	Main Market
HELLENIC-AMERICAN SECURITIES S.A.	14/09/2015
PIRAEUS SECURITIES S.A.	20/03/2017
<b>IKTINOS HELLAS SA (CR)</b>	Main Market
ALPHA FINANCE INVESTMENT SERVICES S.A.	01/04/2019
EUROBANK EQUITIES INVESTMENT FIRM S.A	25/02/2019
NATIONAL SECURITIES S.A	24/07/2019
<b>INTERCONTINENTAL (CR)</b>	Main Market
LEON DEPOLAS SECURITIES S.A.	03/06/2019
<b>INTRACOM HOLDINGS (CR)</b>	Main Market
LEON DEPOLAS SECURITIES S.A.	08/10/2018
<b>INTRALOT (CR)</b>	Main Market
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.	28/09/2013
<b>JUMBO SA (CR)</b>	Main Market
MERIT SECURITIES S.A	06/11/2017
PIRAEUS SECURITIES S.A.	06/03/2017
<b>KARAMOLEGOS SA (CR)</b>	Main Market
EUROXX SECURITIES S.A.	04/10/2019
<b>KLOUKINAS - LAPPAS SA (CR)</b>	Main Market
BETA SECURITIES S.A.	22/09/2014
<b>KRI-KRI S.A. (CR)</b>	Main Market
EUROBANK EQUITIES INVESTMENT FIRM S.A	07/05/2018
LEON DEPOLAS SECURITIES S.A.	16/01/2017
<b>LAMDA DEVELOPMENT SA (CR)</b>	Main Market
EUROBANK EQUITIES INVESTMENT FIRM S.A	08/12/2014
PANTELAKIS SECURITIES S.A.	06/11/2017
PIRAEUS SECURITIES S.A.	29/06/2017
<b>LAMPSA HOTEL SA (CR)</b>	Main Market
LEON DEPOLAS SECURITIES S.A.	16/01/2017
<b>MARFIN INVESTMENT GROUP (CR)</b>	Main Market
PIRAEUS SECURITIES S.A.	02/02/2013
<b>MLS MULTIMEDIA SA (CR)</b>	Main Market
PIRAEUS SECURITIES S.A.	01/08/2019
<b>MOTOR OIL (CR)</b>	Main Market
HELLENIC-AMERICAN SECURITIES S.A.	01/09/2014
LEON DEPOLAS SECURITIES S.A.	01/04/2019
MERIT SECURITIES S.A	25/02/2019
NATIONAL SECURITIES S.A	17/02/2014
PIRAEUS SECURITIES S.A.	04/05/2015
<b>MYTILINEOS (CR)</b>	Main Market
ALPHA FINANCE INVESTMENT SERVICES S.A.	15/04/2019
EUROBANK EQUITIES INVESTMENT FIRM S.A	20/09/2017
MERIT SECURITIES S.A	25/02/2019
NATIONAL SECURITIES S.A	25/06/2013
PIRAEUS SECURITIES S.A.	04/05/2015

List of Stocks under Market Making operations

Securities	Stock Category
Market Maker	Start Market Making
<b>NATIONAL BANK (CR)</b>	<b>Main Market</b>
ALPHA FINANCE INVESTMENT SERVICES S.A.	08/01/2013
EUROBANK EQUITIES INVESTMENT FIRM S.A	24/10/2012
HELLENIC-AMERICAN SECURITIES S.A.	25/07/2014
LEON DEPOLAS SECURITIES S.A.	20/04/2015
MERIT SECURITIES S.A	03/09/2013
NATIONAL SECURITIES S.A	28/02/2013
PIRAEUS SECURITIES S.A.	08/09/2013
<b>OPAP (CR)</b>	<b>Main Market</b>
ALPHA FINANCE INVESTMENT SERVICES S.A.	08/01/2013
EUROBANK EQUITIES INVESTMENT FIRM S.A	24/10/2012
HELLENIC-AMERICAN SECURITIES S.A.	25/07/2014
MERIT SECURITIES S.A	20/03/2017
NATIONAL SECURITIES S.A	15/01/2013
PIRAEUS SECURITIES S.A.	04/05/2015
<b>OTE (CR)</b>	<b>Main Market</b>
ALPHA FINANCE INVESTMENT SERVICES S.A.	08/01/2013
EUROBANK EQUITIES INVESTMENT FIRM S.A	24/10/2012
HELLENIC-AMERICAN SECURITIES S.A.	25/07/2014
LEON DEPOLAS SECURITIES S.A.	01/04/2019
MERIT SECURITIES S.A	20/03/2017
NATIONAL SECURITIES S.A	01/12/2012
PIRAEUS SECURITIES S.A.	08/09/2013
<b>P.P.A. S.A. (CR)</b>	<b>Main Market</b>
EUROBANK EQUITIES INVESTMENT FIRM S.A	06/02/2019
<b>PAPOUTSANIS (CR)</b>	<b>Main Market</b>
ALPHA FINANCE INVESTMENT SERVICES S.A.	19/11/2018
BETA SECURITIES S.A.	25/11/2013
<b>PETROPOULOS PETROS (CR)</b>	<b>Main Market</b>
EUROBANK EQUITIES INVESTMENT FIRM S.A	01/04/2019
<b>PIRAEUS BANK (CR)</b>	<b>Main Market</b>
ALPHA FINANCE INVESTMENT SERVICES S.A.	15/04/2019
EUROBANK EQUITIES INVESTMENT FIRM S.A	23/10/2012
EUROXX SECURITIES S.A.	15/02/2016
HELLENIC-AMERICAN SECURITIES S.A.	14/01/2019
MERIT SECURITIES S.A	16/09/2013
NATIONAL SECURITIES S.A	02/06/2013
PIRAEUS SECURITIES S.A.	16/02/2013
<b>PLAISIO COMPUTERS SA (CR)</b>	<b>Main Market</b>
BETA SECURITIES S.A.	05/05/2014
EUROBANK EQUITIES INVESTMENT FIRM S.A	02/03/2015
<b>PPC (CR)</b>	<b>Main Market</b>
ALPHA FINANCE INVESTMENT SERVICES S.A.	08/01/2013
ALPHA FINANCE INVESTMENT SERVICES S.A.	23/07/2018
EUROBANK EQUITIES INVESTMENT FIRM S.A	23/10/2012
MERIT SECURITIES S.A	06/11/2017
NATIONAL SECURITIES S.A	26/03/2013
PIRAEUS SECURITIES S.A.	28/09/2013
<b>PROFILE SA (CR)</b>	<b>Main Market</b>
PANTELAKIS SECURITIES S.A.	01/07/2019
<b>QUALITY &amp; RELIABILITY SA (CR)</b>	<b>Main Market</b>
BETA SECURITIES S.A.	20/08/2014
<b>QUEST HOLDINGS (CR)</b>	<b>Main Market</b>
BETA SECURITIES S.A.	26/03/2018
EUROBANK EQUITIES INVESTMENT FIRM S.A	28/01/2019
<b>SPIROY AGRICULTURE SA (CR)</b>	<b>Main Market</b>
EUROBANK EQUITIES INVESTMENT FIRM S.A	02/09/2019
<b>THRACE PLASTICS SA (CR)</b>	<b>Main Market</b>
ALPHA FINANCE INVESTMENT SERVICES S.A.	26/03/2018
EUROBANK EQUITIES INVESTMENT FIRM S.A	26/03/2018
<b>TITAN CEMENT (CB)</b>	<b>Main Market</b>
EUROBANK EQUITIES INVESTMENT FIRM S.A	07/11/2019
<b>VIOHALCO SA/NV (CB)</b>	<b>Main Market</b>
ALPHA FINANCE INVESTMENT SERVICES S.A.	17/02/2014
EUROBANK EQUITIES INVESTMENT FIRM S.A	01/01/2017
MERIT SECURITIES S.A	17/03/2014



