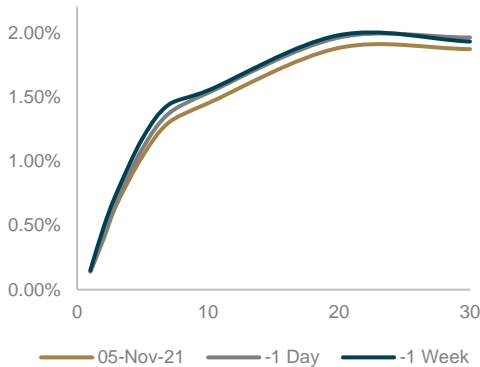


## Exhibit 1. U.S. Treasury Yield



Source : U.S Treasury Department

## Exhibit 2. Global Gov't Bond Yield

Country	05-Nov-21	-1 Day	-1 Week
U.S	1.45%	1.53%	1.55%
U.K	0.91%	1.04%	1.03%
Germany	-0.24%	-0.18%	-0.11%
Australia	1.81%	1.83%	2.09%
Japan	0.06%	0.07%	0.10%
China	2.89%	2.92%	2.97%
Malaysia	3.57%	3.62%	3.59%
Thailand	1.95%	1.94%	1.92%

Source : Bloomberg

## Exhibit 3. Market Indicators

Indicators	Unit	Value
U.S. Treasury	%	1.45
Indo 5-Year CDS	bps	81.50
USD/IDR	points	14,331
BI 7DRR	%	3.50

Source : Bloomberg as of November 5, 2021

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## Global Market Update

- The 10-year U.S. treasury yield plunged to 1.45% on Friday (11/05/21) even after the lowest jobless claims were reported. U.S. treasury yields fell 2-9 bps along the curve.
- U.S. stocks market closed at gain last Friday (11/05/21). DJI led as it jumped 0.56%, followed by S&P 500 and Nasdaq Composite which hiked 0.37% and 0.20% respectively.
- U.S. Non-Farm Payrolls increased 531,000 in Oct-21. The figure was higher than previous month at 312,000 and consensus expectation at 450,000.
- U.S. unemployment rate also dropped to 4.6% in the same period, lower than the previous month's at 4.8% and considered the lowest since the start of pandemic.
- Meanwhile Eurozone's retail sales recorded a fall of -0.3% MoM in Sep-21, primarily weighed down by arising of Covid-19 cases and lower consumers' confidence due to inflationary pressures. This figure was below the previous month's at 1% and market forecast of 0.3%.
- Elsewhere in China, an increase in trade surplus was shown in Oct-21 amounted to USD84.54bn, above the estimate of USD65.55bn and previous month figure at USD66.76bn.
- China's exports grew 27.1% YoY on the back of higher demand in shipments. Meanwhile imports rose slower at 20.6% YoY, primarily contributed by purchases of coal and natural gas.

## Domestic Market Update

- The 10-year rupiah denominated government bond yield slightly unchanged at 6.05% Friday (11/05/21). This is in line with our daily forecast range of 6.00%-6.10%.
- The value of rupiah slightly appreciated against at USD to IDR 14,331/USD last week. Meanwhile 5-year Indo CDS rose to 81.50 bps.
- Indonesia's GDP expanded 3.51% YoY in 3Q21, lower than our forecast and consensus estimate at 3.59% YoY/3.88% YoY due to the implementation of PPKM Darurat.
- Indonesia FX reserves stood at USD145.5bn in Oct-21. FX reserves position was lower than previous month of USD146.9bn. The decline was driven by government external debt payment.
- However FX reserves position remained adequate to support the external sector resilience and maintain macro and financial system stability
- As of November 5, vaccine jabs in Indonesia has hit >200mn doses. According to Ministry of Health data, government vaccination program coverage achieved 40% for full dose target and 60% for the 1st dose.

## Market Projection

- Given the drop in U.S. treasury yields , we expect the 10-year Indo GB to follow the suit and traded within range of 6.00% - 6.10% today (11/08/21).
- Attractive Indo GB series to be traded today : FR0086, FR0090, FR0071, FR0078, FR0087, FR0091, FR0068, FR0088, FR0083 and FR0092.

