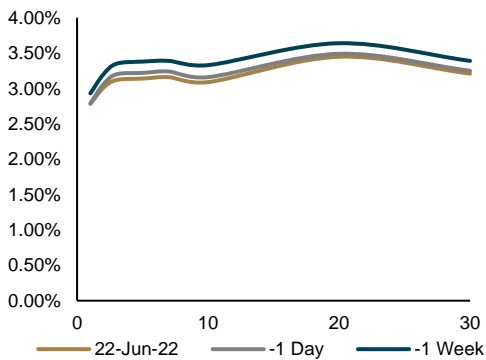


## Exhibit 1. U.S. Treasury Yield



Source : U.S Treasury Department

## Exhibit 2. Global Gov't Bond Yield

Countries	23-Jun-22	-1 Day	-1 Week
U.S	3.09%	3.16%	3.20%
U.K	2.31%	2.50%	2.52%
Germany	1.43%	1.64%	1.71%
Japan	0.23%	0.24%	0.25%
China	2.83%	2.82%	2.82%
Malaysia	4.20%	4.27%	4.35%
Thailand	2.84%	2.89%	3.00%

Source : Bloomberg

## Exhibit 3. Market Indicators

Indicators	Unit	Value
U.S. Treasury	%	3.09
Indo 5-Year CDS	bps	110.49
USD/IDR	points	14,841
BI 7DRR	%	3.50

Source : Bloomberg as of June 23, 2022

## Tirta Widi Gilang Citradi

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## Global Market Update

- Yield on the benchmark 10-year UST note fell 7 bps to 3.09% on Thursday (06/23/22). UST note yields declined 1-8 bps along the curve yesterday.
- The decline in government bond yields also occur in the Eurozone..
- Germany benchmark 10-year government bond yield dropped 21 bps, while yield on UK 10-year government bond fell 19 bps yesterday.
- US major stock indices were closed higher. DJI was up 0.64% while S&P 500 and Nasdaq Composite rose 0.95% and 1.62% respectively.
- Despite the drop in government bond yield and positive stock performance yesterday, risks are still skewed to the downside given the geopolitical & protectionism risk remain and tightened financial condition globally.

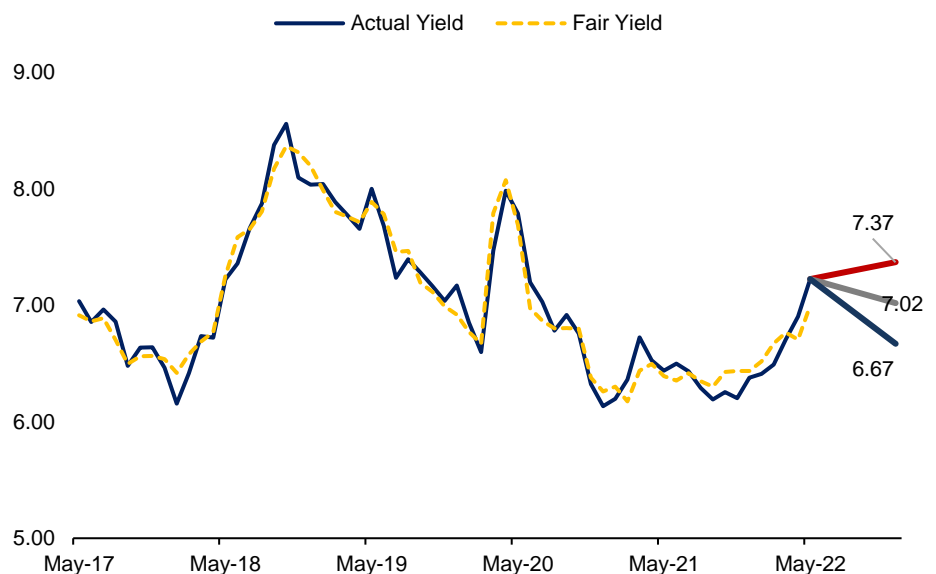
## Domestic Market Update

- The benchmark 10-year Indo GB yield (FR0091) fell 7 bps to 7.39% on Thursday (06/23/22).
- The IDR strengthened against USD and was closed at IDR14,841 yesterday vs IDR14,863 in the previous day.
- However, Indonesia's risk premium 5-year CDS is rising and was closed at 110.49 bps yesterday from 107.57 bps in the previous day.
- BI decided to hold 7-day reverse repo rate at 3.5% in line with our forecast and consensus estimate.
- BI maintain domestic economic growth projection at 4.5-5.3% for FY22F despite rising external risk.
- Government also recorded a budget surplus of IDR132.2tn (0.74% GDP) in May-22 as the economy continue to recover.

