

# S&P Global

# iBoxx USD Asia ex-Japan Monthly Commentary

#### Contributor

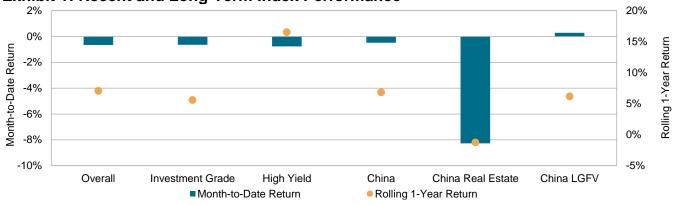
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## October 2023 Commentary

As global central banks have been juggling tackling inflation and supporting economic growth, most have moved to a cautious wait-and-see stance toward their policy rate decisions and kept their rates unchanged in October. The European Central Bank followed suit this month and maintained rates at 4.5% after 10 successive rate hikes since July 2022.

With higher interest costs and a growing budget deficit, the U.S. Treasury department has been increasing its debt issuance sizes, bringing additional supply into the U.S. Treasuries market. Consequently, the long end of the U.S. Treasuries yield curve, as represented by the iBoxx \$ Treasuries 10Y+, rose and its yield surpassed 5% in October. The 10Y+ index extended its loss by another 4.64%, bringing its YTD loss to 12%. Against the backdrop of higher 10-year yields coupled with the Israel-Hamas war breaking out in the Middle East, the <a href="S&P 500">S&P 500</a>® experienced its third consecutive month of losses, down 2.20%.

In Asia, the strength of the U.S. dollar combined with weak demand from China made for a challenging landscape for central banks to navigate with their policy decisions. On top of that, geopolitical tensions have been rising in Asia and there is the potential of rising costs due to the Israel-Hamas conflict. To stifle inflation resurgence, central banks in Indonesia and the Philippines opted to raise rates by 25 bps in October.



**Exhibit 1: Recent and Long-Term Index Performance** 

Source: IHS Markit, part of S&P Global. Data as of Oct. 31, 2023. Index performance based on total return in USD. Past performance is no guarantee of future results. Chart is provided for illustrative purposes.

In October, the overall index was down 0.66%, with the investment grade and high yield segments shedding -0.64% and -0.77%, respectively. In terms of rolling one-year returns, the high yield segment performed the best, at 16.54%.

The investment grade short-end maturity buckets remained in favor over the mid- to long-end maturity buckets. As the rising 10-year Treasury yields continued to weigh on the global debt market, the worst performance came from the 10Y+ segments of higher quality bonds. The high yield 10Y+ segments continued to move in the opposite direction, gaining 3.30%, largely attributed to the outperformance in the CCC rated 10Y+ segment.

**Exhibit 2: Rating and Maturity Month-to-Date Index Performance** 

| Exhibit 2. Rating and Maturity Month-to-Date index Performance |                 |                 |                  |                  |                   |                  |             |  |
|--|-----------------|-----------------|------------------|------------------|-------------------|------------------|-------------|--|
| Rating   | 0-1 Year<br>(%) | 1-3 Year<br>(%) | 3-5 Years<br>(%) | 5-7 Years<br>(%) | 7-10 Years<br>(%) | 10+ Years<br>(%) | Overall (%) |  |
| Investment Grade   | 0.37            | 0.29            | -0.39            | -1.11            | -1.69             | -3.61            | -0.64       |  |
| AAA  | 0.52            | 0.33            | -0.32            | 0.00             | -1.98             | -5.02            | -1.96       |  |
| AA   | 0.49            | 0.42            | -0.26            | -1.02            | -1.68             | -3.77            | -0.40       |  |
| A  | 0.41            | 0.45            | -0.10            | -0.96            | -1.66             | -3.69            | -0.41       |  |
| BBB  | 0.33            | 0.10            | -0.71            | -1.26            | -1.70             | -3.48            | -0.84       |  |
| High Yield   | -0.33           | -0.75           | -1.00            | -1.69            | -1.26             | 3.30             | -0.77       |  |
| ВВ   | 0.15            | -0.46           | -1.32            | -1.50            | -3.02             | -3.29            | -0.57       |  |
| В  | -1.15           | -0.91           | -0.89            | -2.16            | -1.36             | 0.00             | -1.07       |  |
| CCC  | 0.98            | -0.83           | 3.39             | 1.69             | 3.85              | 6.22             | 1.25        |  |

Source: IHS Markit, part of S&P Global. Data as of Oct. 31, 2023. Index performance based on total return in USD. Past performance is no guarantee of future results. Table is provided for illustrative purposes.