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
<b>FTSE/Athex Large Cap</b>																	
2,235.16	2,213.08	2,218.09	-0.66%	December 2019	2,226.25	2,238.00	2,197.00	2,221.00	2,221.00	---	---		2,252.25	---	194	758	10,864
				January 2020	2,225.00	2,230.00	2,220.00	2,220.00	2,220.00	---	---		2,248.75	---	13	85	199
				February 2020	---	---	---	---	2,244.50	---	---		---	---	---	---	---
				March 2020	---	---	---	---	2,248.00	---	---		---	---	---	---	---
				June 2020	---	---	---	---	2,259.25	---	---		---	---	---	---	---
				September 2020	---	---	---	---	2,270.50	---	---		---	---	---	---	---

(Trade Unit: 1 Index Point x 2€, Cash Settlement)

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>

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
<b>ADMIE (IPTO) HOLDING S.A. (CR)</b>				(Contract Size: 100 Securities, Physical Delivery)													
2.2	2.17	2.2	-0.45%	December 2019	2.20	2.20	2.19	2.19	2.19	---	---	---	2.25	---	3	22	7,500
				March 2020	---	---	---	---	2.22	---	---	---	---	---	---	---	---
				June 2020	---	---	---	---	2.24	---	---	---	---	---	---	---	---
				September 2020	---	---	---	---	2.25	---	---	---	---	---	---	---	---
<b>ALPHA BANK (CR)</b>				(Contract Size: 100 Securities, Physical Delivery)													
1.914	1.85	1.85	-2.94%	December 2019	1.93	1.93	1.85	1.85	1.85	---	---	---	1.99	---	294	5,319	55,869
				March 2020	---	---	---	---	1.92	---	---	---	1.65	---	---	---	1
				June 2020	---	---	---	---	1.93	---	---	---	---	---	---	---	---
				September 2020	---	---	---	---	1.94	---	---	---	---	---	---	---	---
<b>ATTICA BANK S.A. (CR)</b>				(Contract Size: 100 Securities, Physical Delivery)													
0.44	0.4295	0.437	0.34%	December 2019	---	---	---	---	0.436	---	---	---	0.468	---	---	---	7,475
				March 2020	---	---	---	---	0.438	---	---	---	---	---	---	---	---
				June 2020	---	---	---	---	0.441	---	---	---	---	---	---	---	---
				September 2020	---	---	---	---	0.443	---	---	---	---	---	---	---	---
<b>CC HBC AG (CR)</b>				(Contract Size: 100 Securities, Physical Delivery)													
28.4	27.9	28	-1.72%	December 2019	28.31	28.35	27.96	28.00	28.00	---	---	---	31.38	---	106	178	558
				March 2020	---	---	---	---	28.68	---	---	---	---	---	---	---	---
				June 2020	---	---	---	---	28.83	---	---	---	---	---	---	---	---
				September 2020	---	---	---	---	28.97	---	---	---	---	---	---	---	---
<b>CENERGY HOLDINGS (CB)</b>				(Contract Size: 100 Securities, Physical Delivery)													
1.354	1.332	1.346	-1.03%	December 2019	1.36	1.36	1.35	1.35	1.35	---	---	---	1.46	---	4	47	7,711
				March 2020	---	---	---	---	1.37	---	---	---	---	---	---	---	---
				June 2020	---	---	---	---	1.38	---	---	---	---	---	---	---	---
				September 2020	---	---	---	---	1.38	---	---	---	---	---	---	---	---
<b>ELLAKTOR (CR)</b>				(Contract Size: 100 Securities, Physical Delivery)													
1.764	1.726	1.74	-0.12%	December 2019	1.75	1.77	1.73	1.75	1.75	---	---	---	2.27	---	207	2,794	20,289
				March 2020	---	---	---	---	1.75	---	---	---	---	---	---	---	---
				June 2020	---	---	---	---	1.76	---	---	---	---	---	---	---	---
				September 2020	---	---	---	---	1.77	---	---	---	---	---	---	---	---
<b>EUROBANK ERGASIAS (CR)</b>				(Contract Size: 100 Securities, Physical Delivery)													
0.984	0.951	0.965	-2.03%	December 2019	0.954	0.985	0.954	0.958	0.958	---	---	---	0.994	---	120	2,796	35,170
				March 2020	---	---	---	---	0.992	---	---	---	---	---	---	---	---
				June 2020	---	---	---	---	0.997	---	---	---	---	---	---	---	---
				September 2020	---	---	---	---	1.00	---	---	---	---	---	---	---	---

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>

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
<b>EYDAP S.A. (CR)</b>				(Contract Size: 100 Securities, Physical Delivery)													
7.4	7.32	7.38	-0.27%	December 2019	7.42	7.42	7.34	7.34	7.34	---	---	---	8.18	---	9	22	363
				March 2020	---	---	---	---	7.45	---	---	---	---	---	---	---	---
				June 2020	---	---	---	---	7.49	---	---	---	---	---	---	---	---
				September 2020	---	---	---	---	7.52	---	---	---	---	---	---	---	---
<b>FOURLIS (CR)</b>				(Contract Size: 100 Securities, Physical Delivery)													
5.5	5.37	5.37	-2.72%	December 2019	5.47	5.48	5.44	5.44	5.44	---	---	---	5.60	---	6	7	201
				March 2020	---	---	---	---	5.56	---	---	---	---	---	---	---	---
				June 2020	---	---	---	---	5.59	---	---	---	---	---	---	---	---
				September 2020	---	---	---	---	5.61	---	---	---	---	---	---	---	---
<b>GEK TERNA (CR)</b>				(Contract Size: 100 Securities, Physical Delivery)													
6.94	6.82	6.9	0.14%	December 2019	6.89	6.93	6.85	6.87	6.87	---	---	---	6.95	---	19	49	10,328
				March 2020	---	---	---	---	6.94	---	---	---	---	---	---	---	---
				June 2020	---	---	---	---	6.97	---	---	---	---	---	---	---	---
				September 2020	---	---	---	---	7.01	---	---	---	---	---	---	---	---
<b>HELLENIC EXCHANGES-A.S.E. (CR)</b>				(Contract Size: 102 Securities, Physical Delivery)													
4.57	4.53	4.56	-0.22%	December 2019	4.55	4.55	4.54	4.55	4.55	---	---	---	4.90	---	7	17	2,653
				March 2020	---	---	---	---	4.60	---	---	---	---	---	---	---	---
				June 2020	---	---	---	---	4.62	---	---	---	---	---	---	---	---
				September 2020	---	---	---	---	4.65	---	---	---	---	---	---	---	---
<b>HELLENIC PETROLEUM (CR)</b>				(Contract Size: 100 Securities, Physical Delivery)													
8.66	8.54	8.66	0.58%	December 2019	8.59	8.65	8.59	8.65	8.65	---	---	---	9.40	---	3	3	2,168
				March 2020	---	---	---	---	8.67	---	---	---	---	---	---	---	---
				June 2020	---	---	---	---	8.71	---	---	---	---	---	---	---	---
				September 2020	---	---	---	---	8.76	---	---	---	---	---	---	---	---
<b>INTRACOM HOLDINGS (CR)</b>				(Contract Size: 100 Securities, Physical Delivery)													
0.882	0.862	0.878	-0.23%	December 2019	0.899	0.899	0.883	0.883	0.883	---	---	---	1.08	---	2	6	3,797
				March 2020	---	---	---	---	0.886	---	---	---	1.01	---	---	---	---
				June 2020	---	---	---	---	0.890	---	---	---	---	---	---	---	---
				September 2020	---	---	---	---	0.895	---	---	---	---	---	---	---	---
<b>INTRALOT (CR)</b>				(Contract Size: 100 Securities, Physical Delivery)													
0.409	0.386	0.405	2.14%	December 2019	0.400	0.410	0.393	0.410	0.410	---	---	---	0.522	---	9	86	6,057
				March 2020	---	---	---	---	0.399	---	---	---	---	---	---	---	---
				June 2020	---	---	---	---	0.401	---	---	---	---	---	---	---	---
				September 2020	---	---	---	---	0.403	---	---	---	---	---	---	---	---

