Global Market Department

Global Market Department of Industrial and Commercial Bank of China

| I |
|-----|
| 2 |
| 3 |
| 7 |
| .14 |
| .16 |
| .17 |
| .18 |
| .19 |
| .20 |
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Key Takeaways:

RMB Exchange Rate Market Snapshot

- The RMB central parity was 0.03% lower at 7.1793 last Friday; the RMB exchange rate in the interbank market depreciated by about 0.15% to close the week at 7.3150; the 1-year swap point fell ten bps to close the week at -2,645.
- ✓ The 1-year overseas USD/CNH non-deliverable forward (NDF) rose 52 bps to close the week at 7.1327.

Exchange Rate Market Snapshot

- ✓ The USD Dollar Index (DXY) closed the week 0.45% lower at 106.163.
- ✓ EUR/USD closed the week 0.80% higher at 1.0593.
- ✓ USD/JPY closed the week 0.19% higher at 149.84.
- ✓ AUD/USD closed the week 0.33% higher at 0.6312.

RMB Interest Rate Market Snapshot

- ✓ Money market: The overnight Shanghai Interbank Offered Rate (Shibor) and the overnight fixing repo rate closed at 1.91% and 2.00%, respectively. The 7-day Shibor and the 7-day fixing repo rate closed the week at 2.10% and 2.80%, respectively.
- ✓ Secondary market: The yield on the 10-year China Government Bond (CGB) rose two bps, closing the week at 2.73%. The yield on the 5-year China Development Bank (CDB) bonds rose seven bps to close at 2.65%.
- Primary market: The Ministry of Finance auctioned 91-day and 182-day discounted CGBs and 2-year and 7-year coupon-bearing CGBs; the Agricultural Development Bank of China (ADBC) auctioned 1-year, 2-year, 3-year, 5-year, 7-year and 10-year fixed-rate bonds; the China Development Bank (CDB) auctioned 1-year, 3-year, 5-year and 10-year fixed-rate bonds; the Export-Import Bank of China (CEXIM) auctioned 1-year, 2-year, 3-year, 5-year and 10-year fixed-rate bonds.

RMB Credit Bond Market Snapshot

- ✓ Primary market: A total of 97 super & short-term commercial papers (SCPs) were issued with an aggregate size of RMB93,584 million; 15 SCPs were issued with an aggregate size of RMB12.5 billion; 98 medium-term notes (MTNs) were issued with an aggregate size of RMB89,034 million.
- Secondary market: The yields on SCPs fluctuated within a range, with the enterprise bond and MTNs yields moving upward within a narrow band.

FCY Interest Rate Market Snapshot

- ✓ The price of US Treasuries saw an overall decline, with the 10-year US Treasury yield closing the week 30.1 bps higher at 4.914%.
- ✓ The price of German Government Bonds was range-bound, with the 10-year yield closing the week 15.2 bps higher at 2.889%.

Precious Metals Market Snapshot

- ✓ The gold price rose 2.55% to close the week at USD1,981.04 an ounce.
- ✓ The silver price rose 2.86% to close the week at USD23.35 an ounce.
- ✓ The platinum price rose 1.56% to close the week at USD894.75 an ounce.
- The palladium price fell 4.36% to close the week at USD1,097.88 an ounce.

Crude Oil Market Snapshot

- ✓ The WTI crude oil futures rose 2.23% for the most-active contracts, closing the week at USD88.30 per barrel.
- ✓ The Brent crude oil futures rose 1.88% for the most-active contracts, closing the week at USD92.51 per barrel.

Base Metals Market Snapshot

The LME 3-month copper price fell 0.11% to close the week at USD7,940.00 per

Agricultural Products Market Snapshot

The CBOT soybean futures rose 1.40% for the most-active contracts to close the week at 1,319.75 US cents a bushel.

Natural Gas Market Snapshot

✓ NYMEX natural gas futures fell 8.32% for the most-active contracts, closing the week at USD3.260 per million British thermal units.

♦ RMB Exchange Rate Market Snapshot

- RMB spot foreign exchange rate: The RMB central parity was 7.1793 on Friday (October 20), about 0.03% lower from last week. As at 16:30 last Friday, the RMB exchange rate in the interbank market depreciated by about 0.15% from last week to close at 7.3150, touching a high of 7.2905 and a low of 7.3194, with a fluctuation range of 0.40%.
- RMB foreign exchange swap market: As at 16:30 last Friday, the 1-year swap point fell ten bps from last week to close at -2,645, touching a high of -2,610 and a low of -2,659, with a fluctuation range of 1.85%.
- Exchange rate of overseas CNH NDF: The 1-year USD/CNH NDF rose 52 bps from last week to close at 7.1327 at 17:00 the week, touching a high of 7.1650 and a low of 7.1074, with a fluctuation range of 0.71%.

Table 1: Movements in Domestic USD/CNY Exchange Rate

| | Highest | Lowest | Closing price | Change from last week (bps) | Change from end of prior month (bps) | Change from end of prior year (bps) |
|------------------------|---------|--------|---|-----------------------------|---|--|
| Spot exchange | | | | | | |
| rate Central parity | - | - | 7.1793 | 19 | -5 | 2,147 |
| Interbank market | 7.3194 | 7.2905 | 7.3150 | 110 | 148 | 3,636 |
| exchange rate | ,,,,,,, | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | 1.0 | 2,020 |
| Swap point | | | | | | |
| 1-month | -197 | -226 | -202 | 10 | 7 | -43 |
| 2-month | -407 | -423 | -418 | 15 | 15 | -89 |
| 3-month | -616 | -654 | -625 | 22 | 26 | -118 |
| 6-month | -1,260 | -1,313 | -1,290 | 11 | 30 | -250 |
| 1-year | -2,610 | -2,659 | -2,645 | -10 | 80 | -665 |

