

| FOREIGN EXCHANGE |                |                            |        |                |                            |                   |                                |        |  |
|------------------|----------------|----------------------------|--------|----------------|----------------------------|-------------------|--------------------------------|--------|--|
| SPOT             | LAST MID PRICE | Price change 1 day percent | SPOT   | LAST MID PRICE | Price change 1 day percent | FIXING 30-12-2022 | Euro change year to date(YTD%) |        |  |
| EURUSD           | 1,089          | -0,27                      | USDJPY | 134,935        | 0,30                       | EURUSD            | 1,071                          | 1,66%  |  |
| EURGBP           | 0,8709         | 102,18                     | USDGBP | 0,7999         | 0,08                       | EURGBP            | 0,885                          | -1,60% |  |
| EURJPY           | 146,92         | 0,01                       | USDCHF | 0,89455        | 0,04                       | EURJPY            | 140,42                         | 4,63%  |  |
| EURCHF           | 0,974          | -0,22                      |        |                |                            | EURCHF            | 0,99                           | -1,62% |  |

| MONEY MARKET RATES/EURIBOR -LIBOR |                   |         |         |         |         |        |  |  |  |
|-----------------------------------|-------------------|---------|---------|---------|---------|--------|--|--|--|
| CENTRAL BANKS RATES               |                   | 1 Month | 2 Month | 3 Month | 6 Month | 1 year |  |  |  |
| EUROZONE                          | 3,75 EUR          | 3,159   | -0,336  | 3,323   | 3,629   | 3,795  |  |  |  |
| USA                               | (5,00 / 5,25) USD | 5,108   | 0,153   | 5,342   | 5,398   | 5,353  |  |  |  |
| JAPAN                             | - 0,10 JPY        | -0,060  | -0,053  | -0,026  | 0,072   |        |  |  |  |
| BANK OF ENGLAND                   | 4,25 GBP          | 4,201   | 0,229   | 4,676   | 4,745   |        |  |  |  |
| SWITZERLAND                       | 1,00 CHF          | -0,775  | -0,773  | -0,753  | -0,703  |        |  |  |  |

| CAPITAL MARKETS |  |        |        |         |         |         |         |  |  |
|-----------------|--|--------|--------|---------|---------|---------|---------|--|--|
|                 |  | 2YEAR  | 5 YEAR | 10 YEAR | 15 YEAR | 20 YEAR | 30 YEAR |  |  |
| U.S TREASURY    |  | 3,914  | 3,374  | 3,408   |         |         | 3,755   |  |  |
| GREEK TREASURY  |  |        | 3,572  | 4,004   | 4,188   | 4,205   |         |  |  |
| GERMAN TREASURY |  | 2,579  | 2,207  | 2,260   | 2,462   | 2,474   | 2,448   |  |  |
| JAPANESE TREAS  |  | -0,048 | 0,107  | 0,391   | 0,754   | 1,012   | 1,248   |  |  |
| U.K TREASURY    |  | 3,775  | 3,581  | 3,765   | 4,069   | 4,157   | 4,211   |  |  |
| ESM TREASURY    |  | 3,114  | 2,811  | 2,892   | 3,183   | 3,351   | 3,328   |  |  |

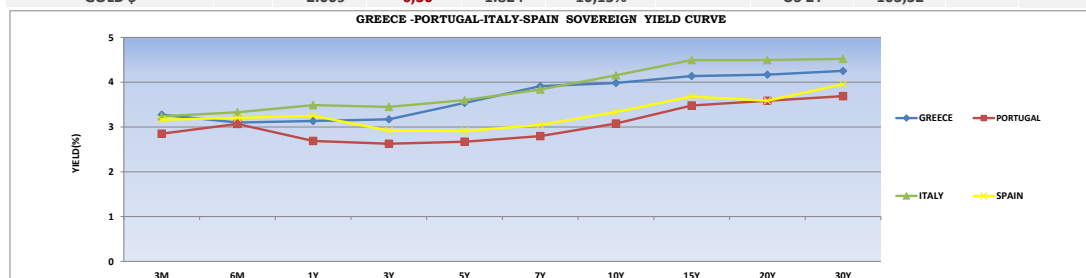
| INTEREST RATES SWAPS |  |        |        |        |        |         |         |         |         |
|----------------------|--|--------|--------|--------|--------|---------|---------|---------|---------|
|                      |  | 1 YEAR | 3 YEAR | 5 YEAR | 7 YEAR | 10 YEAR | 15 YEAR | 20 YEAR | 30 YEAR |
| EUR SWAP             |  | 3,745  | 3,123  | 2,945  | 2,905  | 2,923   | 2,963   | 2,859   | 2,592   |
| USD SWAP             |  | 4,946  | 3,747  | 3,464  | 3,403  | 3,415   | 3,470   | 3,466   | 3,326   |

