

| FOREIGN EXCHANGE |                      |                               |        |                      |                               |                   |                                      |         |  |
|------------------|----------------------|-------------------------------|--------|----------------------|-------------------------------|-------------------|--------------------------------------|---------|--|
| SPOT             | LAST<br>MID<br>PRICE | Price change 1<br>day percent | SPOT   | LAST<br>MID<br>PRICE | Price change 1 day<br>percent | FIXING 31-12-2021 | Euro change<br>year to<br>date(YTD%) |         |  |
| EURUSD           | 0,992                | -0,70                         | USDJPY | 144,425              | 0,20                          | EURUSD            | 1,135                                | -12,62% |  |
| EURGBP           | 0,8737               | 0,39                          | USDGBP | 0,88115              | 1,12                          | EURGBP            | 0,8412                               | 3,87%   |  |
| EURJPY           | 143,21               | -0,51                         | USDCHF | 0,98405              | 0,44                          | EURJPY            | 130,5                                | 9,74%   |  |
| EURCHF           | 0,976                | -0,23                         |        |                      |                               | EURCHF            | 1,0379                               | -5,99%  |  |

| MONEY MARKET RATES/EURIBOR -LIBOR |               |     |         |         |         |         |         |        |  |
|-----------------------------------|---------------|-----|---------|---------|---------|---------|---------|--------|--|
| CENTRAL BANKS RATES               |               |     | 1 Month | 2 Month | 3 Month | 6 Month | 9 Month | 1 year |  |
| EUROZONE                          | 1,25          | EUR | 0,664   | -0,336  | 1,173   | 1,762   | -0,194  | 2,410  |  |
| USA                               | (3,00 / 3,25) | USD | 3,174   | 0,153   | 3,748   | 4,273   |         | 4,803  |  |
| JAPAN                             | - 0,10        | JPY | -0,046  | -0,053  | -0,037  | 0,037   |         |        |  |
| BANK OF ENGLAND                   | 2,25          | GBP | 2,244   | 0,229   | 3,330   | 4,360   |         |        |  |
| SWITZERLAND                       | 0,50          | 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    |  | 4,121  | 3,906  | 3,687   |         |         | 3,736   |  |  |
| GREEK TREASURY  |  |        | 3,789  | 4,599   | 4,679   | 4,509   |         |  |  |
| GERMAN TREASURY |  | 1,593  | 1,756  | 1,926   | 2,108   | 2,032   | 1,959   |  |  |
| JAPANESE TREAS  |  | -0,066 | 0,043  | 0,252   | 0,679   | 0,959   | 1,351   |  |  |
| U.K TREASURY    |  | 4,027  | 4,196  | 3,989   | 4,241   | 4,264   | 4,163   |  |  |
| ESM TREASURY    |  | 2,254  | 2,475  | 2,752   | 2,967   | 2,901   | 2,616   |  |  |

| INTEREST RATES SWAPS |  |        |        |        |        |         |         |         |         |
|----------------------|--|--------|--------|--------|--------|---------|---------|---------|---------|
|                      |  | 1 YEAR | 3 YEAR | 5 YEAR | 7 YEAR | 10 YEAR | 15 YEAR | 20 YEAR | 30 YEAR |
| EUR SWAP             |  | 2,334  | 2,675  | 2,754  | 2,805  | 2,880   | 2,900   | 2,700   | 2,287   |
| USD SWAP             |  | 4,521  | 4,198  | 3,936  | 3,794  | 3,689   | 3,647   | 3,557   | 3,281   |