Data source: Reuters

Table 2: Movements in Overseas USD/CNY NDF

| | Highest | Lowest | Closing price | Change from last week (bps) | Change from end of prior year (bps) | Spread from domestic market (bps) |
|---------|---------|--------|---------------|-----------------------------------|---|---|
| 1-month | 7.2428 | 7.1940 | 7.2109 | 58 | 2,789 | -839 |
| 2-month | 7.2594 | 7.2095 | 7.2286 | 91 | 3,106 | -446 |
| 3-month | 7.2660 | 7.2145 | 7.2373 | 128 | 3,333 | -153 |
| 6-month | 7.2485 | 7.1925 | 7.2182 | 209 | 3,550 | 322 |
| 1-year | 7.1650 | 7.1074 | 7.1327 | 52 | 3,397 | 822 |

Data source: Reuters

Exchange Rate Market Snapshot

- The US Dollar Index (DXY) closed the week 0.45% lower at 106.163, touching a high of 106.670 and a low of 105.975 during the week.
- EUR/USD closed the week 0.80% higher at 1.0593, touching a high of 1.0616 and a low of 1.0505 during the week.
- USD/JPY closed the week 0.19% higher at 149.84, touching a high of 150.03 and a low of 149.21 during the week.
- AUD/USD closed the week 0.33% higher at 0.6312, touching a high of 0.6393 and a low of 0.6288 during the week.

Table 3: Movements in Exchange Rates of Major Currencies

| Currency pair | Closing price | W-o-W change (%) | Change from end of prior month (%) |
|-----------------|---------------|------------------|------------------------------------|
| US Dollar Index | 106.163 | -0.45% | -0.06% |
| EUR/USD | 1.0593 | 0.80% | 0.22% |
| USD/JPY | 149.84 | 0.19% | 0.33% |
| AUD/USD | 0.6312 | 0.33% | -1.90% |

♦ RMB Interest Rate Market Snapshot – Money Market

The overnight Shanghai Interbank Offered Rate (Shibor) and the overnight fixing repo rate closed the week at 1.91% and 2.00%, respectively. The 7day Shibor and the 7-day fixing repo rate closed the week at 2.10% and 2.80%, respectively. In terms of the PBOC's open market operations, last Monday (October 16) recorded RMB215 billion in reverse repo operations, RMB789 billion in MLF operations and RMB240 billion in reverse repos that matured. And last Tuesday (October 17) recorded RMB71 billion in reverse repo operations, RMB67 billion in reverse repos and RMB500 billion of medium-term lending facilities (MLF) that matured. Last Wednesday (October 18) recorded RMB105 billion in reverse repo operations and RMB102 billion in reverse repos that matured; last Thursday (October 19) recorded RMB344 billion in reverse repo operations and RMB162 billion in reverse repos that matured; last Friday recorded RMB828 billion in reverse repo operations, and RMB95 billion in reverse repos matured. RMB1,454 billion of reverse repos will mature this week (October 23 to October 27).

Table 4: Interest Rate Movements in RMB Money Market

| | Closing interest rate (%) | W-o-W change (bps) | Change from end of prior month (bps) |
|------------------------------------|---------------------------|-----------------------|--|
| Overnight Shibor (O/N) | 1.91 | 17 | -25 |
| 7-day Shibor (1W) | 2.10 | 21 | -9 |
| 3-month Shibor (3M) | 2.34 | 3 | 4 |
| Overnight fixing repo rate (FR001) | 2.00 | 17 | -20 |
| 7-day fixing repo rate (FR007) | 2.80 | 75 | 60 |

Source: CFETS

◆ RMB Interest Rate Market Snapshot – Secondary Market

- China Government Bond (CGB) yields rose as a whole. The 1-year CGB yield edged up 13 bps, closing the week at 2.31%. The 5-year CGB yield rose seven bps, closing the week at 2.58%. The 10-year CGB yield rose two bps, closing the week at 2.73%.
- Policy bank bonds yields rose as a whole. The 1-year China Development Bank (CDB) yield edged up 15 bps, closing the week at 2.45%. The 5-year CDB yield edged up seven bps, closing the week at 2.65%. The 10-year CDB yield edged up three bps, closing the week at 2.89%.

Table 5: Movements in Yields on Interbank Fixed-rate CGBs

| CGB | Closing yield (%) | W-o-W change (bps) | Change from end of prior month (bps) |
|---------|-------------------|-----------------------|--|
| 1-year | 2.31 | 13 | 14 |
| 3-year | 2.42 | 5 | 4 |
| 5-year | 2.58 | 7 | 11 |
| 7-year | 2.66 | 24 | 6 |
| 10-year | 2.73 | 2 | 1 |

Source: ICBC

Table 6: Movements in Yields on Interbank Fixed-rate Policy Bank Bonds

| Policy bank bonds (CDB) | Closing yield (%) | W-o-W change (bps) | Change from end of prior month (bps) |
|----------------------------|----------------------|-----------------------|--|
| 1-year | 2.45 | 15 | 20 |
| 3-year | 2.50 | 12 | 16 |
| 5-year | 2.65 | 7 | 9 |
| 7-year | 2.79 | 6 | 6 |
| 10-year | 2.89 | 3 | 3 |

Source: ICBC

◆ RMB Interest Rate Market Snapshot – Primary Market

- In terms of CGBs, the Ministry of Finance issued 2-year and 7-year couponbearing CGBs last Wednesday. It also issued 91-day and 182-day discounted CGBs last Friday.
- In terms of policy bank bonds, ADBC last Monday auctioned 3-year and 5-year fixed-rate bonds. Last Tuesday, CDB auctioned 1-year, 3-year and 5-year fixed-rate bonds; ADBC auctioned 2-year, 3-year and 7-year fixed-rate bonds. Last Wednesday, ADBC auctioned 1-year and 10-year fixed-rate bonds. Last Thursday, CDB auctioned 1-year, 3-year and 10-year fixed-rate bonds; CEXIM auctioned 2-year, 3-year, 5-year and 10-year fixed-rate bonds. Last Friday, CEXIM auctioned 1-year fixed-rate bonds; ADBC auctioned 2-year and 3-year fixed-rate bonds.

