# **Bond Market Insight**

Government bond auction results: Part of FX repayments was refinanced



### THURSDAY, 24 JULY, 2014

Yesterday's primary auction was planned for Wednesday, most likely because funds paid on FX-denominated bond redemptions were due in investors' accounts yesterday. This was the US\$294m redemption of 1.5-year bonds issued at the end of February last year with a coupon rate of 7.97% and a cut-off interest rate of 8.00%. The result of yesterday's auction appears to indicate that the largest investor agreed to reinvest funds in 1-year bonds under the same conditions.

This version seems most logical as yesterday's demand amounted to US\$200.00m from one participant at conditions significantly below the secondary market. At the market, USD-denominated bonds with maturities next July quoted at 14.00% or a bit less than two times higher than YTM of yesterday's issue.

Nevertheless, the MoF accomplished a key task to keep FX reserves close to the previous level, to have enough funds for repayments on IMF loans scheduled for the end of July and beginning of August, and without any information on new tranche issue. Also we have to take into the account that this year the MoF has to redeem some USD-denominated bond issues and make interest repayments on Eurobonds.

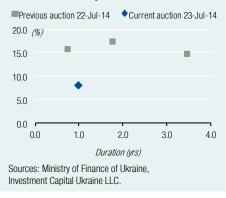
#### Table 1. Details of last government bond auction

| ISIN        | Coupon<br>rate (%) | -  | Maturity  | Qty of<br>bonds<br>sold | Price<br>(UAH) |          | Volume²<br>(UAHm) | YTM <sup>3</sup><br>(%) | Out-<br>standing<br>(m) |
|-------------|--------------------|----|-----------|-------------------------|----------------|----------|-------------------|-------------------------|-------------------------|
| UA400018545 | <b>8</b> 8.00      | SA | 22-Jul-15 | 200,000                 | 1,000.43       | 2,338.00 | 2,337.00          | 8.16                    | 2,337.00                |
| Total       |                    |    |           | 200,000                 |                | 2,338.00 | 2,337.00          |                         | 2,337.00                |

Note: [1] payment frequency abbreviations: Q - quarterly, SA - semi-annually; [2] proceeds and volumes for the USD-denominated bonds are calculated based on the previous day last price of USD/UAH exchange rate 11.685; [3] yields on coupon-bearing bonds are effective yields to maturity. Sources: Ministry of Finance of Ukraine, Bloomberg, Investment Capital Ukraine LLC.

### RESEARCH INSIGHT

#### Term structure of yields



#### Auction results

| Auction                      | Last<br>23-Jul-14 | Previous<br>22-Jul-14 | Change     |
|------------------------------|-------------------|-----------------------|------------|
| Breakdown by yield           | s (%)             |                       |            |
| 3-month                      |                   |                       |            |
| 6-month                      |                   |                       |            |
| 9-month                      |                   | 15.88                 |            |
| 1-year                       | 8.16              |                       |            |
| 2-year                       |                   | 17.50                 |            |
| 3-year                       |                   |                       |            |
| 5-year                       |                   | 14.87                 |            |
| Breakdown by proc            | eeds (UAHm        | 1)                    |            |
| 3-month                      |                   |                       |            |
| 6-month                      |                   |                       |            |
| 9-month                      |                   | 233.03                |            |
| 1-year                       | 2,338.00          |                       |            |
| 2-year                       |                   | 80.25                 |            |
| 3-year                       |                   |                       |            |
| 5-year                       |                   | 778.12                |            |
| Total                        | 2,338.00          | 1,091.39              | 2.14x      |
| Effective yield and o        | luration at t     | he auction            |            |
| Yield-to-maturity (%)        | 8.14              | 15.78                 | -764bp     |
| Duration (years)             | 0.98              | 2.02                  | -51.66%    |
| Local currency gove          | ernment bor       | ds outstand           | ling (eop) |
| Volume <sup>1</sup> (UAHbn)  | 108.33            | 108.13                | 0.18%      |
| WA life <sup>2</sup> (years) | 3.50              | 3.51                  | -0.21%     |

Notes: yields on coupon bearing bonds are effective yields to maturity; [1] only bonds that were placed via the auctions; [2] WA life – weighted average life or years to maturity. Sources: Ministry of Finance of Ukraine, Investment Capital Ukraine LLC.

