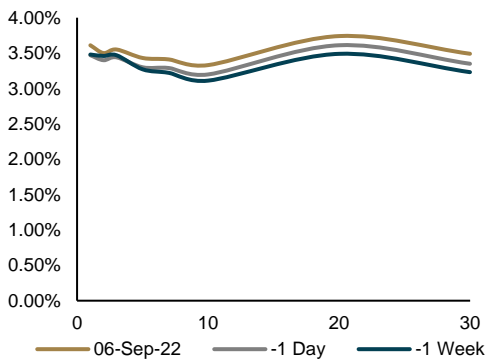


Exhibit 1. U.S. Treasury Yield



Source : U.S Treasury Department

Exhibit 2. Global Gov't Bond Yield

Countries	6-Sep-22	-1 Day	-1 Week
U.S	3.34%	3.19%	3.10%
U.K	3.10%	2.93%	2.70%
Germany	1.63%	1.56%	1.51%
Japan	0.24%	0.23%	0.22%
China	2.62%	2.63%	2.64%
Malaysia	4.02%	4.00%	3.99%
Thailand	2.61%	2.57%	2.40%

Source : Bloomberg

Exhibit 3. Market Indicators

Indicators	Unit	Value
U.S. Treasury	%	3.34
Indo 5-Year CDS	bps	120.65
USD/IDR	points	14,887
BI 7DRR	%	3.75

Source : Bloomberg as of September 6, 2022

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Global Market Update

- UST note yield increased sharply after Labor Day. The benchmark 10-year note yield rose 15 bps to 3.34% on Tuesday (09/06/22).
- On the other hand, the 2-year benchmark yield also jumped 12 bps to 3.51% at the same time.
- Spread between 2/10-year UST note yield was at -17 bps indicating a yield curve inversion.
- US stock indices extended a decline following the rise of UST note yield. The DJI fell 0.55%; S&P 500 was down 0.41% whilst Nasdaq Composite dropped 0.74%.
- On the data front, US non-manufacturing PMI recorded at 56.9 in Aug-22, higher than consensus estimate at 55.5.
- Elsewhere in Europe, market participants await for ECB interest rate decision this week.
- Following the probability of 75 bps rate hikes, government bond yield increased steeply.
- The benchmark 10-year Germany hit 1.63% while UK's 10-year benchmark hit above 3% at the same time.

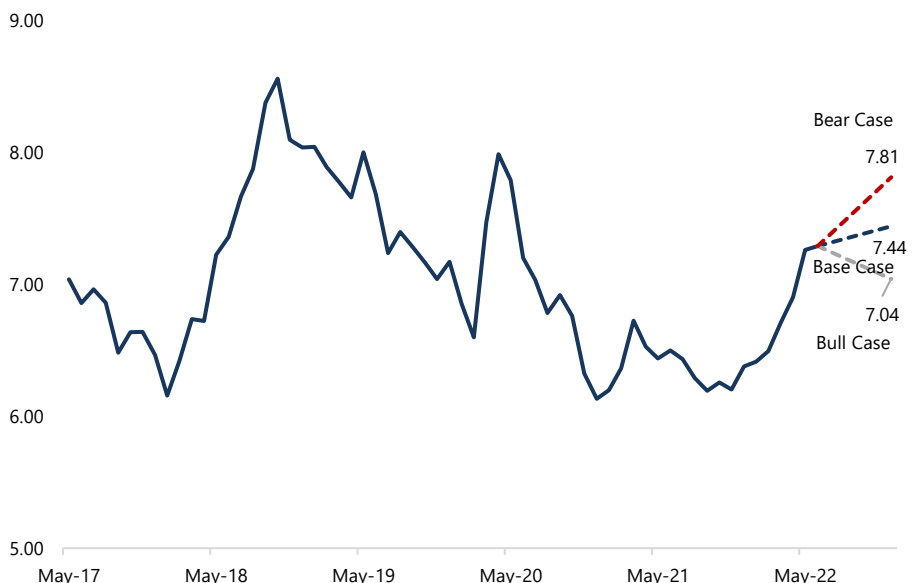
Domestic Market Update

- The benchmark 10-year Indo GB yield (FR0091) rose marginally by 1 bps to 7.15% on Tuesday (09/06/22).
- The IDR strengthened against USD and was closed at IDR14,887/USD on Tuesday (vs IDR14,903/USD on Monday).
- Indonesia's 5-year CDS was still above 120 bps and closed at 120.30 bps on Tuesday.
- Government has conducted auction yesterday and issued 6 series of SBSN amounted at IDR9tn achieving its indicative target.
- However the value of incoming bids were at IDR24.14tn, lower than in the previous auction of IDR28.54tn as we already expected.