◆ RMB Interest Rate Market Snapshot – Interest Rate Swap

Interest rate swaps saw the yields on the rise as a whole. As of last Friday, the yield curve with the 7-day Repo as the floating benchmark showed an upward fluctuation range of two bps to 15 bps. The yield curve with the 3-month Shibor as the floating benchmark showed an upward fluctuation range of seven bps to ten bps. The yield on 2-year interest rate swaps (Depo 2y) referencing the 1-year time deposit rate as the floating leg closed at the week 1.65%, unchanged from a week ago. The yield on 3-year interest rate swaps (Depo 3y) referencing the 1-year time deposit rate as the floating leg closed at the week 1.77%, unchanged from a week ago.

Table 7: Changes in RMB Interest Rate Swaps

| | Closing interest rate (%) | W-o-W change (bps) | Change from one month ago (bps) |
|--------------------------|---------------------------|--------------------|---------------------------------------|
| 7-day Repo (ACT/365) | | | |
| 3-month | 2.25 | 15 | 24 |
| 6-month | 2.19 | 11 | 17 |
| 9-month | 2.16 | 10 | 13 |
| 1-year | 2.14 | 8 | 10 |
| 3-year | 2.32 | 6 | 7 |
| 4-year | 2.43 | 5 | 7 |
| 5-year | 2.53 | 5 | 6 |
| 7-year | 2.64 | 2 | 7 |
| 10-year | 2.79 | 4 | 10 |
| 3-month Shibor (ACT/360) | | | |
| 6-month | 2.40 | 10 | 8 |
| 9-month | 2.40 | 10 | 11 |
| 1-year | 2.39 | 9 | 12 |
| 2-year | 2.48 | 9 | 12 |
| 3-year | 2.58 | 7 | 10 |
| 4-year | 2.71 | 7 | 10 |
| 5-year | 2.82 | 7 | 7 |
| 1-year Depo (ACT/365) | | | |
| 2-year | 1.65 | 0 | 0 |
| 3-year | 1.77 | 0 | 0 |
| 4-year | 1.80 | 0 | 0 |
| 5-year | 1.80 | 0 | 0 |

Source: ICBC

◆ RMB Credit Bond Market Snapshot – Primary Market

- A total of 97 super & SCPs were issued during the week with an aggregate size of RMB93,584 million; 15 SCPs were issued with an aggregate size of RMB12.5 billion; 98 medium-term notes (MTNs) were issued with an aggregate size of RMB89,034 million.
- In the prior week, NAFMII yield valuations showed a fluctuation range of -2 bps to two bps for various tenors.

Table 8: Issuance of Credit Bonds in Primary Market

| Super & SCPs | Coupon rate (%) | Tenor (days) | Size | Issuer rating | Facility rating |
|---|-----------------|--------------|-------|---------------|-----------------|
| 23 Shanghai Electric Power SCP020 | 2.16 | 30D | 25.00 | AAA | - |
| 23 FAW Leasing SCP008 23 China Construction | 2.38 | 32D | 10.00 | AAA | - |
| Eighth Engineering Division SCP013 | 2.11 | 34D | 50.00 | AAA | - |
| 23 China Construction Third Engineering Bureau SCP009 (technological innovation notes) | 2.14 | 35D | 20.00 | AAA | - |
| 23 Huaneng SCP018 | 2.01 | 43D | 15.00 | AAA | - |
| 23 Xinhua Newspaper SCP008 | 2.33 | 51D | 5.00 | AA+ | - |
| 23 NFC SCP001 | 2.35 | 56D | 10.00 | AAA | - |
| 23 PowerChina Leasing SCP002 | 2.50 | 58D | 5.00 | AA+ | - |
| 23 State Grid International Leasing SCP007 | 2.18 | 59D | 10.00 | AAA | - |
| 23 Dongfang Electric SCP003 (technological innovation notes) | 2.09 | 60D | 30.00 | AAA | - |
| 23 CCCC Third Harbor SCP005 (technological innovation notes) | 2.16 | 60D | 10.00 | AAA | - |
| 23 AVIC International Leasing SCP005 | 2.25 | 60D | 5.00 | AAA | - |
| 23 SND High-tech SCP011 | 2.41 | 62D | 4.00 | AAA | - |
| 23 Yili Industrial SCP023 | 2.20 | 72D | 65.00 | AAA | - |
| 23 Yili Industrial SCP022 | 2.23 | 72D | 45.00 | AAA | - |
| 23 Guosheng Securities SCP009 | 2.26 | 88D | 10.00 | AAA | - |
| 23 Jiangsu Communications SCP022 | 2.28 | 90D | 20.00 | AAA | - |
| 23 Suyan SCP001 | 2.35 | 90D | 3.00 | AA+ | - |
| 23 Jiangsu Expressway SCP021 | 2.30 | 93D | 5.40 | AAA | - |
| 23 Jiangsu Expressway SCP023 | 2.30 | 93D | 5.00 | AAA | - |
| 23 Jiangsu Expressway SCP022 | 2.30 | 93D | 5.00 | AAA | - |
| 23 XCMG SCP018 | 2.32 | 93D | 5.00 | AAA | - |