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>

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
<b>JUMBO SA (CR)</b>				(Contract Size: 100 Securities, Physical Delivery)													
18.8	18.38	18.5	-0.43%	December 2019	18.52	18.70	18.48	18.65	18.65	---	---	---	18.80	---	10	25	546
				March 2020	---	---	---	---	18.71	---	---	---	---	---	---	---	---
				June 2020	---	---	---	---	18.80	---	---	---	---	---	---	---	---
				September 2020	---	---	---	---	18.89	---	---	---	---	---	---	---	---
<b>LAMDA DEVELOPMENT SA (CR)</b>				(Contract Size: 100 Securities, Physical Delivery)													
7.9	7.77	7.9	1.54%	December 2019	7.80	7.86	7.80	7.85	7.85	---	---	---	8.96	---	15	54	1,820
				March 2020	---	---	---	---	7.83	---	---	---	---	---	---	---	---
				June 2020	---	---	---	---	7.87	---	---	---	---	---	---	---	---
				September 2020	---	---	---	---	7.91	---	---	---	---	---	---	---	---
<b>MARFIN INVESTMENT GROUP (CR)</b>				(Contract Size: 100 Securities, Physical Delivery)													
0.101	0.0978	0.0984	-1.60%	December 2019	0.100	0.101	0.098	0.100	0.100	---	---	---	0.160	---	83	3,405	80,093
				March 2020	---	---	---	---	0.101	---	---	---	0.110	---	---	---	500
				June 2020	---	---	---	---	0.101	---	---	---	---	---	---	---	---
				September 2020	---	---	---	---	0.102	---	---	---	---	---	---	---	---
<b>MOTOR OIL (CR)</b>				(Contract Size: 100 Securities, Physical Delivery)													
21.8	21.6	21.78	-0.27%	December 2019	21.46	21.46	21.41	21.41	21.41	---	---	---	22.30	---	2	4	568
				March 2020	---	---	---	---	21.99	---	---	---	---	---	---	---	---
				June 2020	---	---	---	---	22.10	---	---	---	---	---	---	---	---
				September 2020	---	---	---	---	22.21	---	---	---	---	---	---	---	---
<b>MYTILINEOS (CR)</b>				(Contract Size: 100 Securities, Physical Delivery)													
9.95	9.81	9.85	-0.60%	December 2019	9.92	9.92	9.84	9.88	9.88	---	---	---	10.34	---	31	105	12,774
				March 2020	---	---	---	---	9.98	---	---	---	---	---	---	---	---
				June 2020	---	---	---	---	10.03	---	---	---	---	---	---	---	---
				September 2020	---	---	---	---	10.08	---	---	---	---	---	---	---	---
<b>NATIONAL BANK (CR)</b>				(Contract Size: 100 Securities, Physical Delivery)													
3.12	3.042	3.06	-2.24%	December 2019	3.09	3.13	3.05	3.05	3.05	---	---	---	3.14	---	365	5,240	41,312
				March 2020	---	---	---	---	3.15	---	---	---	---	---	---	---	---
				June 2020	---	---	---	---	3.17	---	---	---	---	---	---	---	---
				September 2020	---	---	---	---	3.18	---	---	---	---	---	---	---	---
<b>OPAP (CR)</b>				(Contract Size: 100 Securities, Physical Delivery)													
9.94	9.75	9.9	0.87%	December 2019	9.77	9.97	9.77	9.90	9.90	---	---	---	10.04	---	153	935	6,403
				March 2020	---	---	---	---	9.88	---	---	---	---	---	---	---	---
				June 2020	---	---	---	---	9.93	---	---	---	---	---	---	---	---
				September 2020	---	---	---	---	9.98	---	---	---	---	---	---	---	---

Derivatives notes

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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
<b>OTE (CR)</b>				(Contract Size: 100 Securities, Physical Delivery)													
13.99	13.46	13.92	3.11%	December 2019	13.50	13.97	13.50	13.89	13.89	---	---	---	13.97	---	64	243	2,142
				March 2020	---	---	---	---	13.59	---	---	---	---	---	---	---	---
				June 2020	---	---	---	---	13.66	---	---	---	---	---	---	---	---
				September 2020	---	---	---	---	13.73	---	---	---	---	---	---	---	---
<b>P.P.A. S.A. (CR)</b>				(Contract Size: 100 Securities, Physical Delivery)													
23	22.8	22.95	0.00%	December 2019	---	---	---	---	22.99	---	---	---	24.17	---	---	---	726
				March 2020	---	---	---	---	23.11	---	---	---	---	---	---	---	---
				June 2020	---	---	---	---	23.22	---	---	---	---	---	---	---	---
				September 2020	---	---	---	---	23.34	---	---	---	---	---	---	---	---
<b>PIRAEUS BANK (CR)</b>				(Contract Size: 100 Securities, Physical Delivery)													
3.18	3.098	3.11	-2.08%	December 2019	3.13	3.20	3.11	3.13	3.13	---	---	---	3.20	---	153	2,190	29,648
				March 2020	---	---	---	---	3.20	---	---	---	---	---	---	---	---
				June 2020	---	---	---	---	3.21	---	---	---	---	---	---	---	---
				September 2020	---	---	---	---	3.23	---	---	---	---	---	---	---	---
<b>PPC (CR)</b>				(Contract Size: 100 Securities, Physical Delivery)													
3.19	3.15	3.15	-1.25%	December 2019	3.16	3.20	3.15	3.15	3.15	---	---	---	3.28	---	61	360	16,017
				March 2020	---	---	---	---	3.21	---	---	---	---	---	---	---	---
				June 2020	---	---	---	---	3.23	---	---	---	---	---	---	---	---
				September 2020	---	---	---	---	3.24	---	---	---	---	---	---	---	---
<b>TERNA ENERGY (CR)</b>				(Contract Size: 100 Securities, Physical Delivery)													
7.51	7.31	7.49	1.63%	December 2019	7.43	7.51	7.43	7.51	7.51	---	---	---	8.17	---	12	32	4,837
				March 2020	---	---	---	---	7.42	---	---	---	---	---	---	---	---
				June 2020	---	---	---	---	7.46	---	---	---	---	---	---	---	---
				September 2020	---	---	---	---	7.49	---	---	---	---	---	---	---	---
<b>TITAN CEMENT (CB)</b>				(Contract Size: 100 Securities, Physical Delivery)													
18.66	18.28	18.58	0.11%	December 2019	18.45	18.45	18.45	18.45	18.45	---	---	---	19.04	---	1	1	72
				March 2020	---	---	---	---	18.69	---	---	---	---	---	---	---	---
				June 2020	---	---	---	---	18.78	---	---	---	---	---	---	---	---
				September 2020	---	---	---	---	18.87	---	---	---	---	---	---	---	---
<b>VIOHALCO SA/NV (CB)</b>				(Contract Size: 100 Securities, Physical Delivery)													
3.725	3.67	3.7	-0.67%	December 2019	3.69	3.70	3.68	3.70	3.70	---	---	---	4.23	---	11	62	6,325
				March 2020	---	---	---	---	3.75	---	---	---	---	---	---	---	---
				June 2020	---	---	---	---	3.77	---	---	---	---	---	---	---	---
				September 2020	---	---	---	---	3.79	---	---	---	---	---	---	---	---