Market Projection

- Given the recent development on global and domestic market, we expect the 10 year Indo GB yield to move within a range of 7.10-7.30% for today.
- Attractive Indo GB series to be traded today : FR0070, FR0081, FR0086, FR0090, FR0064, FR0082, FR0087, FR0091, FR0096.

Exhibit 4. 10 Year Indo GB Fair Yield



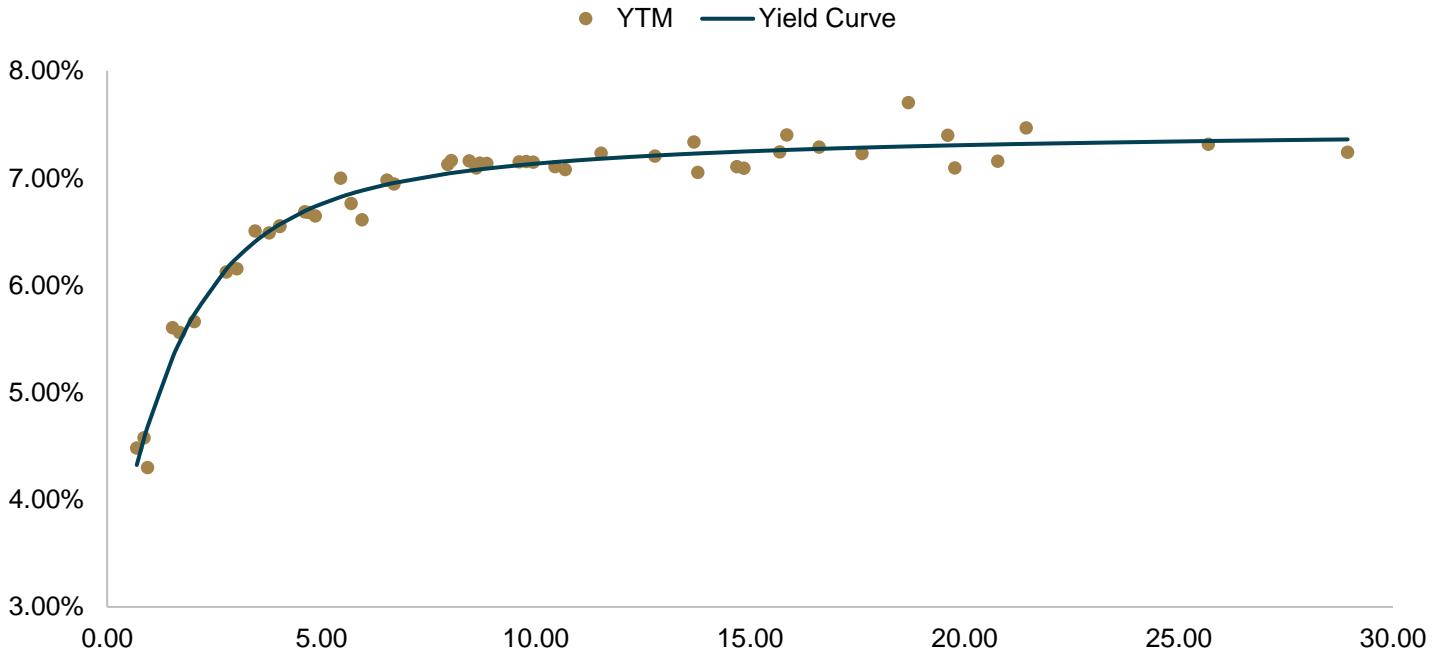
Source : Bloomberg, MNCS Calculation

Exhibit 5. Indo GB Series Valuation

Series	Coupon	Maturity	TTM	Last Price	YTM	Yield Curve	Fair Price	Notes
FR63	5.625	15-May-23	0.69	100.76	4.48%	4.32%	100.87	Discounted
FR46	9.500	15-Jul-23	0.85	104.05	4.58%	4.57%	104.09	Fair
FR39	11.750	15-Aug-23	0.94	106.75	4.30%	4.68%	106.42	Premium
FR70	8.375	15-Mar-24	1.52	103.98	5.60%	5.32%	104.41	Discounted
FR77	8.125	15-May-24	1.69	104.06	5.56%	5.47%	104.22	Fair
FR44	10.000	15-Sep-24	2.03	108.17	5.66%	5.73%	108.06	Fair
FR81	6.500	15-Jun-25	2.77	100.93	6.12%	6.15%	100.88	Fair
FR40	11.000	15-Sep-25	3.03	113.17	6.15%	6.25%	112.89	Fair
FR84	7.250	15-Feb-26	3.44	102.25	6.51%	6.40%	102.57	Fair
FR86	5.500	15-Jun-26	3.77	96.87	6.49%	6.50%	96.68	Fair
FR37	12.000	15-Sep-26	4.03	119.00	6.55%	6.57%	118.94	Fair
FR56	8.375	15-Sep-26	4.03	106.35	6.55%	6.57%	106.30	Fair
FR90	5.125	15-Apr-27	4.61	93.90	6.68%	6.69%	93.87	Fair
FR59	7.000	15-May-27	4.69	101.26	6.68%	6.71%	101.15	Fair
FR42	10.250	15-Jul-27	4.86	114.72	6.65%	6.74%	114.34	Fair
FR47	10.000	15-Feb-28	5.44	113.38	7.00%	6.82%	114.23	Discounted
FR64	6.125	15-May-28	5.69	97.02	6.76%	6.85%	96.60	Fair
FR95	6.375	15-Aug-28	5.94	98.85	6.61%	6.88%	97.56	Premium
FR71	9.000	15-Mar-29	6.52	110.43	6.98%	6.94%	110.66	Fair
FR78	8.250	15-May-29	6.69	106.87	6.94%	6.95%	106.83	Fair