| 23 Zheshang Development SCP009 | 2.68 | 95D | 5.00 | AA+ | - |
|--|-------|--------------|-------|-----------|---|
| 23 Jinan City Construction SCP012 | 2.40 | 99D | 10.00 | AAA | - |
| 23 Jiangning Infrastructure Construction SCP007 | 2.50 | 100D | 5.00 | AAA | - |
| 23 CICT SCP005 | 2.51 | 108D | 15.00 | AAA | _ |
| 23 Yunnan Airport SCP003 | 2.80 | 150D | 5.00 | AAA | _ |
| 23 China Huadian Capital | | | | | |
| SCP006 | 2.52 | 150D | 3.00 | AAA | - |
| 23 OriginWater SCP006 | | | | | |
| (technological innovation | 3.34 | 150D | 5.00 | AA+ | _ |
| notes) | | | | | |
| 23 Yunnan Construction and | • • • | | | | |
| Investment SCP024 | 3.80 | 151D | 10.00 | AAA | - |
| 23 CICO SCP019 | 2.32 | 153D | 10.00 | AAA | _ |
| 23 CICO SCP018 | 2.36 | 153D | 10.00 | AAA | _ |
| 23 CIMC Leasing SCP003 | 3.00 | 156D | 5.00 | AA+ | _ |
| 23 Ningbo International | | | | | |
| Trade SCP002 | 2.70 | 163D | 2.00 | AA | - |
| 23 SZP SCP004 | 2.58 | 168D | 3.00 | AA+ | |
| 23 BEZ SCP004 | 3.38 | 171D | 5.00 | AA | |
| 23 Yuyuan Mart SCP003 | 5.50 | 171D 175D | 3.00 | AAA | _ |
| 23 Shenzhen Energy | 3.30 | 173D | 3.00 | ААА | _ |
| SCP005 | 2.41 | 180D | 30.00 | AAA | - |
| 23 Everbright Group SCP014 | 2.36 | 180D | 30.00 | AAA | - |
| 23 Shandong Hi-Speed SCP005 | 2.42 | 180D | 20.00 | AAA | - |
| 23 Shanghai State-owned Assets SCP003 | 2.43 | 180D | 10.00 | AAA | - |
| 23 SDIC SCP002 | 2.54 | 180D | 5.00 | AAA | _ |
| 23 Tiancheng Financial Leasing SCP018 | 2.64 | 180D | 5.00 | AAA | - |
| 23 Shaanxi Financial | | 4000 | | | |
| Holding SCP003 | 2.60 | 180D | 5.00 | AAA | - |
| 23 Yang Zi Investment Group SCP004 | 2.36 | 180D | 5.00 | AAA | - |
| 23 WEGO SCP003 | | | | | |
| (technological innovation notes) | 4.44 | 180D | 7.00 | AA+ | - |
| 23 Nanjing Gaoke SCP010 | 2.90 | 180D | 5.00 | AA+ | - |
| 23 Zhongshan Assets CP005 | 2.69 | 180D | 3.50 | AA+ | - |
| 23 STO Express SCP001 | 2.50 | 180D | 2.00 | AA+ | - |
| 23 Zhongshan Assets | 0.70 | 1000 | 1.20 | | |
| SCP004 | 2.73 | 180D | 1.30 | AA+ | - |
| 23 CNSIG SCP004 | 2.51 | 183D | 5.00 | AAA | _ |
| 23 Jinhua Rail Transit SCP004 | 2.50 | 183D | 2.45 | AA+ | - |
| 23 Jinhua Rail Transit | | | | | |
| SCP003 | 2.50 | 184D | 3.50 | AA+ | - |
| 23 Tianjin Bohai SCP016 | 5.50 | 210D | 10.00 | AAA | _ |
| 23 Yuexiu Financial Leasing SCP010 | 2.65 | 221D | 6.00 | AAA | - |
| 23 XMXYG SCP008 | 2.73 | 240D | 20.00 | AAA | _ |
| 25 71117X I O DCI 000 | 4.13 | ∠⊤∪D | 20.00 | 1 11 11 1 | _ |

| 23 Guangxi Railway Investment SCP002 | 3.07 | 240D | 12.40 | AAA | - |
|---|------|-------|-------|-----|---|
| 23 Tianjin Bohai SCP015 | 5.50 | 240D | 10.00 | AAA | _ |
| 23 Qingdao Beicheng Development SCP003 | 2.98 | 240D | 6.00 | AA+ | - |
| 23 Wuzhong Guotai SCP006 | 2.75 | 240D | 2.00 | AA+ | - |
| 23 Wuhan Financial Holdings SCP004 | 3.00 | 256D | 5.00 | AAA | - |
| 23 WASU SCP007 | 2.48 | 265D | 5.00 | AAA | - |
| 23 Xiamen Municipal Construction SCP003 | 2.46 | 267D | 8.00 | AAA | - |
| 23 China Southern Group SCP007 | 2.45 | 268D | 14.00 | AAA | - |
| 23 Shanghai Lingang Holdings SCP006 | 2.53 | 268D | 10.00 | AAA | - |
| 23 HFI SCP012 | 2.59 | 268D | 6.00 | AAA | - |
| 23 Binhai New Area | 2.40 | 0.COD | 0.00 | | |
| Construction & Investment SCP033 | 3.40 | 268D | 8.00 | AAA | - |
| 23 Sanming Investment SCP002 | 2.70 | 268D | 3.50 | AA | - |
| 23 Huai'an Development SCP004 | 3.00 | 269D | 1.20 | AA+ | - |
| 23 China Reform Leasing SCP007 | 2.53 | 270D | 20.00 | AAA | - |
| 23 WZ Group SCP007 | 2.52 | 270D | 20.00 | AAA | - |
| 23 Shandong Iron & Steel SCP010 | 2.85 | 270D | 15.00 | AAA | - |
| 23 Guangxi Communications Investment SCP004 | 2.69 | 270D | 15.00 | AAA | - |
| 23 Tianjin Free Trade Zone Investment SCP020 | 3.24 | 270D | 10.00 | AAA | - |
| 23 Huafa Group SCP012 | 2.63 | 270D | 10.00 | AAA | - |
| 23 Liuzhou Steel Group | | | | | |
| SCP005 (technological innovation notes) | 2.96 | 270D | 5.00 | AAA | - |
| 23 Binhai New Area | 2.45 | 070D | 10.00 | | |
| Construction & Investment SCP034 | 3.45 | 270D | 10.00 | AAA | - |
| 23 Yuexiu Transport SCP004 | 2.51 | 270D | 5.00 | AAA | - |
| 23 Tianjin Rail Transit SCP018 | 2.98 | 270D | 5.00 | AAA | - |
| 23 Dongguan | | | | | |
| Communications Investment SCP002 | 2.42 | 270D | 5.00 | AAA | - |
| 23 Huangshan Tourism SCP002 | 2.74 | 270D | 5.00 | AAA | - |
| 23 Fuzhou New Area Development SCP003 | 2.80 | 270D | 3.30 | AAA | - |
| 23 Kunming Xindu CP001 | 8.00 | 270D | 13.79 | AA+ | - |
| 23 AnJi Leasing SCP001 | 2.87 | 270D | 6.00 | AA+ | - |
| 23 LUSHANG SCP016 | 5.57 | 270D | 5.00 | AA+ | - |

