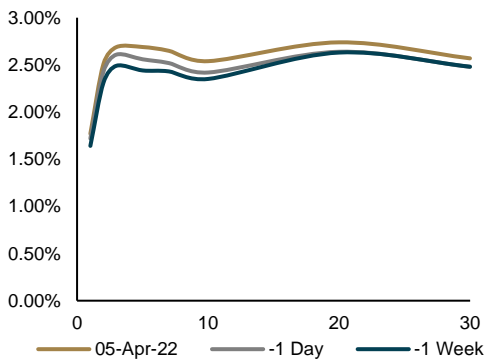


## Exhibit 1. U.S. Treasury Yield



Source : U.S Treasury Department

## Exhibit 2. Global Gov't Bond Yield

Countries	05-Apr-22	-1 Day	-1 Week
U.S	2.55%	2.40%	2.40%
U.K	1.65%	1.55%	1.64%
Germany	0.61%	0.50%	0.63%
Japan	0.21%	0.21%	0.25%
China	2.78%	2.78%	2.79%
Malaysia	3.93%	3.92%	3.94%
Thailand	2.34%	2.35%	2.42%

Source : Bloomberg

## Exhibit 3. Market Indicators

Indicators	Unit	Value
U.S. Treasury	%	2.44
Indo 5-Year CDS	bps	77.72
USD/IDR	points	14,347
BI 7DRR	%	3.50

Source : Bloomberg as of April 5, 2022

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## Global Market Update

- The 10-year UST yield rose to its highest level since May-19 to 2.55% on Tuesday (04/05/22).
- Meanwhile the 2-year counterpart rose to 2.52% and now the spread turned to +3bps after previously inverted.
- The move in US government bond market came after Fed's Governor Lael Brainard signaled more aggressive monetary tightening.
- Brainard said that US central bank need to reduce the size of its balance sheet at a rapid space and raising interest rate to fight against high inflation.
- US stock market tumbled after gaining in the last 2 days. DJI was down 0.8% while S&P 500 and Nasdaq Composite each fell by 1.3% and 2.3%.
- Meanwhile on the data front, US ISM non-manufacturing PMI rose to 58.3 in Mar-22, higher than in the previous month at 56.5 yet remained in line with consensus estimate.
- Elsewhere in Japan, the country reported Jibun Bank Composite PMI final reading at 50.3 in Mar-22 higher than previous month figure at 45.8 and higher than consensus estimate at 49.3.
- On the war development, Ukraine President addressed the UN Security Council to further investigate and prosecute Russian war crimes.

## Domestic Market Update

- Yield on 10-year Indo GB stayed flat at 6.74% on Tuesday (04/05/22).
- The IDR strengthened against USD to the level of IDR14,347/USD yesterday (vs IDR14,355/USD in the previous day).
- However, risk premium which is reflected by the 5-year Indo CDS rose to 77.72 bps (vs 76.63 bps in the previous day).
- Government has issued 6 series of sharia securities worth of IDR8.1tn yesterday. The total incoming bids were IDR18.1tn or higher than in previous auction at IDR13.4tn.
- However investors appetite remained toward shorter maturity fixed income asset as indicated by incoming bids to SPNS04102022 that reached IDR8.2tn yesterday.

## Market Projection

- Given the recent development on global and domestic market, we expect the 10 year Indo GB yield to keep steady within a range of 6.70-6.80% for today.
- Attractive Indo GB series to be traded today : FR0086, FR0090, FR000064, FR0078, FR0087, FR0091.