Derivatives notes

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ALPHA BANK (CR)

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

Call Options																Put Options																	
Exercise Price	December 2019						January 2020						Other Months		December 2019						January 2020						Other Months		Exercise Price				
	Open price	Price max	Price min	Last price	Closing price	Volume	Open Interest	Open price	Price max	Price min	Last price	Closing price	Volume	Open Interest	Volume	Open Interest	Open price	Price max	Price min	Last price	Closing price	Volume	Open Interest	Open price	Price max	Price min	Last price	Closing price		Volume	Open Interest	Volume	Open Interest
0.600	0.000	0.000	0.000		1.31	-	-						-	-			0.000	0.000	0.000		0.001	-	-					-	-			0.006	
0.650	0.000	0.000	0.000		1.26	-	-						-	-			0.000	0.000	0.000		0.001	-	-					-	-			0.007	
0.700	0.000	0.000	0.000		1.21	-	-						-	-			0.000	0.000	0.000		0.001	-	-					-	-			0.007	
0.750	0.000	0.000	0.000		1.16	-	-						-	-			0.000	0.000	0.000		0.001	-	-					-	-			0.008	
0.800	0.000	0.000	0.000		1.11	-	-						-	-			0.000	0.000	0.000		0.001	-	-					-	-			0.008	
0.850	0.000	0.000	0.000		1.06	-	-						-	-			0.000	0.000	0.000		0.002	-	-					-	-			0.009	
0.900	0.000	0.000	0.000		1.01	-	-						-	-			0.000	0.000	0.000		0.003	-	-					-	-			0.009	
0.950	0.000	0.000	0.000		0.962	-	-						-	-			0.000	0.000	0.000		0.001	-	-					-	-			0.010	
1.000	0.000	0.000	0.000		0.912	-	-						-	-			0.000	0.000	0.000		0.001	-	-					-	-			0.010	
1.100	0.000	0.000	0.000		0.812	-	-						-	-			0.000	0.000	0.000		0.001	-	-					-	-			0.011	
1.200	0.000	0.000	0.000		0.712	-	-	0.000	0.000	0.000		0.714	-	-			0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000		0.003	-	-			0.012
1.300	0.000	0.000	0.000		0.612	-	-	0.000	0.000	0.000		0.615	-	-			0.000	0.000	0.000		0.002	-	-	0.000	0.000	0.000		0.001	-	-			0.013
1.400	0.000	0.000	0.000		0.512	-	-	0.000	0.000	0.000		0.518	-	-			0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000		0.003	-	-			0.014
1.500	0.000	0.000	0.000		0.413	-	-	0.000	0.000	0.000		0.424	-	-			0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000		0.009	-	-			0.015
1.600	0.000	0.000	0.000		0.317	-	-	0.000	0.000	0.000		0.337	-	-			0.000	0.000	0.000		0.004	-	-	0.000	0.000	0.000		0.022	-	-			0.016
1.700	0.000	0.000	0.000		0.226	-	-	0.000	0.000	0.000		0.259	-	-			0.000	0.000	0.000		0.013	-	-	0.000	0.000	0.000		0.044	-	-			0.017
1.800	0.000	0.000	0.000		0.149	-	35	0.000	0.000	0.000		0.192	-	-			0.000	0.000	0.000		0.036	-	-	0.000	0.000	0.000		0.076	-	-			0.018
1.900	0.000	0.000	0.000		0.089	-	5	0.000	0.000	0.000		0.137	-	-			0.000	0.000	0.000		0.076	-	-	0.000	0.000	0.000		0.121	-	-			0.019
2.000	0.000	0.000	0.000		0.048	-	-	0.000	0.000	0.000		0.094	-	-			0.000	0.000	0.000		0.135	-	-	0.000	0.000	0.000		0.178	-	-			0.020
2.200	0.000	0.000	0.000		0.010	-	-	0.000	0.000	0.000		0.040	-	-			0.000	0.000	0.000		0.298	-	-	0.000	0.000	0.000		0.325	-	-			0.022
2.400	0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000		0.016	-	-			0.000	0.000	0.000		0.490	-	-	0.000	0.000	0.000		0.501	-	-			0.024
2.600	0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000		0.005	-	-			0.000	0.000	0.000		0.690	-	-	0.000	0.000	0.000		0.692	-	-			0.026
2.800	0.000	0.000	0.000		0.001	-	-	0.000	0.000	0.000		0.002	-	-			0.000	0.000	0.000		0.890	-	-	0.000	0.000	0.000		0.890	-	-			0.028
Totals:						0	40						0	0							0	0						0	0			0	0
Number of Trades:							0						0	0								0.00						0				0	

