

| 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           | 1,067          | -0,58                      | USDJPY | 139,765        | -0,03                      | EURUSD            | 1,071                          | -0,35% |  |
| EURGBP           | 0,8634         | 104,47                     | USDGBP | 0,809          | 0,42                       | EURGBP            | 0,885                          | -2,44% |  |
| EURJPY           | 149,17         | -0,59                      | USDCHF | 0,91155        | 0,63                       | EURJPY            | 140,42                         | 6,23%  |  |
| EURCHF           | 0,973          | 0,06                       |        |                |                            | EURCHF            | 0,99                           | -1,73% |  |

| MONEY MARKET RATES/EURIBOR -LIBOR |               |         |         |         |         |        |  |       |  |
|-----------------------------------|---------------|---------|---------|---------|---------|--------|--|-------|--|
| CENTRAL BANKS RATES               |               | 1 Month | 2 Month | 3 Month | 6 Month | 1 year |  |       |  |
| EUROZONE                          | 3,75          | EUR     | 3,213   | -0,336  | 3,483   | 3,781  |  | 3,982 |  |
| USA                               | (5,00 / 5,25) | USD     | 5,154   | 0,153   | 5,476   | 5,581  |  | 5,660 |  |
| JAPAN                             | - 0,10        | JPY     | -0,060  | -0,053  | -0,026  | 0,072  |  |       |  |
| BANK OF ENGLAND                   | 4,25          | GBP     | 4,201   | 0,229   | 4,893   | 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    |  | 4,430  | 3,786  | 3,662   |         |         | 3,874   |  |  |
| GREEK TREASURY  |  |        | 3,298  | 3,736   | 3,924   | 3,974   |         |  |  |
| GERMAN TREASURY |  | 2,712  | 2,276  | 2,266   | 2,475   | 2,481   | 2,442   |  |  |
| JAPANESE TREAS  |  | -0,051 | 0,095  | 0,436   | 0,791   | 1,024   | 1,264   |  |  |
| U.K TREASURY    |  | 4,367  | 4,142  | 4,200   | 4,454   | 4,515   | 4,547   |  |  |
| ESM TREASURY    |  | 3,240  | 2,917  | 2,906   | 3,163   | 3,322   | 3,299   |  |  |

| INTEREST RATES SWAPS |  |        |        |        |        |         |         |         |         |
|----------------------|--|--------|--------|--------|--------|---------|---------|---------|---------|
|                      |  | 1 YEAR | 3 YEAR | 5 YEAR | 7 YEAR | 10 YEAR | 15 YEAR | 20 YEAR | 30 YEAR |
| EUR SWAP             |  | 3,837  | 3,251  | 3,011  | 2,937  | 2,927   | 2,942   | 2,834   | 2,565   |
| USD SWAP             |  | 5,370  | 4,212  | 3,867  | 3,743  | 3,689   | 3,694   | 3,659   | 3,470   |

| 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    | 100,52         | 3,05      | -6                        | -40                                   |  | 3M                        | 99,41          | 3,40      |  |
| GGB 0,0%                           | 02/26    | 3Y    | 92,28          | 3,02      | -8                        | -79                                   |  |                           |                |           |  |
| GGB 3,875%                         | 06/28    | 5Y    | 102,79         | 3,27      | -9                        | -45                                   |  | 6M                        | 98,70          | 3,24      |  |
| GGB 1,50%                          | 06/30    | 7Y    | 87,29          | 3,57      | -7                        | -101                                  |  |                           |                |           |  |
| GGB 4,25%                          | 06/33    | 10Y   | 104,47         | 3,71      | -6                        | -85                                   |  |                           |                |           |  |
| GGB 1,875%                         | 02/35    | 12Y   | 81,61          | 3,86      | -5                        | -92                                   |  | 12M                       | 97,68          | 3,06      |  |
| GGB 4%                             | 01/37    | 14Y   | 101,09         | 3,89      | -6                        | -74                                   |  |                           |                |           |  |
| GGB 4,20%                          | 01/42    | 19Y   | 103,26         | 3,95      | -2                        | -24                                   |  |                           |                |           |  |
| GGB 1,875%                         | 01/52    | 29Y   | 63,41          | 4,06      | -6                        | -41                                   |  |                           |                |           |  |