| HELLENIC REPUBLIC BENCHMARKS BONDS |          |         |                                                          |           |                           |                                       |        | HELLENIC REPUBLIC T-BILLS |                |           |  |
|------------------------------------|----------|---------|----------------------------------------------------------|-----------|---------------------------|---------------------------------------|--------|---------------------------|----------------|-----------|--|
| GREEK BONDS                        | MATURITY | Tenor   | LAST MID PRICE                                           | MID YIELD | YIELD CHANGE 1 DAY in b.p | YIELD CHANGE YEAR TO DATE(YTD in b.p) |        | Tenor                     | LAST MID PRICE | MID YIELD |  |
| GGB 3,375%                         | 02/25    | 2Y      | 100,44                                                   | 3,10      | 2                         | -35                                   |        | 3M                        | 99,28          | 3,27      |  |
| GGB 0,0%                           | 02/26    | 3Y      | 91,79                                                    | 3,17      | -2                        | -64                                   |        |                           |                |           |  |
| GGB 3,875%                         | 06/28    | 5Y      | 101,56                                                   | 3,54      | -3                        | -18                                   |        | 6M                        | 98,61          | 3,10      |  |
| GGB 1,50%                          | 06/30    | 7Y      | 85,32                                                    | 3,91      | -1                        | -67                                   |        |                           |                |           |  |
| GGB 4,25%                          | 06/33    | 10Y     | 102,18                                                   | 3,98      | -2                        | -58                                   |        |                           |                |           |  |
| GGB 1,875%                         | 02/35    | 12Y     | 79,54                                                    | 4,11      | 0                         | -67                                   |        | 12M                       | 97,48          | 3,13      |  |
| GGB 4%                             | 01/37    | 14Y     | 98,58                                                    | 4,14      | 3                         | -49                                   |        |                           |                |           |  |
| GGB 4,20%                          | 01/42    | 19Y     | 100,39                                                   | 4,17      | 2                         | -2                                    |        |                           |                |           |  |
| GGB 1,875%                         | 01/52    | 29Y     | 61,02                                                    | 4,25      | -1                        | -22                                   |        |                           |                |           |  |
| GREEK BONDS SPREAD(in bp) VS       |          |         |                                                          |           |                           |                                       |        |                           |                |           |  |
| MATURITY                           |          | GERMANY | GREECE VS GERMANY SPREAD CHANGE YEAR TO DATE(YTD in b.p) | SPAIN     | PORTUGAL                  | ITALY                                 | FRANCE |                           |                |           |  |
| 5Y                                 |          | 137     | 25                                                       | 66        | 90                        | -3                                    | 100    |                           |                |           |  |
| 10Y                                |          | 174     | -31                                                      | 67        | 93                        | -15                                   | 117    |                           |                |           |  |
| 15Y                                |          | 173     | -44                                                      | 51        | 71                        | -31                                   | 104    |                           |                |           |  |

| GREECE SOVEREIGN YIELD CURVE |      |      |      |      |      |      |      |      |      |      |
|------------------------------|------|------|------|------|------|------|------|------|------|------|
| MATURITY                     | 3M   | 6M   | 1Y   | 3Y   | 5Y   | 7Y   | 10Y  | 15Y  | 20Y  | 30Y  |
| YIELD                        | 3,27 | 3,10 | 3,13 | 3,17 | 3,54 | 3,91 | 3,98 | 4,14 | 4,17 | 4,25 |

| STOCK MARKETS-BOND FUTURES |  |  |  |  |  |  |  |  |  |  |
|----------------------------|--|--|--|--|--|--|--|--|--|--|
|----------------------------|--|--|--|--|--|--|--|--|--|--|

| STOCK MARKETS        |            |                            |                          |                            |  | BOND FUTURES |        |  |  |  |
|----------------------|------------|----------------------------|--------------------------|----------------------------|--|--------------|--------|--|--|--|
|                      | Last Price | Price change 1 day percent | closing price 30-12-2022 | %change year to date(YTD%) |  | bond futures | PRICE  |  |  |  |
| ATHENS GENERAL INDEX | 1.122      | -0,01                      | 930                      | 20,71%                     |  |              |        |  |  |  |
| DOW JONES            | 33.310     | -0,66                      | 33.147                   | 0,49%                      |  | BUND         | 136,28 |  |  |  |
| S&P 500              | 4.131      | -0,17                      | 3.840                    | 7,58%                      |  | BOBL         | 118,52 |  |  |  |
| NASDAQ               | 12.329     | 0,18                       | 10.466                   | 17,80%                     |  | SCHATZ       | 105,86 |  |  |  |
| DAX                  | 15.902     | 0,42                       | 13.924                   | 14,20%                     |  |              |        |  |  |  |
| FTSE                 | 7.743      | 0,16                       | 7.452                    | 3,91%                      |  | US LONG BOND | 131,19 |  |  |  |
| NIKKEI               | 29.388     | 0,90                       | 26.095                   | 12,62%                     |  | US 10Y       | 115,91 |  |  |  |
| BRENT                | 75,29      | 0,41                       | 85,91                    | -12,36%                    |  | US 5Y        | 110,40 |  |  |  |
| GOLD \$              | 2.009      | -0,30                      | 1.824                    | 10,15%                     |  | US 2Y        | 103,32 |  |  |  |



(source Bloomberg)