## Exhibit 4. 10 Year Indo GB Fair Yield



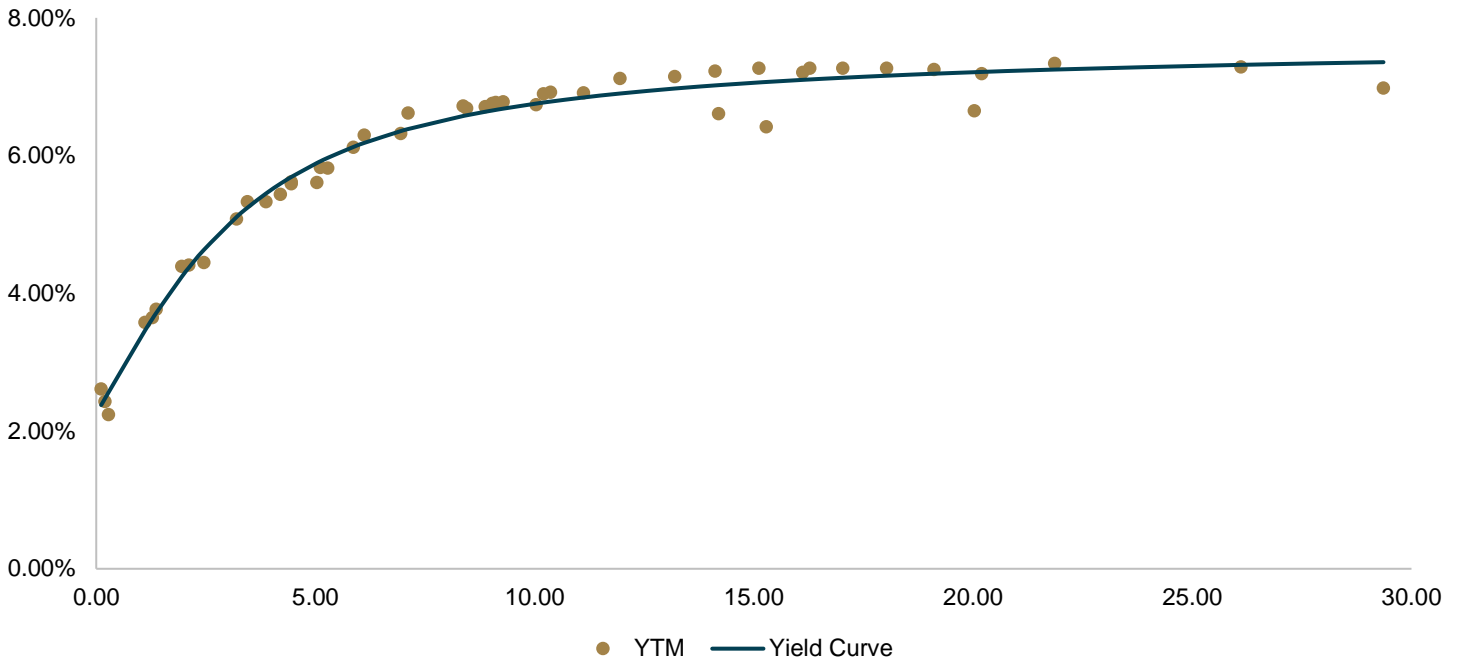
Source : Bloomberg, MNCS Calculation

## Exhibit 5. Indo GB Series Valuation

Series	Coupon (%)	Maturity	TTM (Yr)	Last Price	YTM (%)	Yield Curve (%)	Fair Price	Notes
FR61	7.000	15-May-22	0.11	100.45	2.61%	2.38%	100.50	Discounted
FR35	12.900	15-Jun-22	0.19	101.96	2.43%	2.47%	102.01	Fair
FR43	10.250	15-Jul-22	0.28	102.16	2.24%	2.56%	102.11	Premium
FR63	5.625	15-May-23	1.11	102.19	3.58%	3.46%	102.34	Fair
FR46	9.500	15-Jul-23	1.28	107.20	3.65%	3.63%	107.26	Fair
FR39	11.750	15-Aug-23	1.36	110.47	3.77%	3.71%	110.59	Fair
FR70	8.375	15-Mar-24	1.94	107.33	4.39%	4.24%	107.64	Fair
FR77	8.125	15-May-24	2.11	107.38	4.41%	4.37%	107.48	Fair
FR44	10.000	15-Sep-24	2.45	112.69	4.45%	4.63%	112.28	Fair
FR81	6.500	15-Jun-25	3.20	104.13	5.08%	5.10%	104.06	Fair
FR40	11.000	15-Sep-25	3.45	117.58	5.33%	5.24%	117.92	Fair
FR84	7.250	15-Feb-26	3.87	106.63	5.33%	5.45%	106.20	Fair
FR86	5.500	15-Jun-26	4.19	100.21	5.44%	5.59%	99.66	Fair
FR37	12.000	15-Sep-26	4.45	124.75	5.62%	5.69%	124.47	Fair
FR56	8.375	15-Sep-26	4.45	110.80	5.59%	5.69%	110.41	Fair
FR90	5.125	15-Apr-27	5.03	97.89	5.61%	5.89%	96.71	Premium
FR59	7.000	15-May-27	5.11	105.11	5.83%	5.91%	104.72	Fair
FR42	10.250	15-Jul-27	5.28	119.88	5.82%	5.97%	119.14	Fair
FR47	10.000	15-Feb-28	5.86	118.88	6.12%	6.12%	118.85	Fair
FR64	6.125	15-May-28	6.11	99.10	6.30%	6.18%	99.71	Fair
FR71	9.000	15-Mar-29	6.94	113.12	6.32%	6.35%	114.67	Fair
FR78	8.250	15-May-29	7.11	109.14	6.62%	6.38%	110.53	Discounted
