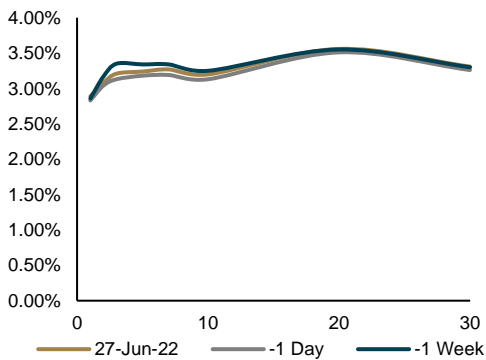


## Exhibit 1. U.S. Treasury Yield



Source : U.S Treasury Department

## Exhibit 2. Global Gov't Bond Yield

Countries	27-Jun-22	-1 Day	-1 Week
U.S	3.20%	3.14%	3.23%
U.K	2.39%	2.30%	2.60%
Germany	1.55%	1.44%	1.75%
Japan	0.24%	0.23%	0.23%
China	2.83%	2.84%	2.83%
Malaysia	4.23%	4.19%	4.32%
Thailand	2.85%	2.83%	2.93%

Source : Bloomberg

## Exhibit 3. Market Indicators

Indicators	Unit	Value
U.S. Treasury	%	3.20
Indo 5-Year CDS	bps	105.75
USD/IDR	points	14,797
BI 7DRR	%	3.50

Source : Bloomberg as of June 27, 2022

## Tirta Widi Gilang Citradi

Economist & Fixed Income Analyst  
tirta.citradi@mncgroup.com

## Global Market Update

- Yield on the benchmark 10-year UST note rose 6 bps to 3.20% to start this week (06/27/22).
- Yields on US government bond was up 5-8 bps along the curve yesterday.
- Fed Chairman Jerome Powell acknowledged that sharply higher interest rate could push up unemployment but restoring price stability has become priority.
- Powell also reaffirmed US CB commitment to fight against 40-year high inflation levels.
- US equity indices booked a negative return to start this week. DJI was closed 0.20% lower, S&P 500 dropped 0.30% and Nasdaq Composite fell 0.72%.

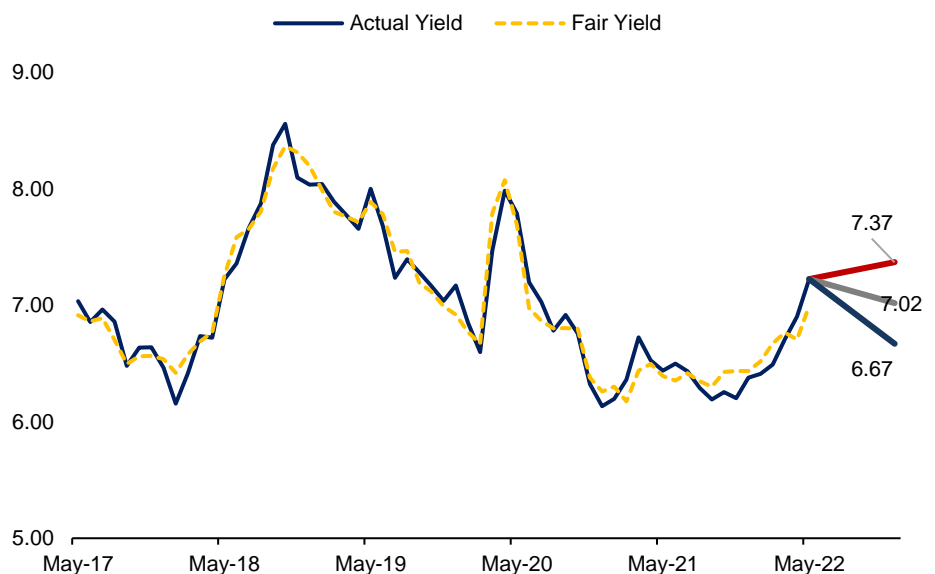
## Domestic Market Update

- The benchmark 10-year Indo GB yield (FR0091) continued to fall. Yield dropped 5 bps to 7.26% on Monday (06/27/22).
- The IDR strengthened against USD and was closed at IDR14,797 yesterday vs IDR14,848 last week.
- Indonesia's risk premium 5-year CDS posted a decline from 107.32 bps to 105.75 bps.
- BI reported broad based money (M2) grew 12.1% YoY in May-22 of , lower than the Apr-22 period of +13.6% YoY.
- M2 growth was influenced slower central government finances expansion and growth in credit disbursement.

