# Economics Weekly January 3, 2014

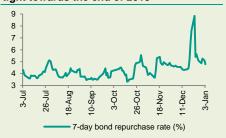
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## Exhibit 1: SHIBOR showed interbank market liquidity tightened by the end of 2013 (%)



Exhibit 2: Short-term liquidity remained tight towards the end of 2013



Source(s): Bloomberg, ABCI Securities

## Exhibit 3: PBOC has maintained its prudent policy stance



operations (RMB bn)

Source(s): Bloomberg, ABCI Securities

### **New liquidity dynamics in China**

Recent volatility of the SHIBOR and spike in the 7-day bond repurchase rate reflected a tightening liquidity in China. The PBOC conducted emergency measures, which included selling RMB 29 billion worth of 7-day reverse repo agreements and introducing short-term liquidity operations (SLO) of RMB 300 billion. The liquidity tension was soon alleviated. Nonetheless, we believe that liquidity will continue to be tight in the following weeks as the Spring Festival approaches. In the long term, the Fed's QE tapering, financial market reform, and PBOC's prudent police stance will exert various impacts on China's financial system, creating new liquidity dynamics in the country.

Recent pressure has lessened, but liquidity may be tightened again in near term. Several factors contributed to the liquidity squeeze in December 2013: rising demand for funds to enhance the banks' financial positions by the end of the year, maturities of wealth management products offered by banks, and reduction of liquidity injection from the fiscal front. Although the tension has been eased temporarily, we expect demand for cash will surge as the Spring Festival approaches, reducing bank deposits and driving up the short-term interbank borrowing rates. Yet, we believe the impact will be limited to increased volatility in the short-term borrowing rates. Systemic risk, on the other hand, is unlikely to rise.

External markets add pressure to China's financial system. As the Fed winds down its QE program and hence, scales back its asset purchase, the yield curve is likely to be pushed up and the impact will eventually be felt in the Chinese market. Moreover, the Fed's tapering is causing reversals in fund flows in emerging Asia, and part of the funds withdrawn is being redirected to other parts of Asia, such as Hong Kong, Japan and China. Thus, we believe the Chinese government will maintain a prudent monetary policy and adopt a flexible management approach to reduce the impact of subsequent hot money inflow.

Financial market reforms and the PBOC's prudent approach will change the liquidity dynamics. The pledge to reform opens a new chapter in China's economic development. As part of the reform, liberalizing the financial market will bring about new players and products, such as investment platforms developed by nonfinancial institutions. This will dilute market shares of commercial banks in consumer deposits. Other financial reforms, including the removal of deposit rate ceiling and establishment of market-driven interest rate mechanism, will also introduce more competition into the consumer deposit business. On the other hand, the PBOC's policy stance at present tilts towards tightening, augmenting the government's effort to reduce leverage in the financial system as well as curbing excessive shadow banking activities. Since deleveraging and prudent policies are the major themes of the latest economic restructuring, we expect a tightened liquidity situation to sustain in the mediumterm.



			Chi	na Ecor	nomic I	ndicat	ors						
	2012						2013						
	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec*
Real GDP (YoY%)	7.9			7.7			7.5			7.8			7.6
Export Growth (YoY%)	14.1	25.0	21.8	10.0	14.7	1.0	(3.1)	5.1	7.2	(0.3)	5.6	12.7	5.8
Import Growth (YoY%)	6	28.8	(15.2)	14.1	16.8	(0.3)	(0.7)	10.9	7.0	7.4	7.6	5.3	6.5
Trade Balance (USD/bn)	31.6	29.2	15.3	(0.9)	18.2	20.4	27.1	17.8	28.5	15.2	31.1	33.8	32.3
Retail Sales Growth (YoY%)	15.2		12.3	12.6	12.8	12.9	13.3	13.2	13.4	13.3	13.3	13.7	13.7
Industrial Production (YoY%)	10.3		9.9	8.9	9.3	9.2	8.9	9.7	10.4	10.2	10.3	10.0	9.9
PMI - Manufacturing (%)	50.6	50.4	50.1	50.9	50.6	50.8	50.1	50.3	51.0	51.1	51.4	51.4	51.0
PMI - Non-manufacturing (%)	56.1	56.2	54.5	55.6	54.5	54.3	53.9	54.1	53.9	55.4	56.3	56.0	54.6
FAI(YTD) (YoY%)	20.6		21.2	20.9	20.6	20.4	20.1	20.1	20.3	20.2	20.1	19.9	20.0
CPI (YoY%)	2.4	2.0	3.2	2.1	2.4	2.1	2.7	2.7	2.6	3.1	3.2	3.0	3.0
PPI (YoY%)	(1.9)	(1.6)	(1.6)	(1.9)	(2.6)	(2.9)	(2.7)	(2.3)	(1.6)	(1.3)	(1.5)	(1.4)	(1.3)
M2(YoY%)	13.8	15.9	15.2	15.7	16.1	15.8	14.0	14.5	14.7	14.2	14.3	14.2	14.0
New Lending (RMB/bn)	454.3	1070.0	620.0	1060.0	792.9	667.4	860.5	699.9	711.3	787.0	506.1	624.6	550