## 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



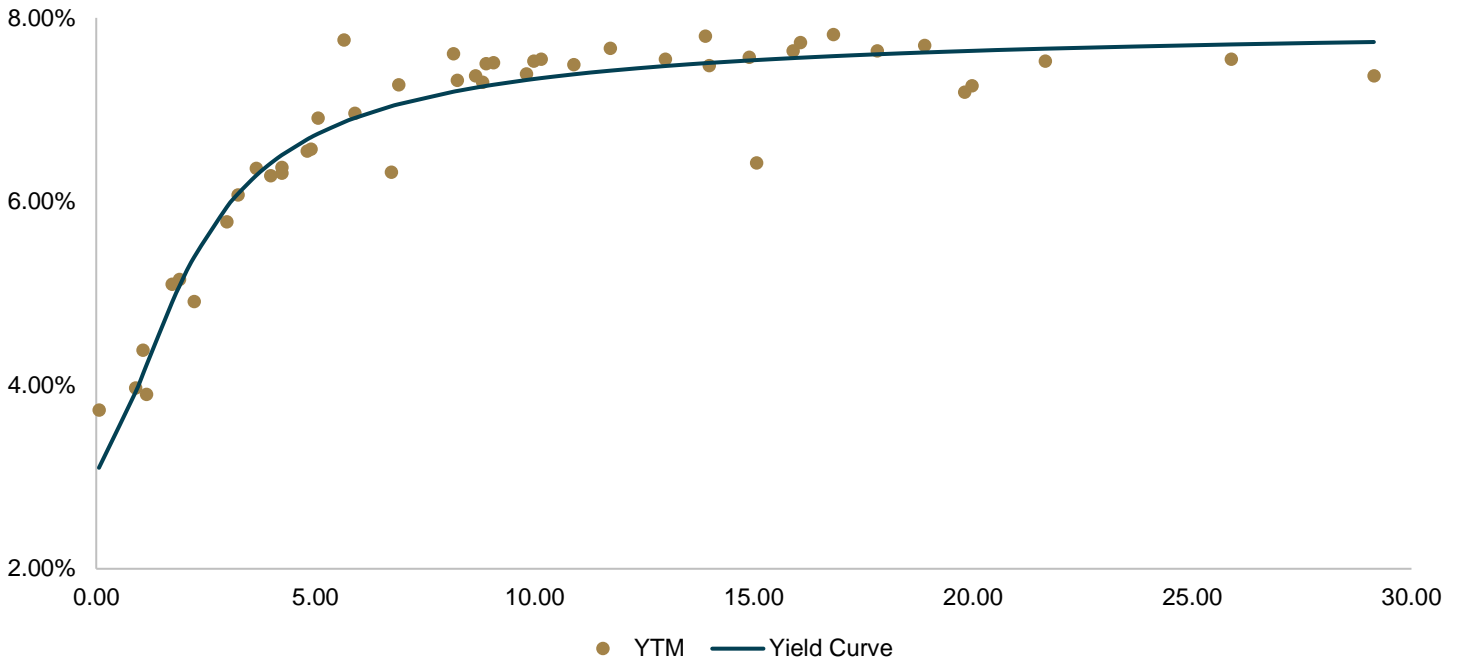
Source : Bloomberg, MNCS Calculation

## 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	0.06	100.32	3.73%	3.10%	100.43	Discounted
FR63	5.625	15-May-23	0.89	101.42	3.97%	3.92%	101.48	Fair
FR46	9.500	15-Jul-23	1.06	105.20	4.38%	4.12%	105.53	Fair
FR39	11.750	15-Aug-23	1.15	108.25	3.90%	4.22%	108.33	Fair
FR70	8.375	15-Mar-24	1.73	105.31	5.10%	4.90%	105.68	Fair
FR77	8.125	15-May-24	1.89	105.27	5.15%	5.07%	105.43	Fair
FR44	10.000	15-Sep-24	2.23	110.40	4.91%	5.39%	109.54	Premium
FR81	6.500	15-Jun-25	2.98	101.93	5.78%	5.94%	101.51	Fair
FR40	11.000	15-Sep-25	3.23	114.20	6.07%	6.08%	114.20	Fair
FR84	7.250	15-Feb-26	3.65	102.85	6.36%	6.28%	103.10	Fair
FR86	5.500	15-Jun-26	3.98	97.39	6.28%	6.42%	96.83	Fair
FR37	12.000	15-Sep-26	4.23	120.25	6.37%	6.50%	120.01	Fair
FR56	8.375	15-Sep-26	4.23	107.54	6.31%	6.50%	106.80	Fair
FR90	5.125	15-Apr-27	4.81	94.19	6.55%	6.68%	93.70	Fair
FR59	7.000	15-May-27	4.89	101.75	6.57%	6.70%	101.24	Fair
FR42	10.250	15-Jul-27	5.06	114.03	6.91%	6.74%	114.85	Fair
FR47	10.000	15-Feb-28	5.65	109.90	7.76%	6.86%	114.47	Discounted
FR64	6.125	15-May-28	5.89	96.01	6.96%	6.91%	96.26	Fair
FR71	9.000	15-Mar-29	6.73	109.13	6.32%	7.04%	110.37	Premium
FR78	8.250	15-May-29	6.89	105.21	7.27%	7.06%	106.41	Fair
FR52	10.500	15-Aug-30	8.15	117.00	7.61%	7.19%	120.10	Discounted
FR82	7.000	15-Sep-30	8.23	98.06	7.32%	7.20%	98.75	Fair
FR87	6.500	15-Feb-31	8.65	94.48	7.37%	7.24%	95.31	Fair
FR85	7.750	15-Apr-31	8.81	102.88	7.30%	7.25%	103.19	Fair