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|---|--|---|--|---|------------------------|
| 23 Haian Development Zone Investment SCP004 | 3.00 | 270D | 5.00 | AA+ | - |
| 23 Yancheng State-owned Assets SCP002 | 3.10 | 270D | 5.00 | AA+ | - |
| 23 Ningxia State Farm | 3.39 | 270D | 5.00 | AA+ | - |
| SCP008 (rural revitalization) 23 Urumqi Traffic Tourism | 2.99 | 270D | 5.00 | AA+ | _ |
| SCP001 23 Yichang High-tech | | | | | |
| SCP002 | 3.00 | 270D | 5.00 | AA+ | - |
| 23 Changsha Water SCP004 | 2.79 | 270D | 3.00 | AA+ | - |
| 23 Nanjing Gaoke SCP011 | 3.01 | 270D | 2.50 | AA+ | - |
| 23 Hangzhou Daily SCP002 23 Wuqing Economic and | 2.99 | 270D | 2.00 | AA+ | - |
| Technological Development Zone SCP008 | 4.00 | 270D | 10.00 | AA | - |
| 23 South Taihu SCP001 | 3.00 | 270D | 7.00 | AA | - |
| 23 Lianyungang Industrial Investment SCP003 | 3.50 | 270D | 5.00 | AA | - |
| 23 Suizhou City Investment SCP006 | 3.30 | 270D | 3.00 | AA | - |
| | Coupon | Tenor | C! | T | E1144 |
| SCPs | rate (%) | (days) | Size | Issuer raung | Facility rating |
| 23 Yuntou CP001 | 5.10 | 360D | 15.00 | AAA | - |
| 23 Yunnan Energy Investment CP013 | 3.38 | 365D | 20.00 | AAA | - |
| 23 Shuifa Group CP001 | 4.80 | 365D | 10.00 | AAA | - |
| 23 Tianjin Infrastructure Investment CP020 | 3.68 | 366D | 15.00 | AAA | - |
| 23 Hongshi CP001 | 2.90 | 366D | 10.00 | AAA | - |
| 23 Shaanxi Financial CP001 | 2.88 | 366D | 4.00 | AAA | - |
| 23 Huangshi Urban Development CP005 | 3.50 | 366D | 10.00 | AA+ | _ |
| | | | | | |
| 23 Sanmenxia CP004 | 3.15 | 366D | 7.00 | AA+ | - |
| 23 Sanmenxia CP004 23 Xuzhou Communications | 3.15 2.78 | | 7.00 7.00 | | - |
| 23 Sanmenxia CP004 23 Xuzhou Communications CP003 23 Changshou Development Investment CP004 | | 366D | | AA+ | - - - |
| 23 Sanmenxia CP004 23 Xuzhou Communications CP003 23 Changshou Development Investment CP004 23 Wanzhou Economic & Technological Development | 2.78 | 366D 366D | 7.00 | AA+ AA+ | - - - |
| 23 Sanmenxia CP004 23 Xuzhou Communications CP003 23 Changshou Development Investment CP004 23 Wanzhou Economic & | 2.78 3.40 | 366D 366D 366D | 7.00 5.00 | AA+ AA+ AA+ | - - - |
| 23 Sanmenxia CP004 23 Xuzhou Communications CP003 23 Changshou Development Investment CP004 23 Wanzhou Economic & Technological Development CP002 23 Zhongxing State-owned | 2.783.403.43 | 366D 366D 366D 366D | 7.00 5.00 5.00 | AA+ AA+ AA+ | - - - - |
| 23 Sanmenxia CP004 23 Xuzhou Communications | 2.783.403.432.99 | 366D 366D 366D 366D | 7.00 5.00 5.00 5.00 | AA+ AA+ AA+ | - - - - |
| 23 Sanmenxia CP004 23 Xuzhou Communications | 2.783.403.432.993.20 | 366D 366D 366D 366D 366D | 7.00 5.00 5.00 5.00 3.00 | AA+ AA+ AA+ AA+ | - - - - |
| 23 Sanmenxia CP004 23 Xuzhou Communications | 2.78 3.40 3.43 2.99 3.20 4.50 3.15 Coupon | 366D 366D 366D 366D 366D 366D 366D Tenor | 7.00 5.00 5.00 5.00 3.00 7.00 | AA+ AA+ AA+ AA+ AAA+ AAA+ AAA | |
| 23 Sanmenxia CP004 23 Xuzhou Communications | 2.78 3.40 3.43 2.99 3.20 4.50 3.15 Coupon rate (%) | 366D 366D 366D 366D 366D 366D 366D Tenor (days) | 7.00 5.00 5.00 5.00 3.00 7.00 2.00 Size | AA+ AA+ AA+ AA+ AAA+ AAA AA AA Issuer rating | |
| 23 Sanmenxia CP004 23 Xuzhou Communications | 2.78 3.40 3.43 2.99 3.20 4.50 3.15 Coupon | 366D 366D 366D 366D 366D 366D 366D Tenor | 7.00 5.00 5.00 5.00 3.00 7.00 2.00 | AA+ AA+ AA+ AA+ AAA+ AAA+ AAA | |
| 23 Sanmenxia CP004 23 Xuzhou Communications CP003 23 Changshou Development Investment CP004 23 Wanzhou Economic & Technological Development CP002 23 Zhongxing State-owned Assets CP003 23 Harbin City Construction Investment CP002 23 Jingdezhen Urban Investment CP005 23 Xinsheng Investment CP003 Medium-term notes 23 Nanjing Gaoke MTN002 | 2.78 3.40 3.43 2.99 3.20 4.50 3.15 Coupon rate (%) 2.95 | 366D 366D 366D 366D 366D 366D 366D Tenor (days) 1.01 | 7.00 5.00 5.00 5.00 3.00 7.00 2.00 Size 3.50 | AA+ AA+ AA+ AA+ AAA+ AAA AA AA Issuer rating AA+ | |