All of the top seven markets by market value in the index posted negative returns in October. The two markets that experienced a rate hike of 25 bps this month, Indonesia (down 1.50%) and the Philippines (down 1.19%), were the worst-performing markets. Spreads across all top seven markets widened—except for Mainland China and Indonesia—and duration across all of them shortened.

**Exhibit 3: Top Seven Largest Markets Month-to-Date Performance and Changes** 

| Market         | Δ MTD (%) | Δ Yield (%) | Δ Spread (bps) | Δ Duration |
|----------------|-----------|-------------|----------------|------------|
| Mainland China | -0.47     | 0.09        | -11            | -0.05      |
| Hong Kong      | -0.68     | 0.32        | 8              | -0.09      |
| India          | -0.69     | 0.40        | 19             | -0.12      |
| Indonesia      | -1.50     | 0.31        | 0              | -0.18      |
| Singapore      | -0.63     | 0.27        | 4              | -0.16      |
| South Korea    | -0.11     | 0.20        | 3              | -0.06      |
| Philippines    | -1.19     | 0.31        | 1              | -0.16      |

Source: IHS Markit, part of S&P Global. Data as of Oct. 31, 2023. Index performance based on total return in USD.  $\Delta$  Yield refers to change in semiannual yield for the month in percent.  $\Delta$  Spread refers to change in semiannual spread to benchmark curve for the month in bps.  $\Delta$  Duration refers to change in semiannual modified duration for the month. Past performance is no guarantee of future results. Table is provided for illustrative purposes.

Investment grade U.S. dollar bonds from Chinese issuers outperformed the broad Asian USD investment grade market in October by a slight 0.33%. In contrast, losses from Chinese-issued high yield USD bonds more than doubled compared to the broad Asian USD high yield market, coming in at -1.98% and -0.77%, respectively.

Following its failure to pay a coupon payment within the grace period on a U.S. dollar bond, Country Garden was deemed to have defaulted on its obligations and was the worst-performing issuer in the index for the month. With multiple issuers failing to meet their debt payments in the last few months, confidence in China's Real Estate sector further crumbled, and the performance of the segment continued to deteriorate by another 8.27%, reaching a new YTD low of -36.37%. On the bright side, China's local government financing vehicles (LGFVs) climbed 0.29% and remained the best-performing Mainland China segment.

**Exhibit 4: Performance of Mainland China and Its Subindices** 

| Index            | Index<br>Level | ∆ MTD<br>(%) | ∆ YTD<br>(%) | ∆ 3 Year<br>(%) | Market Value (USD Billions) | Yield<br>(%) | Spread (bps) | Duration (Years) | Number of Bonds |
|------------------|----------------|--------------|--------------|-----------------|-----------------------------|--------------|--------------|------------------|-----------------|
| Mainland China   | 210.68         | -0.47        | -0.57        | -14.13          | 421                         | 7.31         | 228          | 2.80             | 834             |
| Sovereigns       | 147.78         | -0.55        | 0.01         | -9.63           | 14                          | 5.13         | 13           | 4.65             | 15              |
| Non-Sovereigns   | 210.94         | -0.47        | -0.59        | -14.24          | 407                         | 7.43         | 240          | 2.74             | 819             |
| Sub-Sovereigns   | 193.85         | -0.03        | 1.92         | -3.10           | 17                          | 5.56         | 56           | 2.88             | 30              |
| Corporates       | 214.05         | -0.49        | -0.69        | -14.65          | 390                         | 7.52         | 248          | 2.73             | 789             |
| Financials       | 243.60         | -0.57        | -2.80        | -20.84          | 220                         | 9.21         | 417          | 1.84             | 492             |
| Real Estate      | 118.28         | -8.27        | -36.37       | -66.04          | 23                          | 26.95        | 2190         | 1.95             | 101             |
| Non-Financials   | 210.22         | -0.38        | 2.06         | -4.83           | 170                         | 6.48         | 144          | 3.89             | 297             |
| Investment Grade | 207.89         | -0.31        | 2.24         | -4.95           | 379                         | 6.58         | 155          | 2.94             | 722             |
| High Yield       | 182.01         | -1.98        | -19.77       | -43.90          | 42                          | 19.45        | 1441         | 1.55             | 112             |
| LGFV             | 131.65         | 0.29         | 5.43         | 7.20            | 46                          | 7.73         | 262          | 1.39             | 135             |
| Investment Grade | 126.46         | 0.24         | 5.42         | 3.82            | 40                          | 7.40         | 230          | 1.42             | 115             |
| High Yield       | 147.71         | 0.59         | 5.42         | 20.43           | 6                           | 10.39        | 513          | 1.19             | 20              |