## Exhibit 4. 10 Year Indo GB Fair Yield



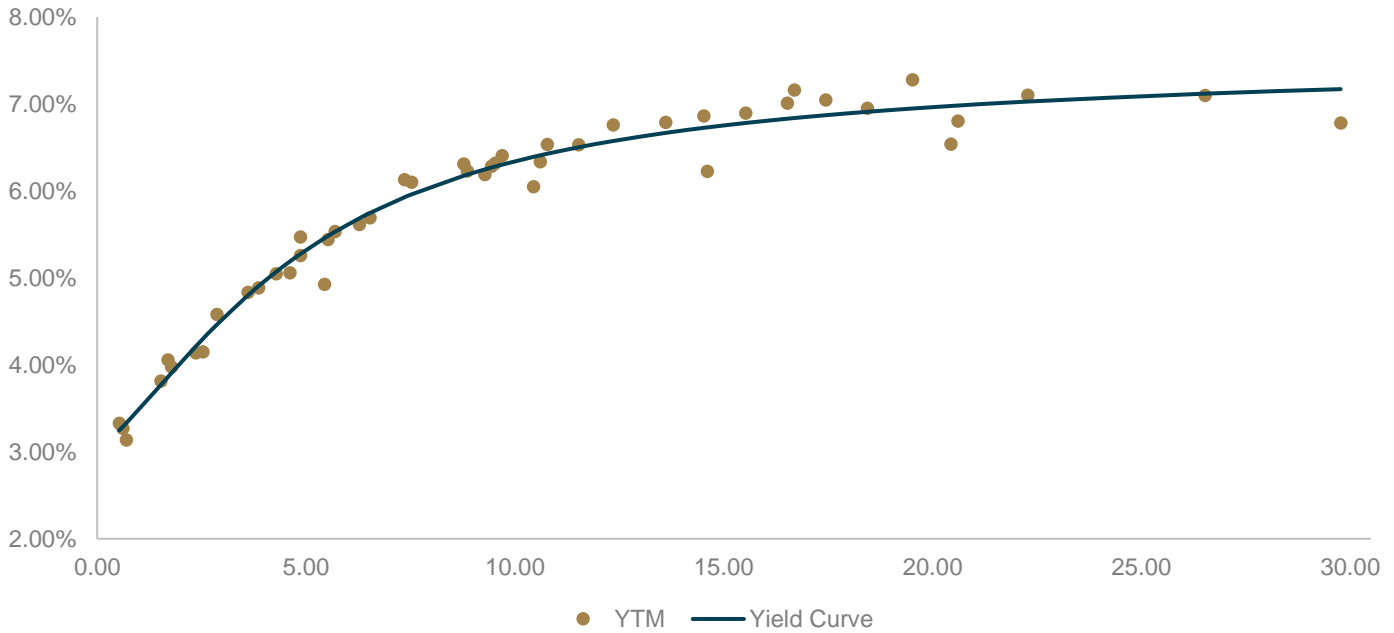
Source : Bloomberg, MNCS Calculation

## Exhibit 5. Indo GB Series Valuation

Series	Maturity	TTM	Last Price	YTM	Fair Yield	Fair Price	Valuation
FR61	15-May-22	0.52	101.86	3.33%	3.25%	101.95	Fair
FR35	15-Jun-22	0.61	105.65	3.27%	3.29%	105.74	Fair
FR43	15-Jul-22	0.69	104.77	3.14%	3.33%	104.69	Fair
FR63	15-May-23	1.52	102.64	3.81%	3.77%	102.73	Fair
FR46	15-Jul-23	1.69	108.75	4.06%	3.86%	109.15	Discounted
FR39	15-Aug-23	1.78	113.11	3.98%	3.90%	113.33	Fair
FR70	15-Mar-24	2.36	109.38	4.14%	4.21%	109.25	Fair
FR77	15-May-24	2.52	109.40	4.15%	4.30%	109.08	Fair
FR44	15-Sep-24	2.86	114.31	4.58%	4.46%	114.70	Fair
FR81	15-Jun-25	3.61	105.44	4.83%	4.80%	105.57	Fair
FR40	15-Sep-25	3.86	121.20	4.89%	4.90%	121.18	Fair
FR84	15-Feb-26	4.28	108.36	5.05%	5.07%	108.29	Fair
FR86	15-Jun-26	4.61	101.72	5.06%	5.19%	101.26	Fair
FR37	15-Sep-26	4.86	127.45	5.47%	5.27%	128.49	Discounted
FR56	15-Sep-26	4.86	113.15	5.26%	5.27%	113.13	Fair
FR90	15-Apr-27	5.44	100.93	4.93%	5.46%	98.45	Premium
FR59	15-May-27	5.52	107.33	5.44%	5.48%	107.16	Fair
FR42	15-Jul-27	5.69	122.70	5.54%	5.53%	122.78	Fair
FR47	15-Feb-28	6.28	122.88	5.62%	5.68%	122.50	Fair
FR64	15-May-28	6.52	102.33	5.69%	5.74%	102.05	Fair
FR71	15-Mar-29	7.36	116.76	6.13%	5.93%	118.11	Discounted
FR78	15-May-29	7.52	112.81	6.10%	5.96%	113.73	Fair
FR52	15-Aug-30	8.78	127.87	6.31%	6.17%	128.96	Fair
FR82	15-Sep-30	8.86	105.15	6.23%	6.19%	105.48	Fair
FR87	15-Feb-31	9.28	102.15	6.19%	6.25%	101.75	Fair
FR85	15-Apr-31	9.44	110.29	6.29%	6.27%	110.43	Fair
FR73	15-May-31	9.52	117.19	6.32%	6.28%	117.51	Fair
FR54	15-Jul-31	9.69	122.04	6.41%	6.30%	122.93	Fair
FR91	15-Apr-32	10.44	102.50	6.05%	6.39%	99.88	Premium
FR58	15-Jun-32	10.61	114.60	6.34%	6.41%	114.01	Fair