| 23 Shanxi Construction Investment MTN006 | 5.38 | 2.00 | 20.00 | AAA | - |
|--|------|------|-------|-----|-----|
| 23 Datang Power Generation MTN010 | 3.09 | 2.00 | 20.00 | AAA | AAA |
| 23 Sinochem Holdings MTN003 | 3.14 | 2.00 | 20.00 | AAA | - |
| 23 China Power Investment MTN043 | 2.66 | 2.00 | 17.00 | AAA | - |
| 23 China Power Investment MTN042 | 2.66 | 2.00 | 16.00 | AAA | - |
| 23 Shaanxi Transportation MTN004 | 3.25 | 2.00 | 15.00 | AAA | AAA |
| 23 Beibu Gulf MTN005 | 3.75 | 2.00 | 10.00 | AAA | - |
| 23 Jinneng Equipment MTN005 | 3.77 | 2.00 | 10.00 | AAA | AAA |
| 23 Shandong Iron & Steel MTN007 | 4.80 | 2.00 | 10.00 | AAA | AAA |
| 23 China Power Investment MTN044A | 3.19 | 2.00 | 12.00 | AAA | AAA |
| 23 Beijing Uni-Construction Group MTN002 | 3.40 | 2.00 | 7.00 | AAA | - |
| 23 Shaanxi Nonferrous MTN002 | 3.55 | 2.00 | 5.00 | AAA | AAA |
| 23 Datang Shaanxi MTN004 | 3.53 | 2.00 | 5.00 | AAA | _ |
| 23 Longcheng Development MTN004 | 3.47 | 2.00 | 5.00 | AAA | - |
| 23 Liuhe State-owned Assets MTN003 | 3.28 | 2.00 | 6.80 | AA+ | - |
| 2 Weifang Investment MTN002 | 4.50 | 2.00 | 6.00 | AA+ | - |
| 23 Tianjin Economic Development MTN001 | 3.65 | 2.00 | 10.00 | AA+ | AA+ |
| 23 Xiandai Investment MTN001 | 3.59 | 2.00 | 5.00 | AA+ | - |
| 23 Hengyang Urban Investment MTN005 | 4.00 | 2.00 | 4.00 | AA+ | - |
| 23 Sinohydro Bureau 4 MTN001 | 3.56 | 2.00 | 3.00 | AA+ | AA+ |
| 23 Suzhou Technology City MTN008 | 3.83 | 2.00 | 1.00 | AA | - |
| 23 Jiading Industrial MTN001 | 3.05 | 2.49 | 4.00 | AA+ | - |
| 23 China Southern Airlines MTN001 | 2.98 | 3.00 | 20.00 | AAA | - |
| 23 Qingdao Metro MTN003 | 3.27 | 3.00 | 20.00 | AAA | - |
| 23 China Datang Corporation MTN017 | 3.40 | 3.00 | 20.00 | AAA | AAA |
| 23 China Gold Group MTN004 (technological innovation notes) | 3.44 | 3.00 | 20.00 | AAA | - |
| 23 Shanghai Electric Power MTN001 | 3.29 | 3.00 | 20.00 | AAA | AAA |
| 23 Huaneng Hydropower GN017 (technological innovation notes) | 3.35 | 3.00 | 20.00 | AAA | - |
| | | | | | |

| 23 Shanghai Electric Power MTN002 | 3.28 | 3.00 | 18.00 | AAA | AAA |
|---|------|------|-------|-----|-----|
| 23 Beijing Drainage MTN001 | 2.99 | 3.00 | 15.00 | AAA | AAA |
| 23 China Construction Third Engineering Bureau MTN002 | 3.40 | 3.00 | 15.00 | AAA | - |
| 23 Guangzhou Metro MTN009 (green) | 2.83 | 3.00 | 13.00 | AAA | AAA |
| 23 Financial Street Capital MTN002 | 3.15 | 3.00 | 13.00 | AAA | AAA |
| 23 Chengdu Industry Investment MTN004 (technological innovation notes) | 3.20 | 3.00 | 13.00 | AAA | - |
| 23 Chengdu Tianfu MTN001 23 Guangxi | 3.20 | 3.00 | 10.00 | AAA | - |
| Communications Investment MTN004 | 3.80 | 3.00 | 10.00 | AAA | - |
| 23 Jiangbei New Area MTN009 | 3.95 | 3.00 | 10.00 | AAA | AAA |
| 23 Lingang Economic MTN002 | 3.50 | 3.00 | 10.00 | AAA | AAA |
| 23 Huayang New Material MTN014 | 3.35 | 3.00 | 10.00 | AAA | - |
| 23 State Grid Overseas Investment MTN001BC | 2.87 | 3.00 | 10.00 | AAA | AAA |
| 23 Jinan City Construction MTN004A | 3.28 | 3.00 | 5.00 | AAA | - |
| 23 Shanghai State-owned Assets MTN002 | 2.87 | 3.00 | 10.00 | AAA | - |
| 23 China Power Investment MTN044B | 3.37 | 3.00 | 6.00 | AAA | AAA |
| 23 Guolian MTN009 | 3.08 | 3.00 | 8.00 | AAA | - |
| 23 Xuzhou Chancheng MTN003 | 3.32 | 3.00 | 7.15 | AAA | - |
| 23 China Merchants Shekou MTN003 | 3.10 | 3.00 | 7.00 | AAA | - |
| 23 Hubei Culture&Tourism MTN003 | 3.40 | 3.00 | 7.00 | AAA | - |
| 23 China Aviation Supplies MTN001 | 3.25 | 3.00 | 6.00 | AAA | AAA |
| 23 Zhangjiagang State- owned Assets MTN006 | 3.12 | 3.00 | 6.00 | AAA | AAA |
| 23 CMFL MTN002 23 Tongwei GN001 | 3.15 | 3.00 | 5.00 | AAA | - |
| (technological innovation notes) | 3.10 | 3.00 | 5.00 | AAA | - |
| 23 Suzhou Communications Investment MTN001 (rural revitalization) | 2.99 | 3.00 | 5.00 | AAA | - |
| 23 Urumqi Urban Investment MTN002A | 3.30 | 3.00 | 7.00 | AAA | - |
| 23 Poly Property MTN003 | 3.48 | 3.00 | 5.00 | AAA | - |
| J 1 J | • | - | | | |