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### **Appendix: Auctions history and schedule for 2014**



Sources: Ministry of Finance of Ukraine, Investment Capital Ukraine LLC.

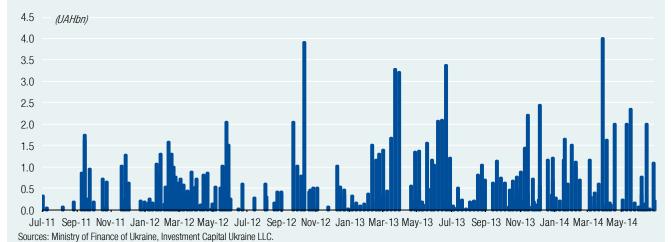


Chart 2. History of proceeds at government bond auctions: breakdown by tenor of bonds sold (last 3-year period)

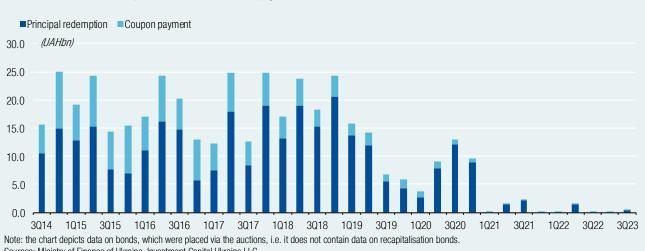


Chart 3. Schedule of redemptions of the local-currency government bonds\*

Sources: Ministry of Finance of Ukraine, Investment Capital Ukraine LLC.



### Table 2. Schedule of government bond auctions in 2014

Action dates, tenors of bonds to be offered and volume (in hryvnia) of government's refinancing needs for the next 7-day period as of auction date