Source: IHS Markit, part of S&P Global. Data as of Oct. 31, 2023. Index performance based on total return in USD. Yield refers to semiannual yield in percent. Spread refers to semiannual spread to benchmark curve in bps. Duration refers to semiannual modified duration. Past performance is no guarantee of future results. Table is provided for illustrative purposes.

Nov. 1, 2023

3.76

0.63

2.81

4.08

3.30

6.54

2.99

6.62

3.02

2.88

3.87

5.65

4.18

2.86

5.65

5.52

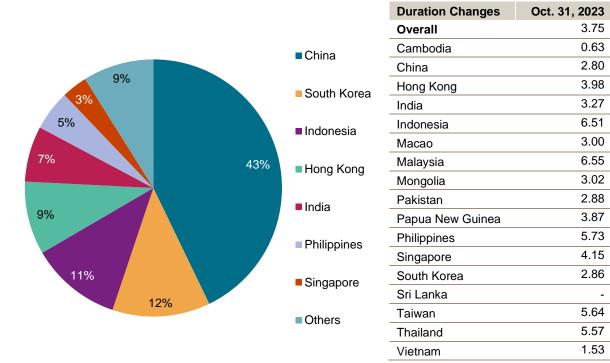
1.53

## October Month-End Rebalance

This rebalance, the iBoxx USD Asia ex-Japan Index added 46 eligible bonds, with USD 30.98 billion of new notional. With an aggregate notional of more than USD 25.22 billion, 43 bonds were removed from the index this month.

Please refer to the Appendix for a breakdown of this month's insertions and deletions and a list of fallen angels and rising stars recognized in 2023.

Exhibit 5: Market Breakdown and Duration Changes of Overall Index Post Rebalance



Source: IHS Markit, part of S&P Global. Data as of Oct. 31, 2023, for the chart (left) and Nov. 1, 2023, for the table (right). Index performance based on total return in USD. Duration refers to semiannual modified duration. Past performance is no guarantee of future results. Chart and table are provided for illustrative purposes.

Post-rebalance, the overall index duration increased slightly from 3.75 to 3.76 years. Since the end of the first quarter of the year, the duration of the overall index has shortened for each of the past seven months, bringing the duration profile of the index from 4.16 to 3.76 years. As of Oct. 31, 2023, China, Indonesia and South Korea remained the top three USD bond markets in the index by market value, each holding a weight greater than 10%.

## **Appendix**

Exhibit 6: Key Analytics of Overall Index and Credit Rating and Maturity Subindices

| Index        | Index Level | ∆ <b>MTD (%)</b> | Market Value (USD Billions) | Yield (%) | Spread (bps) | Duration<br>(Years) | Number of<br>Bonds |
|--------------|-------------|------------------|-----------------------------|-----------|--------------|---------------------|--------------------|
| Overall      | 201.41      | -0.66            | 982                         | 6.95      | 193          | 3.75                | 1801               |
| Credit Ratin | ıg          |                  |                             |           |              |                     |                    |
| AAA          | 171.68      | -1.96            | 10                          | 5.38      | 35           | 7.49                | 17                 |
| AA           | 179.00      | -0.40            | 117                         | 5.62      | 64           | 3.83                | 203                |
| Α            | 197.18      | -0.41            | 311                         | 6.11      | 109          | 3.80                | 553                |
| BBB          | 216.20      | -0.84            | 421                         | 6.81      | 177          | 4.10                | 753                |
| ВВ           | 236.77      | -0.57            | 80                          | 10.84     | 585          | 2.03                | 154                |
| В            | 165.19      | -1.07            | 34                          | 15.55     | 1060         | 2.08                | 77                 |
| CCC          | 52.08       | 1.25             | 8                           | 40.08     | 3509         | 2.11                | 33                 |
| Maturity     |             |                  |                             |           |              |                     |                    |
| Year 0-1     | 165.66      | 0.27             | 150                         | 13.66     | 832          | 0.48                | 315                |
| Year 1-3     | 177.20      | 0.10             | 366                         | 7.95      | 285          | 1.77                | 705                |
| Year 3-5     | 204.12      | -0.47            | 186                         | 6.79      | 194          | 3.40                | 315                |
| Year 5-7     | 216.62      | -1.16            | 92                          | 6.71      | 182          | 5.18                | 165                |
| Year 7-10    | 212.82      | -1.68            | 77                          | 6.37      | 145          | 6.63                | 130                |
| Year 10+     | 229.53      | -3.56            | 111                         | 6.50      | 136          | 12.10               | 171                |