## 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 7.30-7.50% for today.
- Attractive Indo GB series to be traded today : FR0063, FR0081, FR0084, FR0090, FR0047, FR0052, FR0054, FR0091.

## Exhibit 4. 10 Year Indo GB Fair Yield



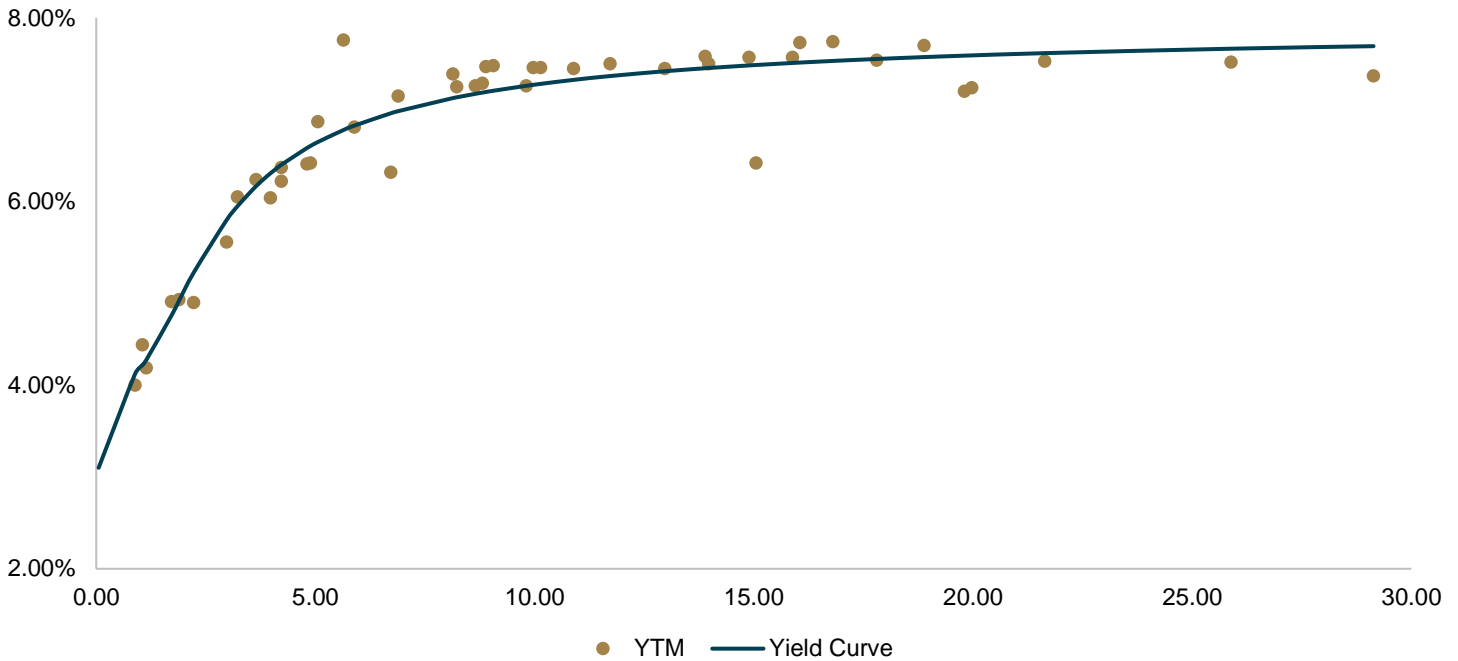
Source : Bloomberg, MNCS Calculation

## Exhibit 5. Indo GB Series Valuation

Series	Coupon (%)	Maturity	TTM (Yr.)	Last Price	YTM (%)	Yield Curve (%)	Fair Price	Notes
FR43	10.250	15-Jul-22	0.05	100.38	1.66%	3.10%	100.35	Premium
FR63	5.625	15-May-23	0.88	101.38	4.00%	4.12%	101.28	Fair
FR46	9.500	15-Jul-23	1.05	105.12	4.44%	4.22%	105.36	Fair
FR39	11.750	15-Aug-23	1.13	108.15	4.19%	4.27%	108.19	Fair
FR70	8.375	15-Mar-24	1.72	105.61	4.91%	4.76%	105.88	Fair
FR77	8.125	15-May-24	1.88	105.66	4.93%	4.92%	105.69	Fair
FR44	10.000	15-Sep-24	2.22	110.40	4.90%	5.23%	109.86	Premium
FR81	6.500	15-Jun-25	2.97	102.54	5.56%	5.80%	101.89	Fair
FR40	11.000	15-Sep-25	3.22	114.23	6.05%	5.95%	114.57	Fair
FR84	7.250	15-Feb-26	3.64	103.22	6.24%	6.16%	103.48	Fair
FR86	5.500	15-Jun-26	3.97	98.17	6.04%	6.31%	97.21	Fair
FR37	12.000	15-Sep-26	4.22	120.25	6.37%	6.40%	120.39	Fair
FR56	8.375	15-Sep-26	4.22	107.85	6.22%	6.40%	107.18	Fair
FR90	5.125	15-Apr-27	4.80	94.78	6.41%	6.58%	94.08	Fair
FR59	7.000	15-May-27	4.88	102.37	6.42%	6.60%	101.62	Fair
FR42	10.250	15-Jul-27	5.05	114.21	6.87%	6.65%	115.24	Fair
FR47	10.000	15-Feb-28	5.64	109.90	7.76%	6.78%	114.87	Discounted
FR64	6.125	15-May-28	5.88	96.73	6.81%	6.83%	96.64	Fair
FR71	9.000	15-Mar-29	6.72	110.15	6.32%	6.96%	110.78	Premium