FR52	10.500	15-Aug-30	8.36	123.87	6.72%	6.57%	124.95	Fair
FR82	7.000	15-Sep-30	8.45	101.99	6.69%	6.58%	102.67	Fair
FR87	6.500	15-Feb-31	8.87	98.63	6.71%	6.63%	99.11	Fair
FR85	7.750	15-Apr-31	9.03	106.59	6.76%	6.65%	107.36	Fair
FR73	8.750	15-May-31	9.11	113.32	6.77%	6.66%	114.09	Fair
FR54	9.500	15-Jul-31	9.28	118.50	6.78%	6.68%	119.26	Fair
FR91	6.375	15-Apr-32	10.03	97.39	6.74%	6.75%	97.28	Fair
FR58	8.250	15-Jun-32	10.20	109.75	6.90%	6.77%	110.78	Fair
FR74	7.500	15-Aug-32	10.36	104.25	6.92%	6.78%	105.27	Fair
FR65	6.625	15-May-33	11.11	97.83	6.91%	6.84%	98.33	Fair
FR68	8.375	15-Mar-34	11.94	109.95	7.12%	6.90%	111.87	Discounted
FR80	7.500	15-Jun-35	13.19	102.95	7.15%	6.97%	104.50	Fair
FR72	8.250	15-May-36	14.11	108.92	7.23%	7.02%	110.93	Discounted
FR88	6.250	15-Jun-36	14.20	96.74	6.61%	7.02%	93.14	Premium
FR45	9.750	15-May-37	15.11	122.50	7.27%	7.06%	124.74	Discounted
FR93	6.375	15-Jul-37	15.28	99.56	6.42%	7.07%	93.59	Premium
FR75	7.500	15-May-38	16.11	102.75	7.21%	7.10%	103.82	Fair
FR50	10.500	15-Jul-38	16.28	130.50	7.27%	7.10%	132.45	Fair
FR79	8.375	15-Apr-39	17.03	110.66	7.27%	7.13%	112.19	Fair
FR83	7.500	15-Apr-40	18.03	102.26	7.27%	7.16%	103.44	Fair
FR57	9.500	15-May-41	19.11	123.08	7.25%	7.19%	123.83	Fair
FR62	6.375	15-Apr-42	20.03	97.00	6.65%	7.21%	91.24	Premium
FR92	7.125	15-Jun-42	20.20	99.34	7.19%	7.21%	99.07	Fair
FR67	8.750	15-Feb-44	21.86	115.20	7.34%	7.25%	116.36	Fair
FR76	7.375	15-May-48	26.11	101.00	7.29%	7.31%	100.69	Fair
FR89	6.875	15-Aug-51	29.36	98.63	6.98%	7.35%	94.26	Premium