## NATIONAL BANK (CR)

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

Call Options															Put Options																	
December 2019							January 2020							Other Months		December 2019							January 2020							Other Months		Exercise Price
Open price	Price max	Price min	Last price	Closing price	Volume	Open Interest	Open price	Price max	Price min	Last price	Closing price	Volume	Open Interest	Volume	Open Interest	Open price	Price max	Price min	Last price	Closing price	Volume	Open Interest	Open price	Price max	Price min	Last price	Closing price	Volume	Open Interest	Volume	Open Interest	
0.650	0.000	0.000	0.000	2.48	-	-										0.000	0.000	0.000	0.002	-	-											0.007
0.700	0.000	0.000	0.000	2.43	-	-										0.000	0.000	0.000	0.001	-	-											0.007
0.750	0.000	0.000	0.000	2.38	-	-										0.000	0.000	0.000	0.001	-	-											0.008
0.800	0.000	0.000	0.000	2.33	-	-										0.000	0.000	0.000	0.001	-	-											0.008
0.850	0.000	0.000	0.000	2.28	-	-										0.000	0.000	0.000	0.001	-	-											0.009
0.900	0.000	0.000	0.000	2.23	-	-										0.000	0.000	0.000	0.001	-	-											0.009
0.950	0.000	0.000	0.000	2.18	-	-										0.000	0.000	0.000	0.001	-	-											0.010
1.000	0.000	0.000	0.000	2.13	-	-										0.000	0.000	0.000	0.001	-	-											0.010
1.100	0.000	0.000	0.000	2.03	-	-										0.000	0.000	0.000	0.001	-	-											0.011
1.200	0.000	0.000	0.000	1.93	-	-										0.000	0.000	0.000	0.001	-	-											0.012
1.300	0.000	0.000	0.000	1.83	-	-										0.000	0.000	0.000	0.002	-	-											0.013
1.400	0.000	0.000	0.000	1.73	-	-										0.000	0.000	0.000	0.001	-	-											0.014
1.500	0.000	0.000	0.000	1.63	-	-										0.000	0.000	0.000	0.001	-	-											0.015
1.600	0.000	0.000	0.000	1.53	-	-										0.000	0.000	0.000	0.001	-	-											0.016
1.700	0.000	0.000	0.000	1.43	-	-										0.000	0.000	0.000	0.001	-	-											0.017
1.800	0.000	0.000	0.000	1.33	-	-										0.000	0.000	0.000	0.001	-	-											0.018
1.900	0.000	0.000	0.000	1.23	-	-	0.000	0.000	0.000		1.24	-	-			0.000	0.000	0.000	0.001	-	-	0.000	0.000	0.000		0.001	-	-			0.019	
2.000	0.000	0.000	0.000	1.13	-	-	0.000	0.000	0.000		1.14	-	-			0.000	0.000	0.000	0.001	-	-	0.000	0.000	0.000		0.001	-	-			0.020	
2.200	0.000	0.000	0.000	0.934	-	-	0.000	0.000	0.000		0.940	-	-			0.000	0.000	0.000	0.002	-	-	0.000	0.000	0.000		0.003	-	-			0.022	
2.400	0.000	0.000	0.000	0.736	-	-	0.000	0.000	0.000		0.750	-	-			0.000	0.000	0.000	0.001	-	-	0.000	0.000	0.000		0.013	-	-			0.024	
2.600	0.000	0.000	0.000	0.543	-	10	0.000	0.000	0.000		0.573	-	60			0.000	0.000	0.000	0.009	-	550	0.000	0.000	0.000		0.035	-	-			0.026	
2.800	0.000	0.000	0.000	0.368	-	5	0.000	0.000	0.000		0.418	-	-			0.000	0.000	0.000	0.033	-	-	0.000	0.000	0.000		0.079	-	-			0.028	
3.000	0.000	0.000	0.000	0.225	-	-	0.000	0.000	0.000		0.289	-	-			0.000	0.000	0.000	0.090	-	-	0.000	0.000	0.000		0.150	-	-			0.030	
3.200	0.000	0.000	0.000	0.123	-	10	0.000	0.000	0.000		0.191	-	-			0.000	0.000	0.000	0.187	-	-	0.000	0.000	0.000		0.252	-	-			0.032	
3.400	0.000	0.000	0.000	0.059	-	-	0.000	0.000	0.000		0.120	-	-			0.000	0.000	0.000	0.324	-	-	0.000	0.000	0.000		0.380	-	-			0.034	
3.600	0.000	0.000	0.000	0.025	-	-	0.000	0.000	0.000		0.071	-	-			0.000	0.000	0.000	0.491	-	-	0.000	0.000	0.000		0.532	-	-			0.036	
3.800	0.000	0.000	0.000	0.010	-	-	0.000	0.000	0.000		0.040	-	-			0.000	0.000	0.000	0.676	-	-	0.000	0.000	0.000		0.702	-	-			0.038	
4.000	0.000	0.000	0.000	0.003	-	-	0.000	0.000	0.000		0.022	-	-			0.000	0.000	0.000	0.871	-	-	0.000	0.000	0.000		0.884	-	-			0.040	
4.400	0.000	0.000	0.000	0.001	-	-	0.000	0.000	0.000		0.006	-	-			0.000	0.000	0.000	1.27	-	-	0.000	0.000	0.000		1.27	-	-			0.044	
Totals:					0	25						0	60	0	0				0	550						0	0	0	0			
Number of Trades:					0							0		0					0.00								0		0			



OPAP (CR)

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

Exercise Price	Call Options														Put Options																	
	December 2019						January 2020						Other Months		December 2019						January 2020						Other Months		Exercise Price			
	Open price	Price max	Price min	Last price	Closing price	Volume	Open Interest	Open price	Price max	Price min	Last price	Closing price	Volume	Open Interest	Volume	Open Interest	Open price	Price max	Price min	Last price	Closing price	Volume	Open Interest	Open price	Price max	Price min	Last price	Closing price		Volume	Open Interest	Volume
5.600	0.000	0.000	0.000	4.23	-	-	-	-	-	-	-	-	-	-	-	0.000	0.000	0.000	0.008	-	-	-	-	-	-	-	-	-		-	-	-
6.000	0.000	0.000	0.000	3.83	-	-	-	-	-	-	-	-	-	-	-	0.000	0.000	0.000	0.002	-	-	-	-	-	-	-	-	-	-	-	-	0.060
6.400	0.000	0.000	0.000	3.43	-	-	-	-	-	-	-	-	-	-	-	0.000	0.000	0.000	0.001	-	-	-	-	-	-	-	-	-	-	-	-	0.064
6.800	0.000	0.000	0.000	3.03	-	-	-	-	-	-	-	-	-	-	-	0.000	0.000	0.000	0.001	-	-	-	-	-	-	-	-	-	-	-	-	0.068
7.200	0.000	0.000	0.000	2.63	-	-	-	-	-	-	-	-	-	-	-	0.000	0.000	0.000	0.001	-	-	-	-	-	-	-	-	-	-	-	-	0.072
7.600	0.000	0.000	0.000	2.23	-	-	0.000	0.000	0.000	2.24	-	-	-	-	-	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	1.83	-	-	0.000	0.000	0.000	1.85	-	-	-	-	-	0.000	0.000	0.000	0.001	-	-	0.000	0.000	0.000	0.001	-	-	-	-	-	0.080	
8.400	0.000	0.000	0.000	1.43	-	-	0.000	0.000	0.000	1.45	-	-	-	-	-	0.000	0.000	0.000	0.001	-	-	0.000	0.000	0.000	0.006	-	-	-	-	-	0.084	
8.800	0.000	0.000	0.000	1.04	-	-	0.000	0.000	0.000	1.08	-	-	-	-	-	0.000	0.000	0.000	0.005	-	-	0.000	0.000	0.000	0.027	-	-	-	-	-	0.088	
9.200	0.000	0.000	0.000	0.667	-	-	0.000	0.000	0.000	0.734	-	-	-	-	-	0.000	0.000	0.000	0.031	-	10	0.000	0.000	0.000	0.084	-	-	-	-	-	0.092	
9.600	0.000	0.000	0.000	0.359	-	5	0.000	0.000	0.000	0.452	-	-	-	-	-	0.000	0.000	0.000	0.123	-	3	0.000	0.000	0.000	0.202	-	-	-	-	-	0.096	
10.000	0.157	0.157	0.157	0.157	0.157	1	1	0.000	0.000	0.000	0.250	-	-	-	-	0.000	0.000	0.000	0.317	-	-	0.000	0.000	0.000	0.400	-	-	-	-	-	0.100	
11.000	0.000	0.000	0.000	0.005	-	-	0.000	0.000	0.000	0.032	-	-	-	-	-	0.000	0.000	0.000	1.18	-	-	0.000	0.000	0.000	1.19	-	-	-	-	-	0.110	
12.000	0.000	0.000	0.000	0.002	-	-	0.000	0.000	0.000	0.002	-	-	-	-	-	0.000	0.000	0.000	2.18	-	-	0.000	0.000	0.000	2.18	-	-	-	-	-	0.120	
13.000	0.000	0.000	0.000	0.001	-	-	0.000	0.000	0.000	0.001	-	-	-	-	-	0.000	0.000	0.000	3.18	-	-	0.000	0.000	0.000	3.18	-	-	-	-	-	0.130	
14.000	0.000	0.000	0.000	0.001	-	-	0.000	0.000	0.000	0.001	-	-	-	-	-	0.000	0.000	0.000	4.18	-	-	0.000	0.000	0.000	4.18	-	-	-	-	-	0.140	
15.000	0.000	0.000	0.000	0.001	-	-	0.000	0.000	0.000	0.001	-	-	-	-	-	0.000	0.000	0.000	5.18	-	-	0.000	0.000	0.000	5.18	-	-	-	-	-	0.150	
Totals:						1	6					0	0	0	0						1	13				0	0	0	0			
Number of Trades:						1						0		0							0.00				0		0					