FR52	10.500	15-Aug-30	7.94	120.16	7.13%	7.04%	120.76	Fair
FR82	7.000	15-Sep-30	8.03	99.02	7.16%	7.05%	99.72	Fair
FR87	6.500	15-Feb-31	8.44	95.88	7.16%	7.07%	96.43	Fair
FR85	7.750	15-Apr-31	8.61	104.17	7.09%	7.08%	104.28	Fair
FR73	8.750	15-May-31	8.69	110.27	7.14%	7.08%	110.68	Fair
FR54	9.500	15-Jul-31	8.86	115.31	7.13%	7.09%	115.65	Fair
FR91	6.375	15-Apr-32	9.61	94.68	7.15%	7.12%	94.88	Fair
FR58	8.250	15-Jun-32	9.77	107.59	7.15%	7.13%	107.80	Fair
FR74	7.500	15-Aug-32	9.94	102.48	7.15%	7.13%	102.59	Fair
FR96	7.000	15-Feb-33	10.44	99.23	7.10%	7.15%	98.91	Fair
FR65	6.625	15-May-33	10.69	96.63	7.08%	7.16%	96.07	Fair
FR68	8.375	15-Mar-34	11.52	108.84	7.23%	7.18%	109.26	Fair
FR80	7.500	15-Jun-35	12.77	102.44	7.20%	7.21%	102.39	Fair
FR72	8.250	15-May-36	13.69	107.81	7.33%	7.23%	108.78	Fair
FR88	6.250	15-Jun-36	13.77	93.00	7.05%	7.23%	91.54	Premium
FR45	9.750	15-May-37	14.69	123.85	7.11%	7.24%	122.41	Premium
FR93	6.375	15-Jul-37	14.86	93.48	7.09%	7.25%	92.14	Premium
FR75	7.500	15-May-38	15.69	102.39	7.24%	7.26%	102.22	Fair
FR50	10.500	15-Jul-38	15.86	128.63	7.40%	7.26%	130.19	Discounted
FR79	8.375	15-Apr-39	16.61	110.38	7.29%	7.27%	110.53	Fair
FR83	7.500	15-Apr-40	17.61	102.68	7.23%	7.28%	102.12	Fair
FR57	9.500	15-May-41	18.69	117.63	7.70%	7.29%	122.29	Discounted
FR62	6.375	15-Apr-42	19.61	89.50	7.40%	7.30%	90.40	Fair
FR92	7.125	15-Jun-42	19.77	100.32	7.09%	7.30%	98.12	Premium
FR97	7.125	15-Jun-43	20.77	99.66	7.16%	7.31%	97.99	Premium
FR67	8.750	15-Feb-44	21.44	113.62	7.47%	7.32%	115.37	Discounted
FR76	7.375	15-May-48	25.69	100.68	7.31%	7.34%	100.33	Fair
FR89	6.875	15-Aug-51	28.94	95.58	7.24%	7.36%	94.22	Fair

