

| FOREIGN EXCHANGE |                |                            |        |                |                            |                   |                                |        |  |
|------------------|----------------|----------------------------|--------|----------------|----------------------------|-------------------|--------------------------------|--------|--|
| SPOT             | LAST MID PRICE | Price change 1 day percent | SPOT   | LAST MID PRICE | Price change 1 day percent | FIXING 31-12-2021 | Euro change year to date(YTD%) |        |  |
| EURUSD           | 1,115          | -1,41                      | USDJPY | 115,175        | 0,12                       | EURUSD            | 1,135                          | -1,75% |  |
| EURGBP           | 0,8361         | 0,21                       | USDGBP | 0,74975        | 1,57                       | EURGBP            | 0,8412                         | -0,61% |  |
| EURJPY           | 128,40         | -1,25                      | USDCHF | 0,9244         | 0,65                       | EURJPY            | 130,5                          | -1,61% |  |
| EURCHF           | 1,031          | -0,73                      |        |                |                            | EURCHF            | 1,0379                         | -0,70% |  |

| MONEY MARKET RATES/EURIBOR -LIBOR |       |     |         |         |         |         |         |        |  |
|-----------------------------------|-------|-----|---------|---------|---------|---------|---------|--------|--|
| CENTRAL BANKS RATES               |       |     | 1 Month | 2 Month | 3 Month | 6 Month | 9 Month | 1 year |  |
| EUROZONE                          | 0,00  | EUR | -0,544  | -0,336  | -0,529  | -0,483  | -0,194  | -0,332 |  |
| USA (0,00 / 0,25)                 |       | USD | 0,176   | 0,153   | 0,488   | 0,781   |         | 1,289  |  |
| JAPAN - 0,10                      |       | JPY | -0,064  | -0,053  | -0,021  | 0,040   |         |        |  |
| BANK OF ENGLAND                   | 0,50  | GBP | 0,540   | 0,229   | 0,890   | 1,344   |         |        |  |
| SWITZERLAND                       | -0,75 | 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    |  |  | 1,500  | 1,806  | 1,904   |         |         | 2,214   |  |
| GREEK TREASURY  |  |  |        | 1,527  | 2,622   | 2,690   | 2,433   |         |  |
| GERMAN TREASURY |  |  | -0,399 | -0,052 | 0,161   | 0,289   | 0,233   | 0,400   |  |
| JAPANESE TREAS  |  |  | -0,029 | 0,038  | 0,201   | 0,454   | 0,665   | 0,889   |  |
| U.K TREASURY    |  |  | 1,234  | 1,272  | 1,412   | 1,598   | 1,628   | 1,526   |  |
| ESM TREASURY    |  |  | 0,083  | 0,383  | 0,635   | 0,869   | 0,926   | 0,933   |  |

| INTEREST RATES SWAPS |  |  |        |        |        |        |         |         |         |
|----------------------|--|--|--------|--------|--------|--------|---------|---------|---------|
|                      |  |  | 1 YEAR | 3 YEAR | 5 YEAR | 7 YEAR | 10 YEAR | 15 YEAR | 20 YEAR |
| EUR SWAP             |  |  | -0,301 | 0,390  | 0,582  | 0,673  | 0,798   | 0,915   | 0,902   |
| USD SWAP             |  |  | 1,196  | 1,842  | 1,908  | 1,948  | 1,997   | 2,065   | 2,019   |

| HELLENIC REPUBLIC BENCHMARKS BONDS |          |       |                |           |                           |                                       |       |                |           |
|------------------------------------|----------|-------|----------------|-----------|---------------------------|---------------------------------------|-------|----------------|-----------|
| 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 3,50%                          | 01/23    | 1Y    | 103,16         | 0,07      | 0                         | 49                                    | 3M    | 100,05         | -0,44     |
| GGB 3,45%                          | 04/24    | 2Y    | 106,26         | 0,44      | -2                        | 71                                    |       |                |           |
| GGB 3,375%                         | 02/25    | 3Y    | 106,72         | 1,06      | -1                        | 99                                    |       |                |           |
| GGB 0%                             | 02/26    | 5Y    | 94,43          | 1,46      | -2                        | 90                                    | 6M    | 100,14         | -0,32     |
| GGB 3,75%                          | 01/28    | 7Y    | 111,63         | 1,67      | -2                        | 100                                   |       |                |           |
| GGB 1,75%                          | 06/32    | 10Y   | 92,41          | 2,60      | -1                        | 129                                   |       |                |           |
| GGB 1,875%                         | 02/35    | 15Y   | 91,62          | 2,65      | -1                        | 119                                   | 12M   | 100,22         | -0,28     |
| GGB 4%                             | 01/37    | 16Y   | 121,97         | 2,25      | -1                        | 113                                   |       |                |           |
| GGB 4,20%                          | 01/42    | 21Y   | 128,72         | 2,37      | -2                        | 113                                   |       |                |           |
| GGB 1,875%                         | 01/52    | 30Y   | 79,35          | 2,92      | -1                        | 98                                    |       |                |           |

  

| 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     | 54                                                       | 92    | 118      | 55    | 133    |  |  |
| 10Y                          |  | 246     | 96                                                       | 140   | 151      | 74    | 195    |  |  |
| 15Y                          |  | 240     | 94                                                       | 115   | 133      | 63    | 184    |  |  |

| GREECE SOVEREIGN YIELD CURVE |       |       |       |      |      |      |      |      |      |      |
|------------------------------|-------|-------|-------|------|------|------|------|------|------|------|
| MATURITY                     | 3M    | 6M    | 1Y    | 3Y   | 5Y   | 7Y   | 10Y  | 15Y  | 20Y  | 30Y  |
| YIELD                        | -0,44 | -0,32 | -0,28 | 1,06 | 1,46 | 1,67 | 2,60 | 2,65 | 2,37 | 2,92 |

#### STOCK MARKETS-BOND FUTURES

| STOCK MARKETS        |            |                            |                          |                            | BOND FUTURES |        |  |  |  |
|----------------------|------------|----------------------------|--------------------------|----------------------------|--------------|--------|--|--|--|
|                      | Last Price | Price change 1 day percent | closing price 31-12-2021 | %change year to date(YTD%) | bond futures | PRICE  |  |  |  |
| ATHENS GENERAL INDEX | 884        | -6,90                      | 893                      | -1,07%                     |              |        |  |  |  |
| DOW JONES            | 32.485     | -1,95                      | 36.338                   | -10,60%                    | BUND         | 167,33 |  |  |  |
| S&P 500              | 4.134      | -2,17                      | 4.766                    | -13,26%                    | BOBL         | 131,49 |  |  |  |
| NASDAQ               | 12.863     | -1,34                      | 15.645                   | -17,78%                    | SCHATZ       | 111,81 |  |  |  |
| DAX                  | 13.952     | -4,64                      | 15.885                   | -12,17%                    |              |        |  |  |  |
| FTSE                 | 7.262      | -3,15                      | 7.385                    | -1,66%                     | US LONG BOND | 153,84 |  |  |  |
| NIKKEI               | 25.971     | -1,81                      | 28.792                   | -9,80%                     | US 10Y       | 126,95 |  |  |  |
| BRENT                | 103,43     | 6,81                       | 77,78                    | 32,98%                     | US 5Y        | 118,23 |  |  |  |
| GOLD \$              | 1.935      | 1,36                       | 1.829                    | 5,79%                      | US 2Y        | 107,81 |  |  |  |