OTE (CR)

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

Exercise Price	Call Options														Put Options																	
	December 2019						January 2020						Other Months		December 2019						January 2020						Other Months		Exercise Price			
	Open price	Price max	Price min	Last price	Closing price	Volume	Open Interest	Open price	Price max	Price min	Last price	Closing price	Volume	Open Interest	Volume	Open Interest	Open price	Price max	Price min	Last price	Closing price	Volume	Open Interest	Open price	Price max	Price min	Last price	Closing price		Volume	Open Interest	Volume
7.600	0.000	0.000	0.000	5.91	-	-	-	-	-	-	-	-	-	-	-	0.000	0.000	0.000	0.004	-	-	-	-	-	-	-	-	-		-	-	-
8.000	0.000	0.000	0.000	5.51	-	-	-	-	-	-	-	-	-	-	-	0.000	0.000	0.000	0.001	-	-	-	-	-	-	-	-	-	-	-	-	0.080
8.400	0.000	0.000	0.000	5.11	-	-	-	-	-	-	-	-	-	-	-	0.000	0.000	0.000	0.001	-	-	-	-	-	-	-	-	-	-	-	-	0.084
8.800	0.000	0.000	0.000	4.72	-	-	-	-	-	-	-	-	-	-	-	0.000	0.000	0.000	0.001	-	-	-	-	-	-	-	-	-	-	-	-	0.088
9.200	0.000	0.000	0.000	4.32	-	-	0.000	0.000	0.000	0.000	4.33	-	-	-	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	3.92	-	-	0.000	0.000	0.000	0.000	3.93	-	-	-	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	3.52	-	-	0.000	0.000	0.000	0.000	3.53	-	-	-	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	2.52	-	-	0.000	0.000	0.000	0.000	2.54	-	-	-	0.000	0.000	0.000	0.001	-	-	-	-	0.000	0.000	0.000	0.003	-	-	-	-	0.110	
12.000	0.000	0.000	0.000	1.52	-	-	0.000	0.000	0.000	0.000	1.55	-	-	-	0.000	0.000	0.000	0.001	-	-	-	-	0.000	0.000	0.000	0.012	-	-	-	-	0.120	
13.000	0.000	0.000	0.000	0.599	-	-	0.000	0.000	0.000	0.000	0.689	-	-	-	0.000	0.000	0.000	0.077	-	71	-	-	0.000	0.000	0.000	0.148	-	-	-	-	0.130	
14.000	0.000	0.000	0.000	0.095	-	82	0.000	0.000	0.000	0.000	0.184	-	31	-	0.000	0.000	0.000	0.575	-	-	-	-	0.000	0.000	0.000	0.646	-	-	-	-	0.140	
15.000	0.000	0.000	0.000	0.004	-	40	0.000	0.000	0.000	0.000	0.027	-	-	-	0.000	0.000	0.000	1.50	-	-	-	-	0.000	0.000	0.000	1.50	-	-	-	-	0.150	
16.000	0.000	0.000	0.000	0.001	-	-	0.000	0.000	0.000	0.000	0.002	-	-	-	0.000	0.000	0.000	2.50	-	-	-	-	0.000	0.000	0.000	2.50	-	-	-	-	0.160	
17.000	0.000	0.000	0.000	0.001	-	-	0.000	0.000	0.000	0.000	0.001	-	-	-	0.000	0.000	0.000	3.50	-	-	-	-	0.000	0.000	0.000	3.50	-	-	-	-	0.170	
18.000	0.000	0.000	0.000	0.001	-	-	0.000	0.000	0.000	0.000	0.001	-	-	-	0.000	0.000	0.000	4.50	-	-	-	-	0.000	0.000	0.000	4.50	-	-	-	-	0.180	
19.000	0.000	0.000	0.000	0.001	-	-	0.000	0.000	0.000	0.000	0.001	-	-	-	0.000	0.000	0.000	5.50	-	-	-	-	0.000	0.000	0.000	5.50	-	-	-	-	0.190	
Totals:					0	122						0	31	0	0							0	71					0	21	0	0	
Number of Trades:						0							0		0							0.00							0		0	

PIRAEUS BANK (CR)