World Economic/Financial Indicators

<sup>\*</sup> Forecase (excluding PMI - Manufacturing and PMI - Non-manufacturing); Real GDP is for 2013

Closing price   VTD (%)   P/E						
DJIA   16,441.35   (0.22)   15.90	E	Equity Indi	ces			
DJIA         16,441.35         (0.22)         15.90           S&P 500         1,831.98         (0.51)         17.29           NASDAQ         4,143.07         (0.33)         26.24           MSCI US         1,752.57         (0.50)         17.46           Europe           FTSE 100         6,710.83         (0.59)         16.54           DAX         9,398.48         (1.99)         15.98           CAC40         4,236.79         (0.96)         18.15           IBEX 35         9,748.10         (1.54)         66.28           FTSE MIB         19,018.10         0.32         219.6           Stoxx 600         325.87         (0.55)         21.52           MSCI UK         1,982.87         (0.51)         16.50           MSCI France         118.15         (1.01)         23.17           MSCI Germany         129.19         (1.87)         15.63           MSCI Italy         54.25         (0.18)         99.74           Asia           NIKKEI 225         16,291.31         0.69         23.54           S&P/ASX 200         5,350.10         0.49         21.94           HSI         10,436.76		-		P/E		
S&P 500         1,831.98         (0.51)         17.29           NASDAQ         4,143.07         (0.33)         26.24           MSCI US         1,752.57         (0.50)         17.46           Europe           FTSE 100         6,710.83         (0.59)         16.54           DAX         9,398.48         (1.99)         15.98           CAC40         4,236.79         (0.96)         18.15           IBEX 35         9,748.10         (1.54)         66.28           FTSE MIB         19,018.10         0.32         219.6           Stoxx 600         325.87         (0.55)         21.52           MSCI UK         1,982.87         (0.51)         16.50           MSCI France         118.15         (1.01)         23.17           MSCI Germany         129.19         (1.87)         15.63           MSCI Italy         54.25         (0.18)         99.74           Asia           NIKKEI 225         16,291.31         0.69         23.54           S&P/ASX 200         5,350.10         0.49         21.94           HSI         22,817.28         (1.83)         10.35           HSCEI         10,436.7		U.S.				
NASDAQ         4,143.07         (0.33)         26.24           MSCI US         1,752.57         (0.50)         17.46           Europe           FTSE 100         6,710.83         (0.59)         16.54           DAX         9,398.48         (1.99)         15.98           CAC40         4,236.79         (0.96)         18.15           IBEX 35         9,748.10         (1.54)         66.28           FTSE MIB         19,018.10         0.32         219.6           Stoxx 600         325.87         (0.55)         21.52           MSCI UK         1,982.87         (0.51)         16.50           MSCI France         118.15         (1.01)         23.17           MSCI Germany         129.19         (1.87)         15.63           MSCI Italy         54.25         (0.18)         99.74           Asia           NIKKEI 225         16,291.31         0.69         23.54           S&P/ASX 200         5,350.10         0.49         21.94           HSI         22,817.28         (1.83)         10.35           HSCEI         10,436.76         (3.63)         7.74           CSI300         2,290.78         (0.55)	DJIA	16,441.35	(0.22)	15.90		
MSCI US         1,752.57         (0.50)         17.46           Europe           FTSE 100         6,710.83         (0.59)         16.54           DAX         9,398.48         (1.99)         15.98           CAC40         4,236.79         (0.96)         18.15           IBEX 35         9,748.10         (1.54)         66.28           FTSE MIB         19,018.10         0.32         219.6           Stoxx 600         325.87         (0.55)         21.52           MSCI UK         1,982.87         (0.51)         16.50           MSCI France         118.15         (1.01)         23.17           MSCI Germany         129.19         (1.87)         15.63           MSCI Italy         54.25         (0.18)         99.74           Asia           NIKKEI 225         16,291.31         0.69         23.54           S&P/ASX 200         5,350.10         0.49         21.94           HSI         22,817.28         (1.83)         10.35           HSCEI         10,436.76         (3.63)         7.74           CSI300         2,290.78         (0.55)         10.94           SSE	S&P 500	1,831.98	(0.51)	17.29		