Source: IHS Markit, part of S&P Global. Data as of Oct. 31, 2023. Index performance based on total return in USD. Yield refers to semiannual yield in percent. Spread refers to semiannual spread to benchmark curve in bps. Duration refers to semiannual modified duration. Past performance is no guarantee of future results. Table is provided for illustrative purposes.

Exhibit 7: iBoxx USD Asia ex-Japan Overall Index – Insertions

| Issue                   | Market | iBoxx Rating | Notional (USD Millions) |
|-------------------------|--------|--------------|-------------------------|
| CKHH 4.88% 2033-04-21   | HK     | Α            | 1,250                   |
| CKHH 1.5% 2026-04-15    | HK     | Α            | 500                     |
| CKHH 2.5% 2031-04-15    | HK     | Α            | 850                     |
| CKHH 3.13% 2041-04-15   | HK     | Α            | 650                     |
| CNXC 6.65% 2026-08-02   | PH     | BBB          | 800                     |
| CNXC 6.6% 2028-08-02    | PH     | BBB          | 800                     |
| CNXC 6.85% 2033-08-02   | PH     | BBB          | 550                     |
| DAHSIN 3% 2031-11-02    | HK     | BBB          | 300                     |
| HYNMTR 4.3% 2024-02-01  | KR     | BBB          | 350                     |
| HYNMTR 3.4% 2024-06-20  | KR     | BBB          | 400                     |
| HYNMTR 3.5% 2026-11-02  | KR     | BBB          | 700                     |
| HYNMTR 2.65% 2025-02-10 | KR     | BBB          | 500                     |
| HYNMTR 3% 2027-02-10    | KR     | BBB          | 500                     |
| HYNMTR 5.88% 2025-04-07 | KR     | BBB          | 600                     |

Source: IHS Markit, part of S&P Global. Data as of Oct. 31, 2023. Index performance based on total return in USD. Unrated bonds with ratings based on iBoxx implied credit rating methodology are denoted with (\*) in the Rating column. Past performance is no guarantee of future results. Table is provided for illustrative purposes.

Exhibit 7: iBoxx USD Asia ex-Japan Overall Index - Insertions (cont.)