FR78	8.250	15-May-29	6.88	105.89	7.15%	6.98%	106.82	Fair
FR52	10.500	15-Aug-30	8.13	118.50	7.39%	7.13%	120.55	Fair
FR82	7.000	15-Sep-30	8.22	98.47	7.25%	7.13%	99.17	Fair
FR87	6.500	15-Feb-31	8.64	95.15	7.26%	7.17%	95.72	Fair
FR85	7.750	15-Apr-31	8.80	102.91	7.29%	7.18%	103.62	Fair
FR73	8.750	15-May-31	8.88	108.22	7.47%	7.19%	110.09	Discounted
FR54	9.500	15-Jul-31	9.05	113.10	7.48%	7.20%	115.06	Discounted
FR91	6.375	15-Apr-32	9.80	93.89	7.26%	7.26%	93.87	Fair
FR58	8.250	15-Jun-32	9.97	105.49	7.46%	7.27%	106.86	Fair
FR74	7.500	15-Aug-32	10.13	100.27	7.46%	7.28%	101.54	Fair
FR65	6.625	15-May-33	10.88	93.95	7.45%	7.32%	94.81	Fair
FR68	8.375	15-Mar-34	11.72	106.70	7.50%	7.36%	107.82	Fair
FR80	7.500	15-Jun-35	12.97	100.39	7.45%	7.42%	100.68	Fair
FR72	8.250	15-May-36	13.88	105.72	7.58%	7.45%	106.84	Fair
FR88	6.250	15-Jun-36	13.97	89.32	7.50%	7.45%	89.67	Fair
FR45	9.750	15-May-37	14.88	119.25	7.57%	7.48%	120.15	Fair
FR93	6.375	15-Jul-37	15.05	99.56	6.42%	7.49%	90.07	Premium
FR75	7.500	15-May-38	15.88	99.38	7.57%	7.51%	99.92	Fair
FR50	10.500	15-Jul-38	16.05	125.00	7.73%	7.51%	127.59	Fair
FR79	8.375	15-Apr-39	16.80	105.87	7.74%	7.53%	107.97	Fair
FR83	7.500	15-Apr-40	17.80	99.58	7.54%	7.55%	99.49	Fair
FR57	9.500	15-May-41	18.88	117.50	7.70%	7.57%	119.20	Fair
FR62	6.375	15-Apr-42	19.80	91.36	7.20%	7.59%	87.67	Premium
FR92	7.125	15-Jun-42	19.97	98.75	7.24%	7.59%	95.26	Premium
FR67	8.750	15-Feb-44	21.64	112.92	7.53%	7.61%	111.94	Fair
FR76	7.375	15-May-48	25.88	98.38	7.52%	7.66%	96.77	Fair
FR89	6.875	15-Aug-51	29.13	94.06	7.37%	7.69%	90.56	Premium