Europe  FTSE 100 6,710.83 (0.59) 16.54  DAX 9,398.48 (1.99) 15.98  CAC40 4,236.79 (0.96) 18.15  IBEX 35 9,748.10 (1.54) 66.28  FTSE MIB 19,018.10 0.32 219.6  Stoxx 600 325.87 (0.55) 21.52  MSCI UK 1,982.87 (0.51) 16.50  MSCI France 118.15 (1.01) 23.17  MSCI Germany 129.19 (1.87) 15.63  MSCI Italy 54.25 (0.18) 99.74  Asia  NIKKEI 225 16,291.31 0.69 23.54  S&P/ASX 200 5,350.10 0.49 21.94  HSI 22,817.28 (1.83) 10.35  HSCEI 10,436.76 (3.63) 7.74  CSI300 2,290.78 (0.55) 10.94  SSE Composite 2,083.14 (0.86) 10.46  SZSE Composite 1,065.69 1.41 29.03  MSCI China 63.09 0.02 9.96  MSCI Hong Kong 12,296.60 1.06 11.14	NASDAQ	4,143.07	(0.33)	26.24		
FTSE 100         6,710.83         (0.59)         16.54           DAX         9,398.48         (1.99)         15.98           CAC40         4,236.79         (0.96)         18.15           IBEX 35         9,748.10         (1.54)         66.28           FTSE MIB         19,018.10         0.32         219.6           Stoxx 600         325.87         (0.55)         21.52           MSCI UK         1,982.87         (0.51)         16.50           MSCI France         118.15         (1.01)         23.17           MSCI Germany         129.19         (1.87)         15.63           MSCI Italy         54.25         (0.18)         99.74           Asia           NIKKEI 225         16,291.31         0.69         23.54           S&P/ASX 200         5,350.10         0.49         21.94           HSI         22,817.28         (1.83)         10.35           HSCEI         10,436.76         (3.63)         7.74           CSI300         2,290.78         (0.55)         10.94           SSE         2,083.14         (0.86)         10.46           SZSE         1,065.69         1.41         29.03	MSCI US	1,752.57	(0.50)	17.46		
DAX         9,398.48         (1.99)         15.98           CAC40         4,236.79         (0.96)         18.15           IBEX 35         9,748.10         (1.54)         66.28           FTSE MIB         19,018.10         0.32         219.6           Stoxx 600         325.87         (0.55)         21.52           MSCI UK         1,982.87         (0.51)         16.50           MSCI France         118.15         (1.01)         23.17           MSCI Germany         129.19         (1.87)         15.63           MSCI Italy         54.25         (0.18)         99.74           Asia           NIKKEI 225         16,291.31         0.69         23.54           S&P/ASX 200         5,350.10         0.49         21.94           HSI         22,817.28         (1.83)         10.35           HSCEI         10,436.76         (3.63)         7.74           CSI300         2,290.78         (0.55)         10.94           SSE         2,083.14         (0.86)         10.46           SZSE         1,065.69         1.41         29.03           MSCI China         63.09         0.02         9.96		Europe				
CAC40         4,236.79         (0.96)         18.15           IBEX 35         9,748.10         (1.54)         66.28           FTSE MIB         19,018.10         0.32         219.6           Stoxx 600         325.87         (0.55)         21.52           MSCI UK         1,982.87         (0.51)         16.50           MSCI France         118.15         (1.01)         23.17           MSCI Germany         129.19         (1.87)         15.63           MSCI Italy         54.25         (0.18)         99.74           Asia           NIKKEI 225         16,291.31         0.69         23.54           S&P/ASX 200         5,350.10         0.49         21.94           HSI         22,817.28         (1.83)         10.35           HSCEI         10,436.76         (3.63)         7.74           CSI300         2,290.78         (0.55)         10.94           SSE         2,083.14         (0.86)         10.46           SZSE         1,065.69         1.41         29.03           MSCI China         63.09         0.02         9.96           MSCI Hang         12,296.60         1.06         11.14	FTSE 100	6,710.83	(0.59)	16.54		