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

Call Options																Put Options																
December 2019							January 2020							Other Months		December 2019						January 2020						Other Months		Exercise Price		
Open price	Price max	Price min	Last price	Closing price	Volume	Open Interest	Open price	Price max	Price min	Last price	Closing price	Volume	Open Interest	Volume	Open Interest	Open price	Price max	Price min	Last price	Closing price	Volume	Open Interest	Open price	Price max	Price min	Last price	Closing price	Volume	Open Interest		Volume	Open Interest
0.300	0.000	0.000	0.000	2.88	-	-										0.000	0.000	0.000	0.001	-	-											0.003
0.350	0.000	0.000	0.000	2.83	-	-										0.000	0.000	0.000	0.001	-	-											0.004
0.400	0.000	0.000	0.000	2.78	-	-										0.000	0.000	0.000	0.001	-	-											0.004
0.450	0.000	0.000	0.000	2.73	-	-										0.000	0.000	0.000	0.001	-	-											0.005
0.500	0.000	0.000	0.000	2.68	-	-										0.000	0.000	0.000	0.001	-	-											0.005
0.550	0.000	0.000	0.000	2.63	-	-										0.000	0.000	0.000	0.001	-	-											0.006
0.600	0.000	0.000	0.000	2.58	-	-										0.000	0.000	0.000	0.002	-	-											0.006
0.650	0.000	0.000	0.000	2.53	-	-										0.000	0.000	0.000	0.001	-	-											0.007
0.700	0.000	0.000	0.000	2.48	-	-										0.000	0.000	0.000	0.001	-	-											0.007
0.750	0.000	0.000	0.000	2.43	-	-										0.000	0.000	0.000	0.001	-	-											0.008
0.800	0.000	0.000	0.000	2.38	-	-										0.000	0.000	0.000	0.001	-	-											0.008
0.850	0.000	0.000	0.000	2.33	-	-										0.000	0.000	0.000	0.001	-	-											0.009
0.900	0.000	0.000	0.000	2.28	-	-										0.000	0.000	0.000	0.001	-	-											0.009
0.950	0.000	0.000	0.000	2.23	-	-										0.000	0.000	0.000	0.001	-	-											0.010
1.000	0.000	0.000	0.000	2.18	-	-										0.000	0.000	0.000	0.001	-	-											0.010
1.100	0.000	0.000	0.000	2.08	-	-										0.000	0.000	0.000	0.001	-	-											0.011
1.200	0.000	0.000	0.000	1.98	-	-										0.000	0.000	0.000	0.001	-	-											0.012
1.300	0.000	0.000	0.000	1.88	-	-										0.000	0.000	0.000	0.001	-	-											0.013
1.400	0.000	0.000	0.000	1.78	-	-										0.000	0.000	0.000	0.002	-	-											0.014
1.500	0.000	0.000	0.000	1.68	-	-										0.000	0.000	0.000	0.001	-	-											0.015
1.600	0.000	0.000	0.000	1.58	-	-										0.000	0.000	0.000	0.001	-	-											0.016
1.700	0.000	0.000	0.000	1.48	-	-										0.000	0.000	0.000	0.001	-	-											0.017
1.800	0.000	0.000	0.000	1.38	-	-										0.000	0.000	0.000	0.001	-	-											0.018
1.900	0.000	0.000	0.000	1.28	-	-	0.000	0.000	0.000		1.29	-	-			0.000	0.000	0.000	0.001	-	-	0.000	0.000	0.000		0.003	-	-			0.019	
2.000	0.000	0.000	0.000	1.18	-	-	0.000	0.000	0.000		1.19	-	-			0.000	0.000	0.000	0.001	-	-	0.000	0.000	0.000		0.001	-	-			0.020	
2.200	0.000	0.000	0.000	0.984	-	-	0.000	0.000	0.000		0.990	-	-			0.000	0.000	0.000	0.004	-	-	0.000	0.000	0.000		0.003	-	-			0.022	
2.400	0.000	0.000	0.000	0.787	-	-	0.000	0.000	0.000		0.798	-	-			0.000	0.000	0.000	0.002	-	-	0.000	0.000	0.000		0.010	-	-			0.024	
2.600	0.000	0.000	0.000	0.596	-	-	0.000	0.000	0.000		0.617	-	-			0.000	0.000	0.000	0.012	-	-	0.000	0.000	0.000		0.029	-	-			0.026	
2.800	0.000	0.000	0.000	0.422	-	10	0.000	0.000	0.000		0.457	-	70			0.000	0.000	0.000	0.037	-	-	0.000	0.000	0.000		0.068	-	-			0.028	
3.000	0.000	0.000	0.000	0.277	-	1	0.000	0.000	0.000		0.322	-	2			0.000	0.000	0.000	0.092	-	-	0.000	0.000	0.000		0.132	-	-			0.030	
3.200	0.000	0.000	0.000	0.166	-	-	0.000	0.000	0.000		0.215	-	-			0.000	0.000	0.000	0.181	-	-	0.000	0.000	0.000		0.226	-	-			0.032	
3.400	0.000	0.000	0.000	0.092	-	-	0.000	0.000	0.000		0.138	-	-			0.000	0.000	0.000	0.306	-	-	0.000	0.000	0.000		0.349	-	-			0.034	
3.600	0.000	0.000	0.000	0.046	-	-	0.000	0.000	0.000		0.085	-	-			0.000	0.000	0.000	0.461	-	-	0.000	0.000	0.000		0.495	-	-			0.036	
3.800	0.000	0.000	0.000	0.022	-	-	0.000	0.000	0.000		0.050	-	-			0.000	0.000	0.000	0.637	-	-	0.000	0.000	0.000		0.660	-	-			0.038	
4.000	0.000	0.000	0.000	0.009	-	-	0.000	0.000	0.000		0.028	-	-			0.000	0.000	0.000	0.825	-	-	0.000	0.000	0.000		0.839	-	-			0.040	
4.400	0.000	0.000	0.000	0.001	-	-	0.000	0.000	0.000		0.008	-	-			0.000	0.000	0.000	1.22	-	-	0.000	0.000	0.000		1.22	-	-			0.044	

PIRAEUS BANK (CR)

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

	Call Options														Put Options																					
	December 2019						January 2020						Other Months		December 2019						January 2020						Other Months									
Exercise Price	Open price	Price max	Price min	Last price	Closing price	Volume	Open Interest	Open price	Price max	Price min	Last price	Closing price	Volume	Open Interest	Volume	Open Interest	Open price	Price max	Price min	Last price	Closing price	Volume	Open Interest	Open price	Price max	Price min	Last price	Closing price	Volume	Open Interest	Volume	Open Interest	Exercise Price			
Totals:						0	11							0	72	0	0							0	0							0	50	0	0	
Number of Trades:							0							0										0.00							0			0		

PPC (CR)