| EXHIBIT 7. IDOXX COD A  | sia ex-vapaii | Overall illuex - illuer tions (col | 114.)                   |
|-------------------------|---------------|------------------------------------|-------------------------|
| Issue                   | Market        | iBoxx Rating                       | Notional (USD Millions) |
| HYNMTR 6.38% 2030-04-08 | KR            | BBB                                | 650                     |
| HYNMTR 1.8% 2025-10-15  | KR            | BBB                                | 750                     |
| HYNMTR 2.38% 2027-10-15 | KR            | BBB                                | 650                     |
| HYNMTR 0.8% 2024-01-08  | KR            | BBB                                | 1,200                   |
| HYNMTR 1.3% 2026-01-08  | KR            | BBB                                | 850                     |
| HYNMTR 1.8% 2028-01-10  | KR            | BBB                                | 650                     |
| HYNMTR 0.88% 2024-06-14 | KR            | BBB                                | 1,000                   |
| HYNMTR 1.5% 2026-06-15  | KR            | BBB                                | 850                     |
| HYNMTR 2% 2028-06-15    | KR            | BBB                                | 850                     |
| HYNMTR 1% 2024-09-17    | KR            | BBB                                | 1,200                   |
| HYNMTR 1.65% 2026-09-17 | KR            | BBB                                | 1,000                   |
| HYNMTR 2.1% 2028-09-15  | KR            | BBB                                | 800                     |
| HYNMTR 5.6% 2028-03-30  | KR            | BBB                                | 800                     |
| HYNMTR 5.8% 2030-04-01  | KR            | BBB                                | 500                     |
| HYNMTR 5.8% 2025-06-26  | KR            | BBB                                | 750                     |
| HYNMTR 5.65% 2026-06-26 | KR            | BBB                                | 750                     |
| HYNMTR 5.68% 2028-06-26 | KR            | BBB                                | 1,000                   |
| HYNMTR 5.7% 2030-06-26  | KR            | BBB                                | 500                     |
| HYNMTR 6% 2025-07-11    | KR            | BBB                                | 400                     |
| HYNMTR 5.95% 2026-09-21 | KR            | BBB                                | 700                     |
| HYNMTR 6.1% 2028-09-21  | KR            | BBB                                | 800                     |
| HYNMTR 6.2% 2030-09-21  | KR            | BBB                                | 500                     |
| ICBCAS 5.38% 2026-10-25 | CN            | A                                  | 500                     |
| INDKOR 5.38% 2028-10-04 | KR            | AA                                 | 600                     |
| JINLIX 7.3% 2026-10-26  | CN            | A*                                 | 300                     |
| JNHITE 7.4% 2026-10-27  | CN            | BBB                                | 280                     |
| KDB 5.38% 2026-10-23    | KR            | AA                                 | 700                     |
| KDB 5.38% 2028-10-23    | KR            | AA                                 | 500                     |
| KDB 5.63% 2033-10-23    | KR            | AA                                 | 500                     |
| KEBHNB 5.75% 2028-10-24 | KR            | А                                  | 500                     |
| KOLAHO 5.75% 2025-10-06 | KR            | AA                                 | 700                     |
| MEDCIJ 8.96% 2029-04-27 | ID            | В                                  | 500                     |
|                         |               |                                    |                         |

Source: IHS Markit, part of S&P Global. Data as of Oct. 31, 2023. Index performance based on total return in USD. Unrated bonds with ratings based on iBoxx implied credit rating methodology are denoted with (\*) in the Rating column. Past performance is no guarantee of future results. Table is provided for illustrative purposes.

Exhibit 8: iBoxx USD Asia ex-Japan Overall Index - Deletions

| Issue                   | Market | iBoxx Rating | Notional (USD Millions) |
|-------------------------|--------|--------------|-------------------------|
| AACTEC 2.63% 2026-06-02 | CN     | BBB          | 253                     |
| AGRBK 1% 2023-10-22     | CN     | Α            | 500                     |
| BBLTB 5% 2023-10-03     | TH     | BBB          | 500                     |
| CHGRAU 9.12% 1900-01-00 | CN     | CC           | 261                     |
| CHINA 0.4% 2023-10-21   | CN     | А            | 1,250                   |
| CHINA 3.25% 2023-10-19  | CN     | A            | 1,500                   |
| CHINEV 3.8% 1900-01-00  | CN     | BBB          | 300                     |
| CHINSC 7.38% 2024-04-09 | CN     | CCC          | 500                     |
| CHINSC 7% 2025-05-02    | CN     | CCC          | 500                     |
| CHINSC 6% 2026-02-04    | CN     | CCC          | 350                     |
| CHIOLI 5.38% 2023-10-29 | CN     | BBB          | 500                     |
| CHLEAS 3.75% 2023-10-22 | TW     | BBB          | 300                     |
| CMHI 3.5% 1900-01-00    | CN     | BBB          | 600                     |
| CNOOC 4.5% 2023-10-03   | CN     | А            | 1,300                   |
| COGARD 5.63% 2026-12-15 | CN     | С            | 324                     |
| COGARD 5.13% 2025-01-17 | CN     | CCC          | 750                     |
| COGARD 6.5% 2024-04-08  | CN     | ВВ           | 550                     |
| COGARD 7.25% 2026-04-08 | CN     | ВВ           | 1,345                   |
| COGARD 5.13% 2027-01-14 | CN     | ВВ           | 550                     |
| COGARD 5.63% 2030-01-14 | CN     | ВВ           | 450                     |
| COGARD 5.4% 2025-05-27  | CN     | ВВ           | 544                     |
| COGARD 4.2% 2026-02-06  | CN     | CC           | 500                     |
| COGARD 4.8% 2030-08-06  | CN     | CC           | 500                     |
| COGARD 3.13% 2025-10-22 | CN     | С            | 1,000                   |
| COGARD 3.88% 2030-10-22 | CN     | С            | 500                     |
| COGARD 2.7% 2026-07-12  | CN     | С            | 700                     |
| COGARD 3.3% 2031-01-12  | CN     | С            | 700                     |
| CTIH 6% 2023-10-18      | CN     | BBB          | 400                     |
| DBMMN 7.25% 2023-10-23  | MN     | В            | 351                     |
| HRINTH 3.63% 2030-09-30 | CN     | BBB          | 277                     |
| INDON 5.38% 2023-10-17  | ID     | BBB          | 746                     |
| JXCCMZ 2.6% 2023-10-29  | CN     | BBB          | 300                     |
|                         |        |              |                         |