IBEX 35         9,748.10         (1.54)         66.28           FTSE MIB         19,018.10         0.32         219.6           Stoxx 600         325.87         (0.55)         21.52           MSCI UK         1,982.87         (0.51)         16.50           MSCI France         118.15         (1.01)         23.17           MSCI Germany         129.19         (1.87)         15.63           MSCI Italy         54.25         (0.18)         99.74           Asia           NIKKEI 225         16,291.31         0.69         23.54           S&P/ASX 200         5,350.10         0.49         21.94           HSI         22,817.28         (1.83)         10.35           HSCEI         10,436.76         (3.63)         7.74           CSI300         2,290.78         (0.55)         10.94           SSE Composite         2,083.14         (0.86)         10.46           SZSE Composite         1,065.69         1.41         29.03           MSCI China         63.09         0.02         9.96           MSCI Hong Kong         12,296.60         1.06         11.14	DAX	9,398.48	(1.99)	15.98		
FTSE MIB         19,018.10         0.32         219.6           Stoxx 600         325.87         (0.55)         21.52           MSCI UK         1,982.87         (0.51)         16.50           MSCI France         118.15         (1.01)         23.17           MSCI Germany         129.19         (1.87)         15.63           MSCI Italy         54.25         (0.18)         99.74           Asia           NIKKEI 225         16,291.31         0.69         23.54           S&P/ASX 200         5,350.10         0.49         21.94           HSI         22,817.28         (1.83)         10.35           HSCEI         10,436.76         (3.63)         7.74           CSI300         2,290.78         (0.55)         10.94           SSE         2,083.14         (0.86)         10.46           SZSE         Composite         1,065.69         1.41         29.03           MSCI China         63.09         0.02         9.96           MSCI Hang         12,296.60         1.06         11.14	CAC40	4,236.79	(0.96)	18.15		
Stoxx 600         325.87 (0.55)         21.52           MSCI UK         1,982.87 (0.51)         16.50           MSCI France         118.15 (1.01)         23.17           MSCI Germany         129.19 (1.87)         15.63           MSCI Italy         54.25 (0.18)         99.74           Asia           NIKKEI 225         16,291.31 (0.69)         23.54           S&P/ASX 200         5,350.10 (0.49)         21.94           HSI         22,817.28 (1.83)         10.35           HSCEI         10,436.76 (3.63)         7.74           CSI300         2,290.78 (0.55)         10.94           SSE Composite         2,083.14 (0.86)         10.46           SZSE Composite         1,065.69         1.41 (29.03)           MSCI China         63.09 (0.02)         9.96           MSCI China         12,296.60         1.06 (1.06)         11.14	IBEX 35	9,748.10	(1.54)	66.28		
MSCI UK         1,982.87 (0.51)         16.50           MSCI France         118.15 (1.01)         23.17           MSCI Germany         129.19 (1.87)         15.63           MSCI Italy         54.25 (0.18)         99.74           Asia           NIKKEI 225 16,291.31 0.69 23.54           S&P/ASX 200 5,350.10 0.49 21.94           HSI 22,817.28 (1.83) 10.35           HSCEI 10,436.76 (3.63) 7.74           CSI300 2,290.78 (0.55) 10.94           SSE Composite         2,083.14 (0.86) 10.46           SZSE Composite         1,065.69 1.41 29.03           MSCI China 63.09 0.02 9.96           MSCI China Kong 12,296.60 1.06 11.14	FTSE MIB	19,018.10	0.32	219.6		
MSCI France         118.15         (1.01)         23.17           MSCI Germany         129.19         (1.87)         15.63           MSCI Italy         54.25         (0.18)         99.74           Asia           NIKKEI 225         16,291.31         0.69         23.54           S&P/ASX 200         5,350.10         0.49         21.94           HSI         22,817.28         (1.83)         10.35           HSCEI         10,436.76         (3.63)         7.74           CSI300         2,290.78         (0.55)         10.94           SSE Composite         2,083.14         (0.86)         10.46           SZSE Composite         1,065.69         1.41         29.03           MSCI China         63.09         0.02         9.96           MSCI Hand         12,296.60         1.06         11.14	Stoxx 600	325.87	(0.55)	21.52		
MSCI Germany 129.19 (1.87) 15.63 MSCI Haly 54.25 (0.18) 99.74 Asia  NIKKEI 225 16,291.31 0.69 23.54 S&P/ASX 200 5,350.10 0.49 21.94 HSI 22,817.28 (1.83) 10.35 HSCEI 10,436.76 (3.63) 7.74 CSI300 2,290.78 (0.55) 10.94 SSE Composite 2,083.14 (0.86) 10.46 SZSE Composite 1,065.69 1.41 29.03 MSCI China 63.09 0.02 9.96 MSCI China 12,296.60 1.06 11.14	MSCI UK	1,982.87	(0.51)	16.50		