| 23 JZEG MTN007 | | | | | |
|--|------|------|-------|-------|-----|
| (technological innovation notes) | 5.40 | 3.00 | 5.00 | AAA | - |
| 23 China Merchants Shekou GN002 | 2.90 | 3.00 | 4.00 | AAA | - |
| 23 Wu Xi Communications MTN001 (hybrid | 2.95 | 3.00 | 0.80 | AAA | _ |
| technological innovation notes) | 2.73 | 3.00 | 0.00 | 71711 | |
| 23 Huai An Traffic MTN001 | 3.93 | 3.00 | 10.00 | AA+ | - |
| 23 Zhoushan Ocean MTN001 23 Hunan Construction | 3.65 | 3.00 | 10.00 | AA+ | - |
| Engineering MTN002 (technological innovation notes) | 3.75 | 3.00 | 10.00 | AA+ | - |
| 23 Changde Urban Construction Investment MTN003 | 3.75 | 3.00 | 8.00 | AA+ | - |
| 23 Huairou State-owned Assets MTN001 | 3.10 | 3.00 | 7.80 | AA+ | AA+ |
| 23 Changxing Traffic Investment MTN001 | 3.05 | 3.00 | 5.00 | AA+ | - |
| 23 Wuhou Capital MTN002 | 3.97 | 3.00 | 5.00 | AA+ | AA+ |
| 23 Zhumadian Investment MTN003 | 4.57 | 3.00 | 5.00 | AA+ | - |
| 23 Pukou Kangju MTN001 | 3.50 | 3.00 | 5.00 | AA+ | - |
| 23 Liuzhou Dongcheng Investment MTN002 | 7.80 | 3.00 | 4.50 | AA+ | - |
| 23 Jiaxing Industrial MTN002 | 3.57 | 3.00 | 4.00 | AA+ | - |
| 23 Luoyang City Investment MTN001 | 3.21 | 3.00 | 4.00 | AA+ | - |
| 23 Xinye State-owned Assets MTN001 | 4.00 | 3.00 | 5.00 | AA+ | - |
| 23 Nanning High-tech MTN002 | 4.80 | 3.00 | 4.50 | AA | - |
| 23 AUCMA Group MTN001 | 4.90 | 3.00 | 3.00 | AA | - |
| 23 Qingdao Conson MTN007A | 3.42 | 4.00 | 7.00 | AAA | - |
| 23 ITG Real Estate MTN003 (green) | 3.94 | 4.00 | 3.00 | AA | AAA |
| 23 LUCION MTN004 | 3.49 | 5.00 | 15.00 | AAA | - |
| 23 GDH MTN002 | 2.79 | 5.00 | 15.00 | AAA | - |
| 23 Hanjiang State-owned Assets MTN007 | 3.80 | 5.00 | 10.00 | AAA | - |
| 23 Chongqing Development MTN002 | 3.37 | 5.00 | 15.00 | AAA | AAA |
| 23 Hangzhou City Construction Investment MTN001 | 3.18 | 5.00 | 10.00 | AAA | - |
| 23 BEWG MTN002 | 3.30 | 5.00 | 10.00 | AAA | AAA |
| 23 China Gas MTN002 | 3.20 | 5.00 | 15.00 | AAA | - |

| 23 Shanghai Lingang Holdings MTN001 | 3.17 | 5.00 | 10.00 | AAA | AAA |
|---|------|------|-------|-----|-----|
| 23 Jinan City Construction MTN004B | 3.48 | 5.00 | 15.00 | AAA | - |
| 23 SND High-tech MTN004 23 Shaoxing | 3.40 | 5.00 | 5.00 | AAA | - |
| Communications Investment MTN002 | 3.05 | 5.00 | 5.00 | AAA | - |
| 23 Qingdao Conson MTN007B | 3.63 | 5.00 | 3.00 | AAA | - |
| 23 Urumqi Urban Investment MTN002B | 3.65 | 5.00 | 3.00 | AAA | - |
| 23 Fuzhou Investment MTN001 | 3.92 | 5.00 | 12.00 | AA+ | - |
| 23 Jiaojiang State-owned Assets MTN001 | 3.53 | 5.00 | 7.00 | AA+ | - |
| 23 Haining Assets MTN002 | 3.60 | 5.00 | 5.70 | AA+ | - |
| 23 Haihong Investment MTN001 | 3.30 | 5.00 | 5.00 | AA+ | - |
| 23 Shiyan City Development MTN003 | 3.76 | 5.00 | 5.00 | AA+ | - |
| 23 Chengdu Jingkai MTN002 | 3.95 | 5.00 | 5.00 | AA+ | - |
| 23 Qinzhou | | | | | |
| Development&Investment MTN001 | 6.50 | 5.00 | 5.79 | AA | - |
| 23 Suining Kaida MTN001 | 5.50 | 5.00 | 4.80 | AA | AAA |
| | | | | | |

Note: "-" indicates that the relevant information was not disclosed or available at the time of release.

Source: Wind

◆ RMB Credit Bond Market Snapshot – Secondary Market

- Short-term commercial papers (SCPs) closed a bumpy week with range-bound fluctuations in yields. Among the AAA-rated SCPs, the 1-month yield rose five bps, closing the week at 2.39%; the 6-month yield closed the week two bps higher at 2.57%; the 1-year yield closed the week two bps lower at 2.68%.
- Medium-term notes (MTNs) also closed a bumpy week with a rise in yields. Among AAA-rated MTNs, the 3-year yield rose seven bps, closing the week at 3.17%; the 5-year yield closed the week six bps lower at 3.40%.
- Enterprise bonds saw yields moving within a narrow band. Among AAA-rated enterprise bonds, the 3-year yield rose seven bps, closing the week at 2.99%; the 5-year yield remained almost unchanged from the prior week and closed the week at 3.13%; and the 10-year yield closed the week three bps higher at 3.34%.