FR74	15-Aug-32	10.78	107.37	6.53%	6.43%	108.24	Fair
FR65	15-May-33	11.52	100.75	6.53%	6.50%	100.99	Fair
FR68	15-Mar-34	12.36	113.36	6.76%	6.57%	115.07	Fair
FR80	15-Jun-35	13.61	106.25	6.79%	6.67%	107.37	Fair
FR72	15-May-36	14.52	112.62	6.86%	6.72%	114.00	Fair
FR88	15-Jun-36	14.61	100.21	6.23%	6.73%	95.57	Premium
FR45	15-May-37	15.52	126.93	6.90%	6.78%	128.24	Fair
FR75	15-May-38	16.52	104.74	7.01%	6.83%	106.58	Fair
FR50	15-Jul-38	16.69	132.20	7.16%	6.84%	136.11	Discounted
FR79	15-Apr-39	17.44	113.22	7.05%	6.87%	115.16	Fair
FR83	15-Apr-40	18.44	105.65	6.95%	6.91%	106.11	Fair
FR57	15-May-41	19.52	123.00	7.28%	6.95%	127.06	Discounted
FR62	15-Apr-42	20.44	98.15	6.54%	6.98%	93.50	Premium
FR92	15-Jun-42	20.61	103.45	6.81%	6.98%	101.55	Fair
FR67	15-Feb-44	22.28	118.30	7.10%	7.03%	119.24	Fair
FR76	15-May-48	26.52	103.31	7.10%	7.12%	103.05	Fair
FR89	15-Aug-51	29.78	101.18	6.78%	7.17%	96.38	Premium

Source : Bloomberg, MNCS Calculation as of November 5, 2021

## Exhibit 6. Indo GB Yield Curve



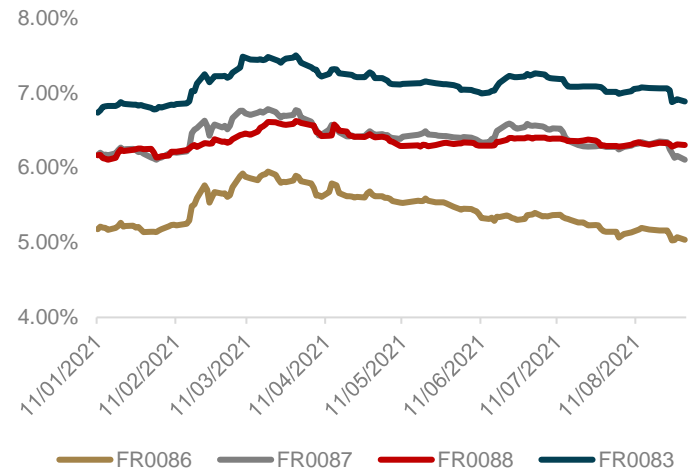
Source : Bloomberg, MNCS Calculation as of November 5, 2021

## 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	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21
Bank	37.96	37.09	37.86	36	36.33	32.5	31.92	33.45	33.69
Central Bank (Nett)	9.52	10.98	10.65	12.77	11.99	15.93	16.08	14.78	14.87
Mutual Fund	4.18	4.04	3.92	3.81	3.06	3.16	3.18	3.20	3.28
Insurance & Pension Fund	14.04	14.01	14.08	14.14	14.44	14.24	14.59	14.45	13.34
Foreign	24.86	23.81	22.89	22.74	22.76	22.82	22.53	22.44	21.56
Individuals	3.51	4.11	4.56	4.49	4.61	4.49	4.64	4.46	4.94
Others	5.93	5.97	6.03	6.05	6.83	6.95	7.07	7.21	8.31

Source : DJPPR as of September 30, 2021

## 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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