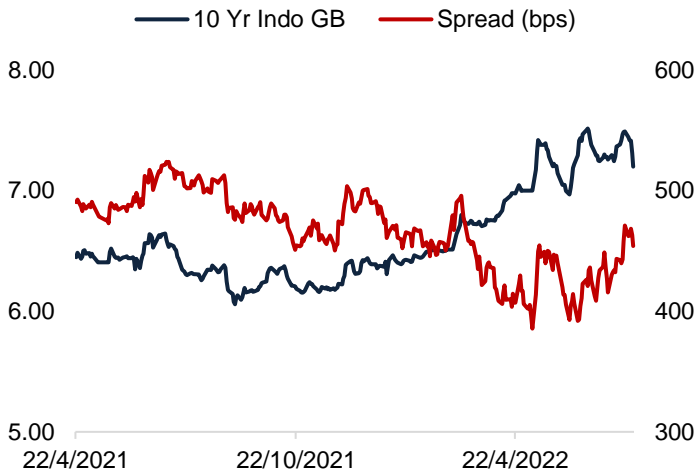
Source : Bloomberg, MNCS Calculation as of September 6, 2022

Exhibit 6. Indo GB Yield Curve



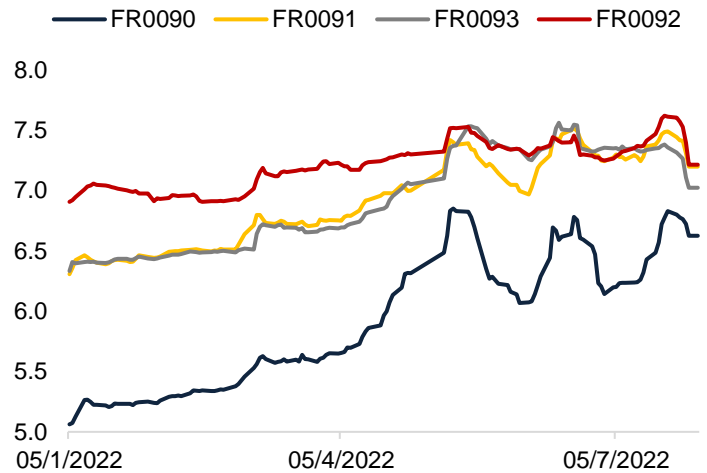
Source : Bloomberg, MNCS Calculation as of September 6, 2022

Exhibit 7. 10 Year U.S. Treasury & Indo GB Spread



Source : Bloomberg, MNCS Calculation

Exhibit 8. Indo GB Benchmark Series Yield (%)



Source : Bloomberg

Exhibit 9. Indo GB Ownership by Type of Investors (%)

Bond Holder	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22
Bank	33.45	33.69	34.77	35.63	34.01	35.47	35.82	35.03	32.81	33.85	29.55	34.21
Central Bank (Nett)	14.78	14.87	13.52	13.10	17.13	15.20	14.12	15.15	17.77	16.56	20.89	16.55
Mutual Fund	3.20	3.28	3.31	3.42	3.38	3.20	3.14	3.19	3.18	3.13	3.16	3.14
Insurance & Pension Fund	14.45	14.40	14.61	14.44	14.00	14.52	14.77	15.22	15.33	15.68	15.94	16.31
Foreign	22.44	21.56	21.24	20.55	19.05	18.97	18.82	17.57	17.03	16.56	16.09	15.35
Individuals	4.46	4.94	5.04	5.08	4.73	4.83	5.32	5.61	5.63	5.80	5.81	5.88
Others	7.21	7.25	7.50	7.78	7.70	7.82	8.01	8.22	8.26	8.42	8.56	8.54

Source : DJPPR as of 26 July 2022

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OVERWEIGHT: Stock's total return is estimated to be above the average total return of our industry coverage universe over next 6-12 months

NEUTRAL: Stock's total return is estimated to be in line with the average total return of our industry coverage universe over next 6-12 months

UNDERWEIGHT: Stock's total return is estimated to be below the average total return of our industry coverage universe over next 6-12 months

MNC Research Investment Ratings Guidance

BUY : Share price may exceed 10% over the next 12 months

HOLD : Share price may fall within the range of +/- 10% of the next 12 months

SELL : Share price may fall by more than 10% over the next 12 months

Not Rated : Stock is not within regular research coverage

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