◆ FCY Interest Rate Market Snapshot – Secondary Market

- The price of US Treasuries saw an overall decline, with the 10-year US Treasury yield closing the week 30.1 bps higher at 4.914%.
- The price of German Government Bonds was range-bound, with the 10-year yield closing the week 15.2 bps higher at 2.889%.

Table 9: Movements in Yields on Major Government Bonds

| US Treasuries | Closing yield (%) | W-o-W change (bps) | Change from end of prior month (bps) | Change from end of prior year (bps) | |
|------------------------|-------------------|-----------------------|--|---|--|
| 2-year | 5.073 | 1.9 | 2.9 | 64.7 | |
| 5-year | 4.858 | 21.9 | 24.9 | 85.4 | |
| 10-year | 4.914 | 30.1 | 34.3 | 103.9 | |
| 30-year | 5.076 | 32.2 | 37.7 | 111.3 | |
| German Government Bond | | | | | |
| 2-year | 3.122 | -1.7 | -8.1 | 35.8 | |
| 5-year | 2.783 | 10.4 | 0.6 | 20.5 | |
| 10-year | 2.889 | 15.2 | 5.0 | 31.8 | |
| 30-year | 3.094 | 16.1 | 5.9 | 54.9 | |

Source: Bloomberg

◆ FCY Interest Rate Market Snapshot – Interest Rate Swaps

• The USD interest rate swap rates moved lower. The 10-year USD interest rate swap rate rose 27.27 bps to close the week at 4.5747%.

Table 10: Movements in USD Interest Rate Swap Rates

| | Closing yield (%) | W-o-W change (bps) | Change from end of prior month (bps) | Change from end of prior year (bps) |
|---------|-------------------|--------------------|--|---|
| 2-year | 4.9522 | 1.02 | -1.68 | 50.62 |
| 10-year | 4.5747 | 27.27 | 30.97 | 101.72 |
| 30-year | 4.3651 | 31.13 | 35.91 | 115.66 |

Source: Bloomberg

◆ Precious Metals Market Snapshot

- The gold price rose 2.55% to close the week at USD1,981.04 an ounce, touching a high of USD1,997.09 per ounce and a low of USD1,906.90 per ounce during the week.
- The silver price rose 2.86% to close the week at USD23.35 an ounce, touching a high of USD23.70 per ounce and a low of USD22.35 per ounce during the week.
- The platinum price rose 1.56% to close the week at USD894.75 an ounce, touching a high of USD907.12 per ounce and a low of USD872.83 per ounce during the week.
- The palladium price fell 4.36% to close the week at USD1,097.88 an ounce, touching a high of USD1,156.60 per ounce and a low of USD1,094.62 per ounce during the week.

Table 11: Movements in Prices of Main Precious Metals

| Commodity | Closing price | W-o-W change (%) | Change from end of prior month (%) |
|-----------|---------------|------------------|------------------------------------|
| Gold | 1,981.04 | 2.55% | 7.18% |
| Silver | 23.35 | 2.86% | 5.37% |
| Platinum | 894.75 | 1.56% | -1.07% |
| Palladium | 1,097.88 | -4.36% | -11.87% |

♦ Crude Oil Market Snapshot

- The WTI crude oil futures rose 2.23% for the most-active contracts, closing the week at USD88.30 per barrel after touching a high of USD89.85 per barrel and a low of USD84.39 per barrel.
- The Brent crude oil futures rose 1.88% for the most-active contracts, closing the week at USD92.51 per barrel after touching a high of USD93.79 per barrel and a low of USD88.88 per barrel.

Table 12: Movements in Crude Oil Prices

| Crude oil | Closing price | W-o-W change (%) | Change from end of prior month (%) |
|----------------------------------|---------------|------------------|------------------------------------|
| NYMEX WTI, most-active contracts | 88.30 | 2.23% | -0.57% |
| ICE Brent, most-active contracts | 92.51 | 1.88% | 0.43% |

♦ Base Metals Market Snapshot

- The LME 3-month copper price fell 0.11% to close the week at USD7,940.00 per tonne, touching a high of USD8,010.50 per tonne and a low of USD7,940.00 per tonne during the week.
- The LME 3-month aluminum price fell 0.89% to close the week at USD2,180.00 per tonne, touching a high of USD2,190.50 per tonne and a low of USD2,177.00 per tonne during the week.

Table 13: Movements in Prices of Main Base Metals

| Commodity | Closing price | W-o-W change (%) | Change from end of prior month (%) |
|-----------------------|---------------|------------------|------------------------------------|
| LME 3-month copper | 7,940.00 | -0.11% | -4.05% |
| LME 3-month aluminium | 2,180.00 | -0.89% | -7.21% |

Source: Bloomberg

♦ Agricultural Products Market Snapshot

- The CBOT soybean futures rose 1.40% for the most-active contracts to close the week at 1,319.75 US cents a bushel, touching a high of 1,334.00 US cents a bushel and a low of 1,298.75 US cents a bushel during the week.
- For prices of other main agricultural products, please see the table below.

Table 14: Movements in Prices of Main Agricultural Products

| Commodity | Closing price | W-o-W change (%) | Change from end of prior month (%) |
|--------------------------------------|---------------|------------------|------------------------------------|
| CBOT wheat (US cents per bushel) | 584.25 | 0.78% | 8.09% |
| CBOT soybean (US cents per bushel) | 1,319.75 | 1.40% | 1.91% |
| CBOT corn (US cents per bushel) | 495.50 | 0.30% | 4.10% |
| ICE cotton (US cents per pound) | 82.44 | -4.31% | -5.45% |
| ICE white sugar (US cents per pound) | 26.85 | 0.85% | 1.28% |

♦ Natural Gas Market Snapshot

• NYMEX natural gas futures fell 8.32% for the most-active contracts, closing the week at USD3.260 per million British thermal units after touching a high of USD3.542 per million British thermal units and a low of USD3.247 per million British thermal units.

Table 15: Movements in Natural Gas Prices

| Commodity | Closing price | W-o-W change (%) | Change from end of prior month (%) |
|-------------------|---------------|------------------|------------------------------------|
| NYMEX natural gas | 3.260 | -8.32% | -1.39% |