| GREEK BONDS SPREAD(in bp) VS |  |  |  |  |  |  |  |  |  |
|------------------------------|--|--|--|--|--|--|--|--|--|
|------------------------------|--|--|--|--|--|--|--|--|--|

|  |  |  | GREECE VS GERMANY SPREAD CHANGE YEAR TO DATE(YTD in b.p) |  |  |  |  |  |  |
|--|--|--|----------------------------------------------------------|--|--|--|--|--|--|
|--|--|--|----------------------------------------------------------|--|--|--|--|--|--|

| MATURITY |  | GERMANY |  | SPAIN | PORTUGAL | ITALY | FRANCE |  |  |
|----------|--|---------|--|-------|----------|-------|--------|--|--|
|----------|--|---------|--|-------|----------|-------|--------|--|--|

|    |  |     |     |    |    |     |    |  |  |
|----|--|-----|-----|----|----|-----|----|--|--|
| 5Y |  | 102 | -10 | 35 | 67 | -26 | 67 |  |  |
|----|--|-----|-----|----|----|-----|----|--|--|

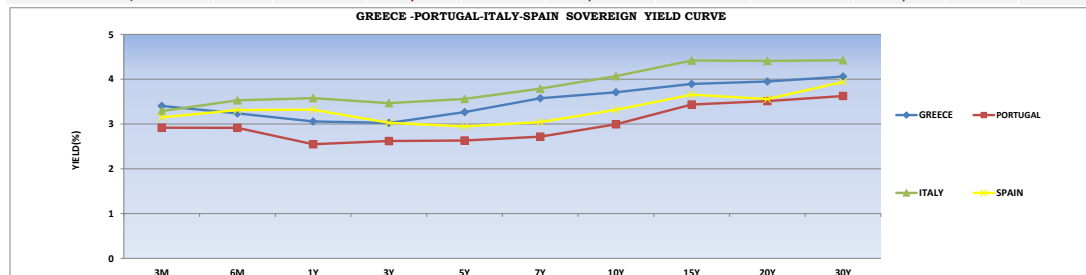
|     |  |     |     |    |    |     |    |  |  |
|-----|--|-----|-----|----|----|-----|----|--|--|
| 10Y |  | 147 | -58 | 42 | 74 | -33 | 90 |  |  |
|-----|--|-----|-----|----|----|-----|----|--|--|

|     |  |     |     |    |    |     |    |  |  |
|-----|--|-----|-----|----|----|-----|----|--|--|
| 15Y |  | 145 | -72 | 27 | 49 | -49 | 79 |  |  |
|-----|--|-----|-----|----|----|-----|----|--|--|

| GREECE SOVEREIGN YIELD CURVE |      |      |      |      |      |      |      |      |      |      |
|------------------------------|------|------|------|------|------|------|------|------|------|------|
| MATURITY                     | 3M   | 6M   | 1Y   | 3Y   | 5Y   | 7Y   | 10Y  | 15Y  | 20Y  | 30Y  |
| YIELD                        | 3,40 | 3,24 | 3,06 | 3,02 | 3,27 | 3,57 | 3,71 | 3,89 | 3,95 | 4,06 |

| 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 | 1.222      | -0,27                      | 930                      | 31,40%                     |              |              |         |  |  |
| DOW JONES            | 33.043     | -0,15                      | 33.147                   | -0,31%                     |              | BUND         | 136,12  |  |  |
| S&P 500              | 4.206      | 0,00                       | 3.840                    | 9,53%                      |              | BOBL         | 118,13  |  |  |
| NASDAQ               | 13.017     | 0,32                       | 10.466                   | 24,38%                     |              | SCHATZ       | 105,625 |  |  |
| DAX                  | 15.820     | -0,56                      | 13.924                   | 13,62%                     |              |              |         |  |  |
| FTSE                 | 7.483      | -0,52                      | 7.452                    | 0,41%                      |              | US LONG BOND | 127,69  |  |  |
| NIKKEI               | 30.888     | -1,41                      | 26.095                   | 18,37%                     |              | US 10Y       | 113,41  |  |  |
| BRENT                | 72,97      | -0,78                      | 85,91                    | -15,06%                    |              | US 5Y        | 108,27  |  |  |
| GOLD \$              | 1.956      | -0,18                      | 1.824                    | 7,22%                      |              | US 2Y        | 102,21  |  |  |



(source Bloomberg)