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

Exercise Price	Call Options														Put Options																				
	December 2019						January 2020						Other Months		December 2019						January 2020						Other Months		Exercise Price						
	Open price	Price max	Price min	Last price	Closing price	Volume	Open Interest	Open price	Price max	Price min	Last price	Closing price	Volume	Open Interest	Volume	Open Interest	Open price	Price max	Price min	Last price	Closing price	Volume	Open Interest	Open price	Price max	Price min	Last price	Closing price		Volume	Open Interest	Volume	Open Interest		
0.900	0.000	0.000	0.000	2.29	-	-											0.000	0.000	0.000	0.001	-	-												0.009	
0.950	0.000	0.000	0.000	2.24	-	-											0.000	0.000	0.000	0.001	-	-											0.010		
1.000	0.000	0.000	0.000	2.19	-	-											0.000	0.000	0.000	0.001	-	-											0.010		
1.100	0.000	0.000	0.000	2.09	-	-											0.000	0.000	0.000	0.001	-	-											0.011		
1.200	0.000	0.000	0.000	1.99	-	-											0.000	0.000	0.000	0.001	-	-											0.012		
1.300	0.000	0.000	0.000	1.89	-	-											0.000	0.000	0.000	0.001	-	-											0.013		
1.400	0.000	0.000	0.000	1.79	-	-											0.000	0.000	0.000	0.001	-	-											0.014		
1.500	0.000	0.000	0.000	1.69	-	-											0.000	0.000	0.000	0.001	-	-											0.015		
1.600	0.000	0.000	0.000	1.59	-	-											0.000	0.000	0.000	0.001	-	-											0.016		
1.700	0.000	0.000	0.000	1.49	-	-											0.000	0.000	0.000	0.001	-	-											0.017		
1.800	0.000	0.000	0.000	1.39	-	-											0.000	0.000	0.000	0.001	-	-											0.018		
1.900	0.000	0.000	0.000	1.29	-	-											0.000	0.000	0.000	0.001	-	-											0.019		
2.000	0.000	0.000	0.000	1.19	-	-	0.000	0.000	0.000		1.20	-	-				0.000	0.000	0.000	0.001	-	-	0.000	0.000	0.000		0.001	-	-			0.020			
2.200	0.000	0.000	0.000	0.994	-	-	0.000	0.000	0.000		1.00	-	-				0.000	0.000	0.000	0.001	-	-	0.000	0.000	0.000		0.003	-	-			0.022			
2.400	0.000	0.000	0.000	0.795	-	-	0.000	0.000	0.000		0.809	-	-				0.000	0.000	0.000	0.001	-	-	0.000	0.000	0.000		0.011	-	-			0.024			
2.600	0.000	0.000	0.000	0.602	-	-	0.000	0.000	0.000		0.629	-	-				0.000	0.000	0.000	0.008	-	-	0.000	0.000	0.000		0.030	-	-			0.026			
2.800	0.000	0.000	0.000	0.423	-	-	0.000	0.000	0.000		0.469	-	-				0.000	0.000	0.000	0.028	-	11	0.000	0.000	0.000		0.070	-	-			0.028			
3.000	0.000	0.000	0.000	0.272	-	11	0.000	0.000	0.000		0.334	-	-				0.000	0.000	0.000	0.077	-	31	0.000	0.000	0.000		0.134	-	-			0.030			
3.200	0.000	0.000	0.000	0.157	-	11	0.000	0.000	0.000		0.226	-	-				0.000	0.000	0.000	0.162	-	-	0.000	0.000	0.000		0.226	-	-			0.032			
3.400	0.000	0.000	0.000	0.083	-	30	0.000	0.000	0.000		0.148	-	5				0.000	0.000	0.000	0.287	-	-	0.000	0.000	0.000		0.348	-	-			0.034			
3.600	0.000	0.000	0.000	0.039	-	5	0.000	0.000	0.000		0.092	-	-				0.000	0.000	0.000	0.444	-	-	0.000	0.000	0.000		0.493	-	-			0.036			
3.800	0.000	0.000	0.000	0.016	-	-	0.000	0.000	0.000		0.055	-	-				0.000	0.000	0.000	0.622	-	-	0.000	0.000	0.000		0.656	-	-			0.038			
4.000	0.000	0.000	0.000	0.007	-	-	0.000	0.000	0.000		0.032	-	-				0.000	0.000	0.000	0.813	-	-	0.000	0.000	0.000		0.833	-	-			0.040			
4.400	0.000	0.000	0.000	0.001	-	-	0.000	0.000	0.000		0.010	-	-				0.000	0.000	0.000	1.21	-	-	0.000	0.000	0.000		1.21	-	-			0.044			
Totals:						0	57							0	5	0	0							0	42							0	20	0	0
Number of Trades:						0							0							0.00							0							0	

Lending Products	Underlying Title	Multilateral Transactions[1]					Bilateral Transactions[2]		Stock Borrowing through OTC (volume)[3]
		Open Interest[5]	Volume(Offered)	Average Weighted	Transactions volume	Average Weighted	Transactions Volume	Average Weighted	Transactions Volume
ADMIEBOR	ADMIE (IPTO) HOLDING S.A. (CR)	---	---	---	---	---	---	115,644	
AEGNBOR	AEGEAN AIRLINES (CR)	800	---	---	---	---	---	11,211	
ALPHABOR	ALPHA BANK (CR)	23,000	---	---	---	---	---	44,559,821	
ALMYBOR	ALUMIL (CR)	---	---	---	---	---	---	---	
TATTBOR	ATTICA BANK S.A. (CR)	---	---	---	---	---	---	370	
EEEBOR	CC HBC AG (CR)	---	---	---	---	---	---	70,546	
CENERBOR	CENERGY HOLDINGS (CB)	---	---	---	---	---	---	---	
ELLAKTORBOR	ELLAKTOR (CR)	60,150	---	---	---	---	---	1,898	
EUROBBOR	EUROBANK ERGASIAS (CR)	83,985	---	---	---	---	---	57,801,517	
EYDAPBOR	EYDAP S.A. (CR)	850	---	---	---	---	---	232,781	
FFGRPBOR	FOLLI FOLLIE (CR)	---	---	---	---	---	---	1,120,847	
FOYRKBOR	FOURLIS (CR)	2,100	---	---	---	---	---	8,391	
GEKTERNABOR	GEK TERNA (CR)	---	---	---	---	---	---	24,493	
SARBOR	GR. SARANTIS S.A. (CR)	2,765	---	---	---	---	---	612	
EXAEBOR	HELLENIC EXCHANGES-A.S.E. (CR)	---	---	---	---	---	---	123,778	
ELPEBOR	HELLENIC PETROLEUM (CR)	---	---	---	---	---	---	56,983	
INTRKBOR	INTRACOM HOLDINGS (CR)	---	---	---	---	---	---	---	
INLOTBOR	INTRALOT (CR)	---	---	---	---	---	---	514,512	
BELABOR	JUMBO SA (CR)	23,165	---	---	---	---	---	108,098	
LAMDABOR	LAMDA DEVELOPMENT SA (CR)	384	---	---	---	---	---	5,000	
MIGBOR	MARFIN INVESTMENT GROUP (CR)	---	---	---	---	---	---	1,659,474	
MOHBOR	MOTOR OIL (CR)	4,900	---	---	---	---	---	48,134	
MYTILBOR	MYTILINEOS (CR)	---	---	---	---	---	---	25,742	
ETEBOR	NATIONAL BANK (CR)	5,000	---	---	---	4,000	0.01%	20,903,689	
OPAPBOR	OPAP (CR)	3,000	---	---	---	---	---	1,279,606	
HTOBOR	OTE (CR)	12,232	---	---	---	---	---	566,797	
PPABOR	P.P.A. S.A. (CR)	115	---	---	---	---	---	2,901	
TPEIRBOR	PIRAEUS BANK (CR)	---	---	---	---	103,700	4.82%	24,482,532	
PLAISBOR	PLAISIO COMPUTERS SA (CR)	---	---	---	---	---	---	1,000	
PPCBOR	PPC (CR)	17,600	---	---	---	7,000	0.01%	6,745,256	
QUALBOR	QUALITY & RELIABILITY SA (CR)	---	---	---	---	---	---	---	

## 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] - Bilateral 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

Lending Products	Underlying Title	Open Interest[5]	Multilateral Transactions[1]				Bilateral Transactions[2]		Stock Borrowing through OTC (volume)[3]
			Volume(Offered)	Average Weighted	Transactions volume	Average Weighted	Transactions Volume	Average Weighted	Transactions Volume
TENERGYBOR	TERNA ENERGY (CR)	---	---	---	---	---	---	12,892	
TITCBOR	TITAN CEMENT (CB)	---	---	---	---	---	---	7,110	
VIORBOR	VIOTALCO SA/NV (CB)	---	---	---	---	---	---	---	

## 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] - Bilateral 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

## 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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