| HELLENIC REPUBLIC BENCHMARKS BONDS |          |       |                |           |                              |                                             |       |                |           |
|------------------------------------|----------|-------|----------------|-----------|------------------------------|---------------------------------------------|-------|----------------|-----------|
| GREEK BONDS                        | MATURITY | Tenor | LAST MID PRICE | MID YIELD | YIELD CHANGE<br>1 DAY in b.p | YIELD CHANGE<br>YEAR TO DATE(YTD<br>in b.p) | Tenor | LAST MID PRICE | MID YIELD |
| GGB 3,50%                          | 01/23    | 1Y    | 100,75         | 1,10      | 8                            | 152                                         | 3M    | 99,94          | 0,78      |
| GGB 3,45%                          | 04/24    | 2Y    | 101,42         | 2,46      | 2                            | 273                                         |       |                |           |
| GGB 3,375%                         | 02/25    | 3Y    | 100,76         | 3,03      | 4                            | 296                                         |       |                |           |
| GGB 2%                             | 04/27    | 5Y    | 92,80          | 3,75      | 5                            | 320                                         | 6M    | 99,09          | 1,89      |
| GGB 3,75%                          | 01/28    | 7Y    | 99,16          | 3,93      | 0                            | 326                                         |       |                |           |
| GGB 1,75%                          | 06/32    | 10Y   | 78,29          | 4,57      | -5                           | 326                                         |       |                |           |
| GGB 1,875%                         | 02/35    | 15Y   | 74,55          | 4,63      | -2                           | 317                                         | 12M   | 98,00          | 2,19      |
| GGB 4%                             | 01/37    | 16Y   | 93,99          | 4,58      | -4                           | 346                                         |       |                |           |
| GGB 4,20%                          | 01/42    | 21Y   | 96,63          | 4,46      | 4                            | 322                                         |       |                |           |
| GGB 1,875%                         | 01/52    | 30Y   | 57,43          | 4,53      | 6                            | 259                                         |       |                |           |

  

| GREEK BONDS SPREAD(in bp) VS |  |         |                                                                         |       |          |       |        |  |  |
|------------------------------|--|---------|-------------------------------------------------------------------------|-------|----------|-------|--------|--|--|
| MATURITY                     |  | GERMANY | GREECE VS<br>GERMANY<br>SPREAD<br>CHANGE YEAR<br>TO DATE(YTD in<br>b.p) | SPAIN | PORTUGAL | ITALY | FRANCE |  |  |
| 5Y                           |  | 203     | 99                                                                      | 138   | 145      | 13    | 166    |  |  |
| 10Y                          |  | 267     | 117                                                                     | 150   | 161      | 28    | 207    |  |  |
| 15Y                          |  | 257     | 111                                                                     | 126   | 145      | 41    | 184    |  |  |

| GREECE SOVEREIGN YIELD CURVE |      |      |      |      |      |      |      |      |      |      |
|------------------------------|------|------|------|------|------|------|------|------|------|------|
| MATURITY                     | 3M   | 6M   | 1Y   | 3Y   | 5Y   | 7Y   | 10Y  | 15Y  | 20Y  | 30Y  |
| YIELD                        | 0,78 | 1,89 | 2,19 | 3,03 | 3,75 | 3,93 | 4,57 | 4,63 | 4,46 | 4,53 |

#### STOCK MARKETS-BOND FUTURES

| STOCK MARKETS        |            |                               |                             |                               | BOND FUTURES |        |  |  |  |
|----------------------|------------|-------------------------------|-----------------------------|-------------------------------|--------------|--------|--|--|--|
|                      | Last Price | Price change 1<br>day percent | closing price<br>31-12-2021 | %change year to<br>date(YTD%) | bond futures | PRICE  |  |  |  |
| ATHENS GENERAL INDEX | 820        | -0,36                         | 893                         | -8,19%                        |              |        |  |  |  |
| DOW JONES            | 30.316     | 2,80                          | 36.338                      | -16,57%                       | BUND         | 140,87 |  |  |  |
| S&P 500              | 3.791      | 3,06                          | 4.766                       | -20,46%                       | BOBL         | 120,9  |  |  |  |
| NASDAQ               | 11.176     | 3,34                          | 15.645                      | -28,56%                       | SCHATZ       | 107,49 |  |  |  |
| DAX                  | 12.556     | -0,90                         | 15.885                      | -20,95%                       |              |        |  |  |  |
| FTSE                 | 7.023      | -0,89                         | 7.385                       | -4,90%                        | US LONG BOND | 127,59 |  |  |  |
| NIKKEI               | 27.121     | 0,48                          | 28.792                      | -5,81%                        | US 10Y       | 112,88 |  |  |  |
| BRENT                | 91,95      | 0,16                          | 77,78                       | 18,22%                        | US 5Y        | 108,02 |  |  |  |
| GOLD \$              | 1.707      | -1,13                         | 1.829                       | -6,69%                        | US 2Y        | 102,85 |  |  |  |