Source: IHS Markit, part of S&P Global. Data as of Oct. 31, 2023. Index performance based on total return in USD. Unrated bonds with ratings that are based on iBoxx implied credit rating methodology are denoted with (\*) in the Rating column. Bonds that were either called, exchanged, redeemed or repurchased (either partially or as a whole) are denoted with (^) in the Issue column. Bonds that were traded flat of accrued interest or are givein a rating of D by rating agencies are denoted with (†) in the Issue column. Past performance is no guarantee of future results. Table is provided for illustrative purposes.

Exhibit 8: iBoxx USD Asia ex-Japan Overall Index - Deletions (cont.)

| Issue                   | Market | iBoxx Rating | Notional (USD Millions) |
|-------------------------|--------|--------------|-------------------------|
| KDB 0.5% 2023-10-27     | KR     | AA           | 500                     |
| PTTGC 5.2% 2052-03-30   | TH     | BBB          | 270                     |
| SHARAO 4.38% 2023-10-21 | CN     | ВВ           | 300                     |
| SINOCH 3% 1900-01-00    | CN     | BBB          | 500                     |
| SINOPE 4.38% 2023-10-17 | CN     | A            | 1,500                   |
| SPICLE 4.65% 2023-10-30 | CN     | A            | 500                     |
| SWIRE 4.5% 2023-10-09   | HK     | A            | 700                     |
| TZCONS 2.65% 2023-10-22 | CN     | BBB          | 500                     |
| UMQHTH 4.75% 2023-10-23 | CN     | BB           | 300                     |
| UOBSP 3.88% 1900-01-00  | SG     | BBB          | 650                     |
| YUEXIU 5.38% 2023-10-19 | CN     | BBB          | 400                     |

Source: IHS Markit, part of S&P Global. Data as of Oct. 31, 2023. Index performance based on total return in USD. Unrated bonds with ratings that are based on iBoxx implied credit rating methodology are denoted with (\*) in the Rating column. Bonds that were either called, exchanged, redeemed or repurchased (either partially or as a whole) are denoted with (^) in the Issue column. Bonds that were traded flat of accrued interest or are givein a rating of D by rating agencies are denoted with (†) in the Issue column. Past performance is no guarantee of future results. Table is provided for illustrative purposes.