FR73	8.750	15-May-31	8.89	108.00	7.50%	7.26%	109.65	Fair
FR54	9.500	15-Jul-31	9.06	112.89	7.51%	7.27%	114.61	Fair
FR91	6.375	15-Apr-32	9.81	93.00	7.39%	7.32%	93.44	Fair
FR58	8.250	15-Jun-32	9.98	104.75	7.53%	7.33%	106.41	Fair
FR74	7.500	15-Aug-32	10.15	99.61	7.55%	7.34%	101.10	Fair
FR65	6.625	15-May-33	10.89	93.60	7.49%	7.38%	94.38	Fair
FR68	8.375	15-Mar-34	11.73	105.34	7.67%	7.42%	107.35	Fair
FR80	7.500	15-Jun-35	12.98	99.57	7.55%	7.47%	100.21	Fair
FR72	8.250	15-May-36	13.89	103.81	7.80%	7.50%	106.35	Fair
FR88	6.250	15-Jun-36	13.98	89.46	7.48%	7.51%	89.23	Fair
FR45	9.750	15-May-37	14.89	119.00	7.57%	7.53%	119.62	Fair
FR93	6.375	15-Jul-37	15.06	99.56	6.42%	7.54%	89.62	Premium
FR75	7.500	15-May-38	15.89	98.67	7.64%	7.56%	99.44	Fair
FR50	10.500	15-Jul-38	16.06	125.00	7.73%	7.56%	127.03	Fair
FR79	8.375	15-Apr-39	16.81	105.14	7.82%	7.58%	107.46	Fair
FR83	7.500	15-Apr-40	17.81	98.68	7.64%	7.60%	99.00	Fair
FR57	9.500	15-May-41	18.89	117.50	7.70%	7.62%	118.64	Fair
FR62	6.375	15-Apr-42	19.81	91.50	7.19%	7.64%	87.21	Premium
FR92	7.125	15-Jun-42	19.98	98.55	7.26%	7.64%	94.78	Premium
FR67	8.750	15-Feb-44	21.65	112.89	7.53%	7.66%	111.39	Fair
FR76	7.375	15-May-48	25.89	98.04	7.55%	7.71%	96.27	Fair
FR89	6.875	15-Aug-51	29.15	94.12	7.37%	7.74%	90.09	Premium

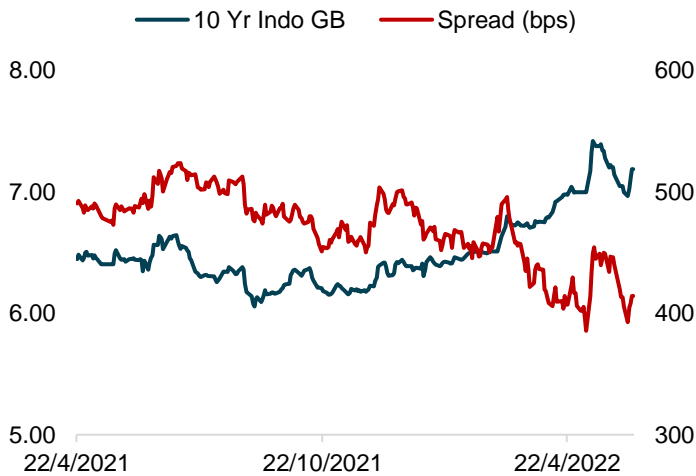
Source : Bloomberg, MNCS Calculation as of June 23, 2022

**Exhibit 6. Indo GB Yield Curve**



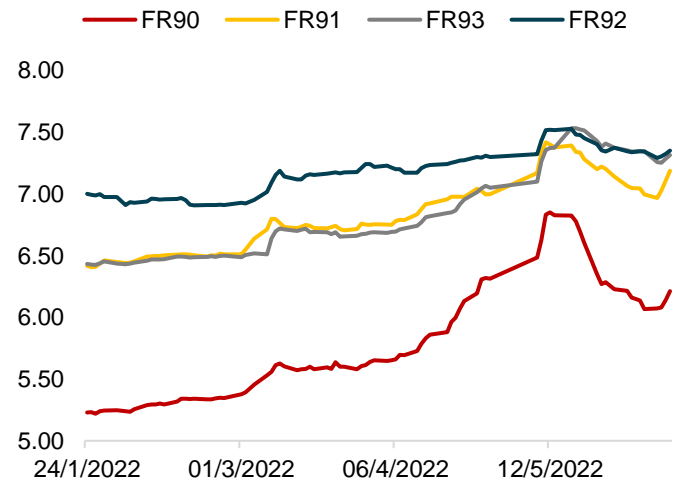
Source : Bloomberg, MNCS Calculation as of June 23, 2022

**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

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