

| 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           | 1,092          | -0,06                      | USDJPY | 131,805        | 0,01                       | EURUSD            | 1,071                          | 1,92%  |  |
| EURGBP           | 0,8776         | 101,47                     | USDGBP | 0,80395        | 0,01                       | EURGBP            | 0,885                          | -0,84% |  |
| EURJPY           | 143,85         | -0,03                      | USDCHF | 0,90435        | -0,01                      | EURJPY            | 140,42                         | 2,44%  |  |
| EURCHF           | 0,987          | -0,09                      |        |                |                            | EURCHF            | 0,99                           | -0,29% |  |

| MONEY MARKET RATES/EURIBOR -LIBOR |               |     |         |         |         |         |         |        |  |
|-----------------------------------|---------------|-----|---------|---------|---------|---------|---------|--------|--|
| CENTRAL BANKS RATES               |               |     | 1 Month | 2 Month | 3 Month | 6 Month | 9 Month | 1 year |  |
| EUROZONE                          | 3,50          | EUR | 2,888   | -0,336  | 3,055   | 3,339   | -0,194  | 3,628  |  |
| USA                               | (4,75 / 5,00) | USD | 4,890   | 0,153   | 5,211   | 5,292   |         | 5,200  |  |
| JAPAN                             | - 0,10        | JPY | -0,060  | -0,053  | -0,026  | 0,072   |         |        |  |
| BANK OF ENGLAND                   | 4,25          | GBP | 4,201   | 0,229   | 4,439   | 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    |  |  | 3,831  | 3,376  | 3,305   |         |         | 3,551   |  |
| GREEK TREASURY  |  |  |        | 3,762  | 4,093   | 4,257   | 4,229   |         |  |
| GERMAN TREASURY |  |  | 2,554  | 2,180  | 2,183   | 2,347   | 2,341   | 2,282   |  |
| JAPANESE TREAS  |  |  | -0,053 | 0,158  | 0,470   | 0,889   | 1,070   | 1,309   |  |
| U.K TREASURY    |  |  | 3,372  | 3,271  | 3,432   | 3,717   | 3,769   | 3,771   |  |
| ESM TREASURY    |  |  | 2,947  | 2,771  | 2,824   | 3,088   | 3,222   | 3,162   |  |

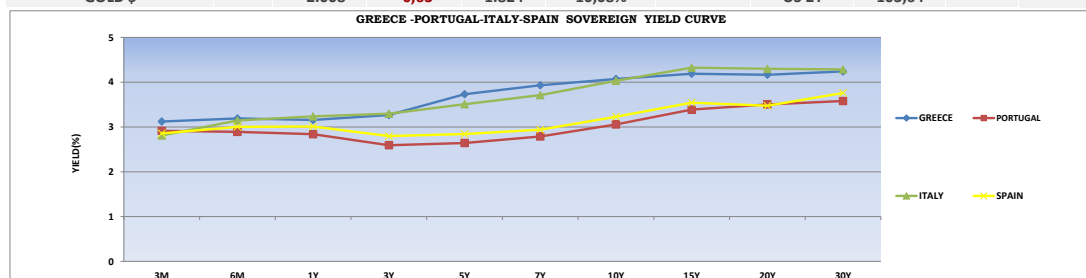
| INTEREST RATES SWAPS |  |  |        |        |        |        |         |         |         |
|----------------------|--|--|--------|--------|--------|--------|---------|---------|---------|
|                      |  |  | 1 YEAR | 3 YEAR | 5 YEAR | 7 YEAR | 10 YEAR | 15 YEAR | 20 YEAR |
| EUR SWAP             |  |  | 3,508  | 3,070  | 2,905  | 2,849  | 2,844   | 2,858   | 2,728   |
| USD SWAP             |  |  | 4,891  | 3,781  | 3,453  | 3,340  | 3,277   | 3,345   | 3,327   |

| 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    | 100,45         | 3,11                                                     | 0                         | -34                                   |       | 3M                        | 99,80          | 3,12      |  |
| GGB 0,0%                           | 02/26    | 3Y    | 91,28          | 3,27                                                     | 0                         | -54                                   |       |                           |                |           |  |
| GGB 3,875%                         | 06/28    | 5Y    | 100,67         | 3,73                                                     | 0                         | 1                                     |       | 6M                        | 98,52          | 3,19      |  |
| GGB 1,50%                          | 06/30    | 7Y    | 85,03          | 3,93                                                     | 0                         | -65                                   |       |                           |                |           |  |
| GGB 4,25%                          | 06/33    | 10Y   | 101,47         | 4,07                                                     | 0                         | -49                                   |       |                           |                |           |  |
| GGB 1,875%                         | 02/35    | 12Y   | 78,86          | 4,18                                                     | 0                         | -60                                   |       | 12M                       | 97,18          | 3,16      |  |
| GGB 4%                             | 01/37    | 14Y   | 98,05          | 4,19                                                     | 0                         | -44                                   |       |                           |                |           |  |
| GGB 4,20%                          | 01/42    | 19Y   | 100,42         | 4,17                                                     | 0                         | -2                                    |       |                           |                |           |  |
| GGB 1,875%                         | 01/52    | 29Y   | 61,08          | 4,24                                                     | 0                         | -23                                   |       |                           |                |           |  |
| 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                                 |          |       | 158            | 46                                                       | 92                        | 112                                   | 25    | 124                       |                |           |  |
| 10Y                                |          |       | 191            | -14                                                      | 87                        | 104                                   | 6     | 139                       |                |           |  |
| 15Y                                |          |       | 191            | -26                                                      | 72                        | 87                                    | -7    | 122                       |                |           |  |

| GREECE SOVEREIGN YIELD CURVE |      |      |      |      |      |      |      |      |      |      |
|------------------------------|------|------|------|------|------|------|------|------|------|------|
| MATURITY                     | 3M   | 6M   | 1Y   | 3Y   | 5Y   | 7Y   | 10Y  | 15Y  | 20Y  | 30Y  |
| YIELD                        | 3,12 | 3,19 | 3,16 | 3,27 | 3,73 | 3,93 | 4,07 | 4,19 | 4,17 | 4,24 |

#### 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 | 1.074      | 0,40                       | 930                      | 15,51%                     |  |              |         |  |  |
| DOW JONES            | 33.485     | 0,01                       | 33.147                   | 1,02%                      |  | BUND         | 137,3   |  |  |
| S&P 500              | 4.105      | 0,36                       | 3.840                    | 6,92%                      |  | BOBL         | 118,74  |  |  |
| NASDAQ               | 12.088     | 0,76                       | 10.466                   | 15,50%                     |  | SCHATZ       | 105,995 |  |  |
| DAX                  | 15.598     | 0,50                       | 13.924                   | 12,02%                     |  |              |         |  |  |
| FTSE                 | 7.742      | 1,03                       | 7.452                    | 3,89%                      |  | US LONG BOND | 133,78  |  |  |
| NIKKEI               | 27.518     | 0,17                       | 26.095                   | 5,45%                      |  | US 10Y       | 116,38  |  |  |
| BRENT                | 85,12      | 0,15                       | 85,91                    | -0,92%                     |  | US 5Y        | 110,54  |  |  |
| GOLD \$              | 2.008      | -0,63                      | 1.824                    | 10,08%                     |  | US 2Y        | 103,64  |  |  |



(source Bloomberg)