Exhibit 9a: Fallen Angels in the iBoxx USD Asia ex-Japan Overall Index in 2023

| Rebalance      | Issue                    | Market | Past iBoxx Rating | Current iBoxx Rating |
|----------------|--------------------------|--------|-------------------|----------------------|
| Oct. 31, 2023  | DFINVH 7% 2025-09-28     | CN     | BBB*              | BB*                  |
| Oct. 31, 2023  | GLPSP 3.875% 2025-06-04  | CN     | BBB               | ВВ                   |
| Oct. 31, 2023  | PINGRE 3.25% 2025-06-23  | CN     | BBB               | ВВ                   |
| Oct. 31, 2023  | PINGRE 2.75% 2024-07-29  | CN     | BBB               | ВВ                   |
| Oct. 31, 2023  | PINGRE 3.45% 2026-07-29  | CN     | BBB               | BB                   |
| Sept. 30, 2023 | SUNHKC 5.75% 2024-11-15  | HK     | BBB*              | BB*                  |
| Sept. 30, 2023 | SUNHKC 5% 2026-09-07     | НК     | BBB*              | BB*                  |
| Aug. 31, 2023  | FAEACO 7.375%            | HK     | BBB*              | BB*                  |
| Aug. 31, 2023  | FWDGHD 5.75% 2024-07-09  | HK     | BBB*              | BB                   |
| Aug. 31, 2023  | JMUDIV 4.9% 2025-07-29   | CN     | BBB               | BB                   |
| Aug. 31, 2023  | KMRLGP 8.5% 2025-12-07   | CN     | BBB               | BB                   |
| Aug. 31, 2023  | NWDEVL 6.25%             | HK     | BBB*              | BB*                  |
| Aug. 31, 2023  | NWDEVL 4.125% 2029-07-18 | HK     | BBB*              | BB*                  |
| June 30, 2023  | SMCPM 5.5%               | PH     | BBB*              | BB*                  |
| May 31, 2023   | YXREIT 2.65% 2026-02-02  | CN     | BBB               | ВВ                   |
| April 30, 2023 | QDJZWD 3.2 2025-3-3      | CN     | BBB               | BB                   |
| April 30, 2023 | QDJZWD 4.9 2025-6-16     | CN     | BBB               | BB                   |
| April 30, 2023 | WFURCD 2.6 2024-9-27     | CN     | BBB               | BB                   |
| March 31, 2023 | MINMET 4.95 2026-7-22    | CN     | BBB*              | BB*                  |
| Feb. 28, 2023  | TSIVMG 1.55% 2029-12-17  | CN     | BBB*              | BB*                  |
| Jan. 31, 2023  | CFGSP 10% 2032-11-07     | HK     | BBB*              | BB*                  |
| Jan. 31, 2023  | FWDGRP 6.375%            | HK     | BBB*              | BB*                  |
| Jan. 31, 2023  | ACNRGY 4.75% 2024-01-29  | PH     | A*                | BB*                  |
| Jan. 31, 2023  | ACNRGY 5.1%              | PH     | BBB*              | BB*                  |
| Jan. 31, 2023  | ACPM 5.125%              | PH     | BBB*              | BB*                  |
| Jan. 31, 2023  | ACPM 4.85%               | PH     | BBB*              | BB*                  |
| Jan. 31, 2023  | ACPM 3.9%                | PH     | BBB*              | BB*                  |
|                |                          |        |                   |                      |

Source: IHS Markit, part of S&P Global. Data as of Oct. 31, 2023. Index performance based on total return in USD. Unrated bonds with ratings based on iBoxx implied credit rating methodology are denoted with (\*) in the Rating column. Past performance is no guarantee of future results. Table is provided for illustrative purposes.

#### Exhibit 9b: Rising Stars in the iBoxx USD Asia ex-Japan Overall Index in 2023

| Rebalance      | Issue                   | Market | Past iBoxx Rating | Current iBoxx Rating |
|----------------|-------------------------|--------|-------------------|----------------------|
| Oct. 31, 2023  | TATAIN 5.95% 2024-07-31 | IN     | ВВ                | BBB                  |
| Aug. 31, 2023  | FWDGHD 6.375%           | НК     | BB*               | BBB                  |
| July 31, 2023  | NWDEVL 6.15%            | НК     | BB*               | BBB*                 |
| April 30, 2023 | XIANGY 5.7 2025-9-23    | CN     | BB*               | BBB*                 |
| Jan. 31, 2023  | HACOMM 5.5% 2025-07-15  | CN     | BB*               | BBB*                 |
| Jan. 31, 2023  | BOBIN 3.875% 2024-04-04 | IN     | ВВ                | BBB                  |
| Jan. 31, 2023  | CBKIN 3.875% 2024-03-28 | IN     | BB                | BBB                  |

Source: IHS Markit, part of S&P Global. Data as of Oct. 31, 2023. Index performance based on total return in USD. Unrated bonds with ratings based on iBoxx implied credit rating methodology are denoted with (\*) in the Rating column. Past performance is no guarantee of future results. Table is provided for illustrative purposes.

# Exhibit 9c: Bonds Excluded from the iBoxx USD Asia ex-Japan Overall Index Due to U.S. Executive Order 13959

| Rebalance     | Issuer   | Market | ISIN         | Notional (USD Millions) |
|---------------|--|--------|--------------|-------------------------|
| Jan. 31, 2021 | Semiconductor Manufacturing International Corp | CN     | XS2101828452 | 600                     |
| July 31, 2021 | Proven Glory Capital Ltd                       | CN     | XS1567423766 | 500                     |
| July 31, 2021 | Proven Honour Capital Limited                  | CN     | XS1233275194 | 1,000                   |
| July 31, 2021 | Proven Honour Capital Limited                  | CN     | XS1401816761 | 2,000                   |

Source: IHS Markit, part of S&P Global. Data as of Oct. 31, 2023. Index performance based on total return in USD. Past performance is no guarantee of future results. Table is provided for illustrative purposes.

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