Germany         129.19         (1.87)         15.63           MSCI Italy         54.25         (0.18)         99.74           Asia           NIKKEI 225         16,291.31         0.69         23.54           S&P/ASX 200         5,350.10         0.49         21.94           HSI         22,817.28         (1.83)         10.35           HSCEI         10,436.76         (3.63)         7.74           CSI300         2,290.78         (0.55)         10.94           SSE Composite         2,083.14         (0.86)         10.46           SZSE Composite         1,065.69         1.41         29.03           MSCI China         63.09         0.02         9.96           MSCI Hong Kong         12,296.60         1.06         11.14	MSCI France	118.15	(1.01)	23.17		
Asia           NIKKEI 225         16,291.31         0.69         23.54           S&P/ASX 200         5,350.10         0.49         21.94           HSI         22,817.28         (1.83)         10.35           HSCEI         10,436.76         (3.63)         7.74           CSI300         2,290.78         (0.55)         10.94           SSE Composite         2,083.14         (0.86)         10.46           SZSE Composite         1,065.69         1.41         29.03           MSCI China         63.09         0.02         9.96           MSCI Hong Kong         12,296.60         1.06         11.14		129.19	(1.87)	15.63		
NIKKEI 225         16,291.31         0.69         23.54           S&P/ASX 200         5,350.10         0.49         21.94           HSI         22,817.28         (1.83)         10.35           HSCEI         10,436.76         (3.63)         7.74           CSI300         2,290.78         (0.55)         10.94           SSE Composite         2,083.14         (0.86)         10.46           SZSE Composite         1,065.69         1.41         29.03           MSCI China         63.09         0.02         9.96           MSCI Hong Kong         12,296.60         1.06         11.14	MSCI Italy	54.25	(0.18)	99.74		
S&P/ASX 200         5,350.10         0.49         21.94           HSI         22,817.28         (1.83)         10.35           HSCEI         10,436.76         (3.63)         7.74           CSI300         2,290.78         (0.55)         10.94           SSE Composite         2,083.14         (0.86)         10.46           SZSE Composite         1,065.69         1.41         29.03           MSCI China         63.09         0.02         9.96           MSCI Hong Kong         12,296.60         1.06         11.14						
HSI         22,817.28         (1.83)         10.35           HSCEI         10,436.76         (3.63)         7.74           CSI300         2,290.78         (0.55)         10.94           SSE Composite         2,083.14         (0.86)         10.46           SZSE Composite         1,065.69         1.41         29.03           MSCI China         63.09         0.02         9.96           MSCI Hong Kong         12,296.60         1.06         11.14	NIKKEI 225	16,291.31	0.69	23.54		
HSCEI         10,436.76         (3.63)         7.74           CSI300         2,290.78         (0.55)         10.94           SSE Composite         2,083.14         (0.86)         10.46           SZSE Composite         1,065.69         1.41         29.03           MSCI China         63.09         0.02         9.96           MSCI Hong Kong         12,296.60         1.06         11.14	S&P/ASX 200	5,350.10	0.49	21.94		
CSI300         2,290.78         (0.55)         10.94           SSE Composite         2,083.14         (0.86)         10.46           SZSE Composite         1,065.69         1.41         29.03           MSCI China         63.09         0.02         9.96           MSCI Hong Kong         12,296.60         1.06         11.14	HSI	22,817.28	3 (1.83)	10.35		
SSE Composite         2,083.14         (0.86)         10.46           SZSE Composite         1,065.69         1.41         29.03           MSCI China         63.09         0.02         9.96           MSCI Hong Kong         12,296.60         1.06         11.14	HSCEI	10,436.76	(3.63)	7.74		
Composite         2,083.14         (0.86)         10.46           SZSE Composite         1,065.69         1.41         29.03           MSCI China         63.09         0.02         9.96           MSCI Hong Kong         12,296.60         1.06         11.14	CSI300	2,290.78	3 (0.55)	10.94		
Composite         1,065.69         1.41         29.03           MSCI China         63.09         0.02         9.96           MSCI Hong Kong         12,296.60         1.06         11.14		2,083.14	1 (0.86)	10.46		
MSCI Hong Kong 12,296.60 1.06 11.14		1,065.69	9 1.41	29.03		
Hong Kong 12,296.60 1.06 11.14	MSCI China	63.09	0.02	9.96		
MSCI Japan 806.64 0.91 17.34		12,296.60	1.06	11.14		
	MSCI Japan	806.64	0.91	17.34		