| Month     | Auction details               | 1st Tuesday      | 2nd Tuesday      | 3rd Tuesday      | 4th Tuesday      | 5th Tuesday      |
|-----------|-------------------------------|------------------|------------------|------------------|------------------|------------------|
| January   | Auction date                  | 7-Jan-14         | 14-Jan-14        | 21-Jan-14        | 28-Jan-14        |                  |
|           | Short-term bonds              | N/A              | N/A              | N/A              | N/A              |                  |
|           | Medium-term bonds             | N/A              | N/A              | N/A              | N/A              |                  |
|           | Next 7 days refinancing needs | 0.00             | 0.00             | 0.00             | 0.00             |                  |
| February  | Auction date                  | 4-Feb-14         | 11-Feb-14        | 18-Feb-14        | 25-Feb-14        |                  |
|           | Short-term bonds              | N/A              | N/A              | N/A              | N/A              |                  |
|           | Medium-term bonds             | N/A              | N/A              | N/A              | N/A              |                  |
|           | Next 7 days refinancing needs | 0.00             | 0.00             | 0.00             | 0.00             |                  |
| March     | Auction date                  | 4-Mar-14         | 11-Mar-14        | 18-Mar-14        | 25-Mar-14        |                  |
|           | Short-term bonds              | N/A              | N/A              | N/A              | N/A              |                  |
|           | Medium-term bonds             | N/A              | N/A              | N/A              | N/A              |                  |
|           | Next 7 days refinancing needs | 0.00             | 0.00             | 0.00             | 0.00             |                  |
| April     | Auction date                  | 1-Apr-14         | 8-Apr-14         | 15-Apr-14        | 22-Apr-14        | 29-Apr-14        |
|           | Short-term bonds              | N/A              | N/A              | N/A              | N/A              | N/A              |
|           | Medium-term bonds             | N/A              | N/A              | N/A              | N/A              | N/A              |
|           | Next 7 days refinancing needs | 0.00             | 0.00             | 0.00             | 0.00             | 0.00             |
| May       | Auction date                  | 6-May-14         | 13-May-14        | 20-May-14        | 27-May-14        |                  |
|           | Short-term bonds              | N/A              | N/A              | N/A              | N/A              |                  |
|           | Medium-term bonds             | N/A              | N/A              | N/A              | N/A              |                  |
|           | Next 7 days refinancing needs | 0.00             | 0.00             | 0.00             | 0.00             |                  |
| June      | Auction date                  | 3-Jun-14         | 10-Jun-14        | 17-Jun-14        | 24-Jun-14        |                  |
|           | Short-term bonds              | N/A              | N/A              | N/A              | N/A              |                  |
|           | Medium-term bonds             | N/A              | N/A              | N/A              | N/A              |                  |
|           | Next 7 days refinancing needs | 0.00             | 0.00             | 0.00             | 0.00             |                  |
| July      | Auction date                  | 1-Jul-14         | 8-Jul-14         | 15-Jul-14        | 22-Jul-14        | 29-Jul-14        |
| ,         | Short-term bonds              | N/A              | N/A              | N/A              | N/A              | N/A              |
|           | Medium-term bonds             | N/A              | N/A              | N/A              | N/A              | N/A              |
|           | Next 7 days refinancing needs | 0.00             | 0.00             | 0.00             | 4,019,401,082.00 | 2,136,389,950.63 |
| August    | Auction date                  | 5-Aug-14         | 12-Aug-14        | 19-Aug-14        | 26-Aug-14        |                  |
|           | Short-term bonds              | N/A              | N/A              | N/A              | N/A              |                  |
|           | Medium-term bonds             | N/A              | N/A              | N/A              | N/A              |                  |
|           | Next 7 days refinancing needs | 481,734,675.69   | 539,153,470.53   | 1,735,465,698.50 | 1,116,601,829.75 |                  |
| September | Auction date                  | 2-Sep-14         | 9-Sep-14         | 16-Sep-14        | 23-Sep-14        | 30-Sep-14        |
|           | Short-term bonds              | N/A              | N/A              | N/A              | N/A              |                  |
|           | Medium-term bonds             | N/A              | N/A              | N/A              | N/A              |                  |
|           | Next 7 days refinancing needs | 313,825,000.00   | 2,439,395,245.75 | 784,229,986.06   | 2,116,959,723.00 | 1,300,580,000.00 |
| October   | Auction date                  | 7-0ct-14         | 14-0ct-14        | 21-0ct-14        | 28-0ct-14        | <u> </u>         |
|           | Short-term bonds              | N/A              | N/A              | N/A              | N/A              | N/A              |
|           | Medium-term bonds             | N/A              | N/A              | N/A              | N/A              | N/A              |
|           | Next 7 days refinancing needs | 2,293,208,150.00 | 865,794,358.50   | 1,221,795,221.26 | 1,982,348,444.84 |                  |
| November  | Auction date                  | 4-Nov-14         | 11-Nov-14        | 18-Nov-14        | 25-Nov-14        |                  |
|           | Short-term bonds              | N/A              | N/A              | N/A              | N/A              |                  |
|           | Medium-term bonds             | N/A              | N/A              | N/A              | N/A              |                  |
|           | Next 7 days refinancing needs | 1,636,625,924.14 | 2,152,816,298.50 | 2,184,146,612.20 | 1,929,659,167.36 |                  |
| December  | Auction date                  | 2-Dec-14         | 9-Dec-14         | 16-Dec-14        | 23-Dec-14        | 30-Dec-14        |
|           | Short-term bonds              | 2 Dec 14         | N/A              | N/A              | 23 D00 14        | N/A              |
|           | Medium-term bonds             | N/A              | N/A              | N/A              | N/A              | N/A              |
|           |                               | 19/1             |                  |                  | 10/1             | 107              |

Notes: 1) highlighted data in the rows of "Next 7 days refinancing needs" indicates critical volume of refinancing needs (i.e. above UAH0.5bn) for the government in the next 7-day period; 2) the volume of refinancing needs include principal redemptions and coupon payments.

Sources: Ministry of Finance of Ukraine, Investment Capital Ukraine LLC.



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