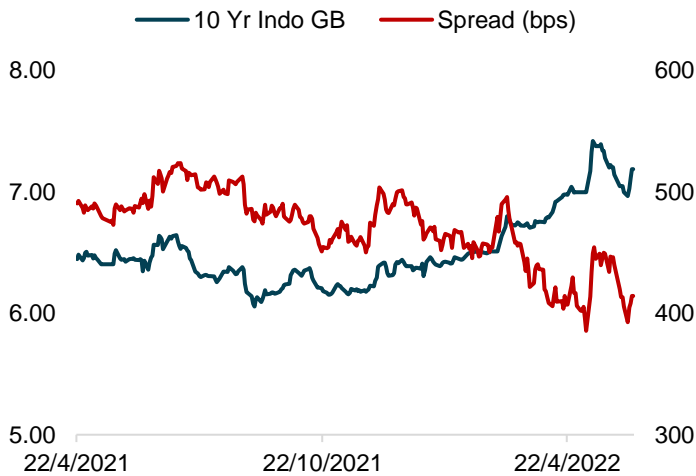
Source : Bloomberg, MNCS Calculation as of June 27, 2022

## Exhibit 6. Indo GB Yield Curve



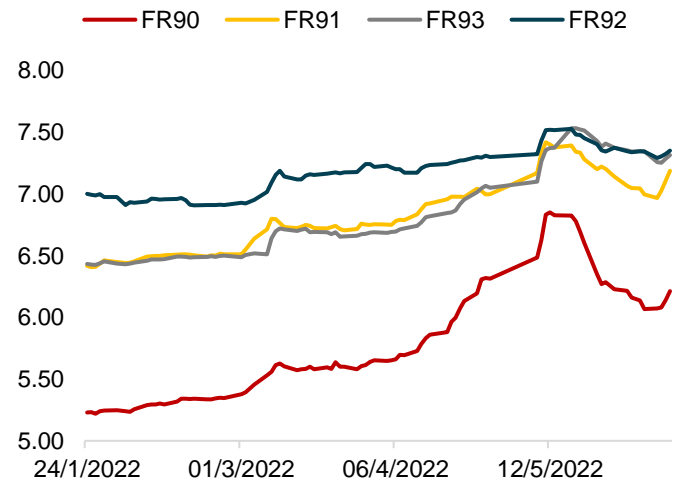
Source : Bloomberg, MNCS Calculation as of June 27, 2022

## 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	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22
Bank	32.5	31.92	33.45	33.69	34.77	35.63	34.01	35.47	35.82	35.03	32.81	32.25
Central Bank (Nett)	15.93	16.08	14.78	14.87	13.52	13.10	17.13	15.20	14.12	15.15	17.77	16.56
Mutual Fund	3.16	3.18	3.20	3.28	3.31	3.42	3.38	3.20	3.14	3.19	3.18	3.13
Insurance & Pension Fund	14.24	14.59	14.45	14.40	14.61	14.44	14.00	14.52	14.77	15.22	15.33	15.68
Foreign	22.82	22.53	22.44	21.56	21.24	20.55	19.05	18.97	18.82	17.57	17.03	16.56
Individuals	4.49	4.64	4.46	4.94	5.04	5.08	4.73	4.83	5.32	5.61	5.63	5.80
Others	6.95	7.07	7.21	7.25	7.50	7.78	7.70	7.82	8.01	8.22	8.26	8.42

Source : DJPPR as of 31 May 2022

## MNC Research Industry Ratings Guidance

**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

## PT MNC SEKURITAS

MNC Financial Center Lt. 14 – 16

Jl. Kebon Sirih No. 21 - 27, Jakarta Pusat 10340

Telp : (021) 2980 3111

Fax : (021) 3983 6899

Call Center : 1500 899

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