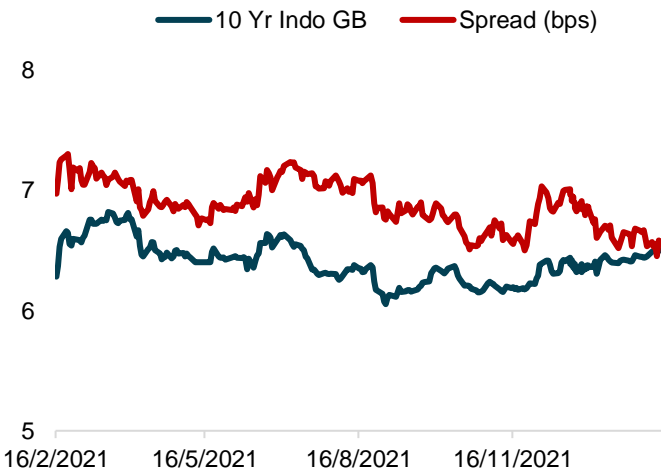
Source : Bloomberg, MNCS Calculation as of April 5, 2022

**Exhibit 6. Indo GB Yield Curve**



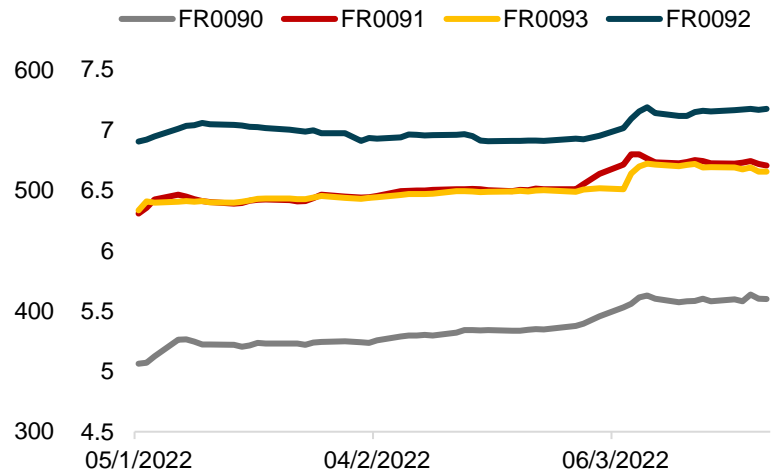
Source : Bloomberg, MNCS Calculation as of April 5, 2022

**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	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22
Bank	37.86	36	36.33	32.5	31.92	33.45	33.69	34.77	35.63	34.01	35.47	36.41
Central Bank (Nett)	10.65	12.77	11.99	15.93	16.08	14.78	14.87	13.52	13.10	17.13	15.20	14.04
Mutual Fund	3.92	3.81	3.06	3.16	3.18	3.20	3.28	3.31	3.42	3.38	3.20	3.17
Insurance & Pension Fund	14.08	14.14	14.44	14.24	14.59	14.45	14.40	14.61	14.44	14.00	14.52	14.66
Foreign	22.89	22.74	22.76	22.82	22.53	22.44	21.56	21.24	20.55	19.05	18.97	18.99
Individuals	4.56	4.49	4.61	4.49	4.64	4.46	4.94	5.04	5.08	4.73	4.83	4.81
Others	6.03	6.05	6.83	6.95	7.07	7.21	7.25	7.50	7.78	7.70	7.82	7.93

Source : DJPPR as of Feb 10, 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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