

| 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           | 1,098          | -0,07                      | USDJPY | 134,185        | 0,03                       | EURUSD            | 1,071                          | 2,50%  |  |
| EURGBP           | 0,883          | 99,97                      | USDGBP | 0,80435        | 0,00                       | EURGBP            | 0,885                          | -0,22% |  |
| EURJPY           | 147,31         | -0,06                      | USDCHF | 0,89095        | -0,16                      | EURJPY            | 140,42                         | 4,90%  |  |
| EURCHF           | 0,978          | -0,24                      |        |                |                            | EURCHF            | 0,99                           | -1,20% |  |

| MONEY MARKET RATES/EURIBOR -LIBOR |               |     |         |         |         |         |         |        |  |
|-----------------------------------|---------------|-----|---------|---------|---------|---------|---------|--------|--|
| CENTRAL BANKS RATES               |               |     | 1 Month | 2 Month | 3 Month | 6 Month | 9 Month | 1 year |  |
| EUROZONE                          | 3,50          | EUR | 2,956   | -0,336  | 3,261   | 3,601   | -0,194  | 3,854  |  |
| USA                               | (4,75 / 5,00) | USD | 5,020   | 0,153   | 5,255   | 5,435   |         | 5,409  |  |
| JAPAN                             | - 0,10        | JPY | -0,060  | -0,053  | -0,026  | 0,072   |         |        |  |
| BANK OF ENGLAND                   | 4,25          | GBP | 4,201   | 0,229   | 4,587   | 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    |  |  | 4,144  | 3,619  | 3,530   |         |         | 3,742   |  |
| GREEK TREASURY  |  |  |        | 3,851  | 4,276   | 4,421   | 4,380   |         |  |
| GERMAN TREASURY |  |  | 2,875  | 2,474  | 2,437   | 2,596   | 2,579   | 2,509   |  |
| JAPANESE TREAS  |  |  | -0,042 | 0,164  | 0,473   | 0,881   | 1,137   | 1,363   |  |
| U.K TREASURY    |  |  | 3,731  | 3,603  | 3,732   | 4,005   | 4,057   | 4,074   |  |
| ESM TREASURY    |  |  | 3,262  | 3,064  | 3,074   | 3,320   | 3,447   | 3,379   |  |

| INTEREST RATES SWAPS |  |  |        |        |        |        |         |         |         |
|----------------------|--|--|--------|--------|--------|--------|---------|---------|---------|
|                      |  |  | 1 YEAR | 3 YEAR | 5 YEAR | 7 YEAR | 10 YEAR | 15 YEAR | 20 YEAR |
| EUR SWAP             |  |  | 3,817  | 3,384  | 3,185  | 3,110  | 3,089   | 3,089   | 2,954   |
| USD SWAP             |  |  | 5,150  | 4,032  | 3,697  | 3,577  | 3,531   | 3,550   | 3,519   |

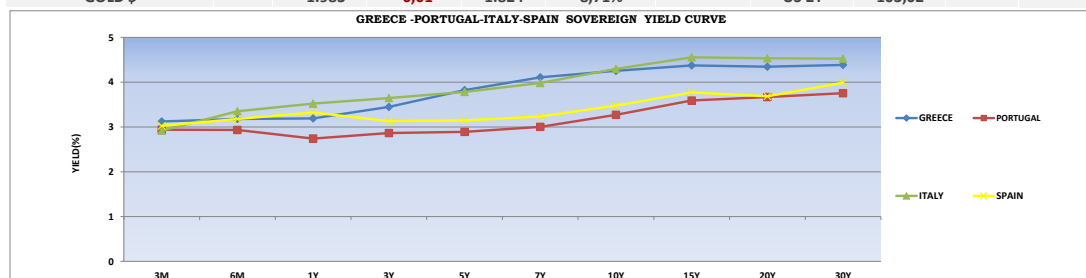
| HELLENIC REPUBLIC BENCHMARKS BONDS |          |       |                |           |                           |                                       |  | HELLENIC REPUBLIC T-BILLS |                |           |  |
|------------------------------------|----------|-------|----------------|-----------|---------------------------|---------------------------------------|--|---------------------------|----------------|-----------|--|
| 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    | 100,30         | 3,20      | -1                        | -25                                   |  | 3M                        | 99,38          | 3,12      |  |
| GGB 0,0%                           | 02/26    | 3Y    | 90,94          | 3,45      | -3                        | -36                                   |  |                           |                |           |  |
| GGB 3,875%                         | 06/28    | 5Y    | 100,25         | 3,82      | -4                        | 10                                    |  | 6M                        | 98,64          | 3,18      |  |
| GGB 1,50%                          | 06/30    | 7Y    | 84,13          | 4,11      | -3                        | -47                                   |  |                           |                |           |  |
| GGB 4,25%                          | 06/33    | 10Y   | 99,97          | 4,25      | -3                        | -31                                   |  |                           |                |           |  |
| GGB 1,875%                         | 02/35    | 12Y   | 77,74          | 4,33      | -2                        | -45                                   |  | 12M                       | 97,27          | 3,19      |  |
| GGB 4%                             | 01/37    | 14Y   | 96,17          | 4,37      | -5                        | -26                                   |  |                           |                |           |  |
| GGB 4,20%                          | 01/42    | 19Y   | 98,15          | 4,34      | -5                        | 15                                    |  |                           |                |           |  |
| GGB 1,875%                         | 01/52    | 29Y   | 59,42          | 4,38      | -3                        | -9                                    |  |                           |                |           |  |

| 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                           |  | 138     | 26                                                       | 71    | 96       | 7     | 104    |  |  |
| 10Y                          |  | 184     | -21                                                      | 80    | 100      | -2    | 127    |  |  |
| 15Y                          |  | 183     | -35                                                      | 65    | 83       | -13   | 116    |  |  |

| GREECE SOVEREIGN YIELD CURVE |      |      |      |      |      |      |      |      |      |      |
|------------------------------|------|------|------|------|------|------|------|------|------|------|
| MATURITY                     | 3M   | 6M   | 1Y   | 3Y   | 5Y   | 7Y   | 10Y  | 15Y  | 20Y  | 30Y  |
| YIELD                        | 3,12 | 3,18 | 3,19 | 3,45 | 3,82 | 4,11 | 4,25 | 4,37 | 4,34 | 4,38 |

| 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 | 1.111      | 0,43                       | 930                      | 19,52%                     |              |              |        |  |  |
| DOW JONES            | 33.809     | 0,07                       | 33.147                   | 2,00%                      |              | BUND         | 134,04 |  |  |
| S&P 500              | 4.134      | 0,09                       | 3.840                    | 7,66%                      |              | BOBL         | 117,02 |  |  |
| NASDAQ               | 12.072     | 0,11                       | 10.466                   | 15,35%                     |              | SCHATZ       | 105,37 |  |  |
| DAX                  | 15.844     | -0,24                      | 13.924                   | 13,79%                     |              |              |        |  |  |
| FTSE                 | 7.897      | -0,22                      | 7.452                    | 5,97%                      |              | US LONG BOND | 130,28 |  |  |
| NIKKEI               | 28.594     | 0,10                       | 26.095                   | 9,57%                      |              | US 10Y       | 114,67 |  |  |
| BRENT                | 80,63      | -1,26                      | 85,91                    | -6,15%                     |              | US 5Y        | 109,36 |  |  |
| GOLD \$              | 1.983      | -0,01                      | 1.824                    | 8,71%                      |              | US 2Y        | 103,02 |  |  |



(source Bloomberg)