	Global Cor	nmodities	;		
	Unit	Price	Chg. WTD (%)	Volume (5- day avg.)	
	Ene	rgy			
NYMEX WTI	USD/bbl	95.53	(4.77)	135,275	
ICE Brent Oil	USD/bbl	108.30	(3.46)	113,446	
NYMEX Natural Gas	USD/MMBtu	4.32	(2.04)	68,145	
Australia Newcastle Steam Coal Spot fob <sup>2</sup>	USD/Metric Tonne	84.60	N/A	N/A	
	Basic I	/letals			
LME Aluminum Cash	USD/MT	1,758.00	(0.34)	19,544	
LME Aluminum 3 -mth. Rolling Fwd.	USD/MT	1,803.00	(0.39)	20,374	
CMX Copper Active	USD/lb.	335.20	(0.97)	30,259	
LME Copper 3- mth Rolling Fwd.	USD/MT	7,393.00	0.15	32,468	
TSI CFR China Iron Ore Fines Index <sup>3</sup>	USD	135.00	0.75	N/A	
	Precious	Metals			
CMX Gold	USD/T. oz	1,232.70	1.54	95,682	
CMX Silver	USD/T. oz	20.18	0.65	32,041	
NYMEX Platinum	USD/T. oz	1,407.50	2.07	8,936	
	Agricultura	I Products	S		
CBOT Corn	USD/bu	421.75	(1.35)	79,834	
CBOT Wheat	USD/bu	600.00	(1.48)	26,349	
NYB-ICE Sugar	USD/lb.	16.24	(1.16)	23,343	
CBOT Soybeans	USD/bu.	1,293.00	(2.89)	33,038	

Bond Yields 8	& Key Ra	ites
	Yield (%)	Chg. WTD
US Fed Fund Rate	0.25	0.00
US Prime Rate	3.25	0.00
US Discount Window	0.75	0.00
US Treasury (1 Mth)	0.0051	0.51
US Treasury (5 Yr)	1.7036	(3.06)
US Treasury (10 Yr)	2.9743	(2.57)
Japan 10-Yr Gov. Bond	0.7410	3.50
China 10-Yr Gov. Bond	4.6200	3.00
ECB Rate (Refinancing)	0.25	0.00
1-Month LIBOR	0.1683	(0.07)
3 Month LIBOR	0.2429	(0.38)
O/N SHIBOR	3.0060	(50.7)
1-mth SHIBOR	6.2010	(29.1)
3-mth HIBOR	0.3800	0.29
Corporate Bonds	(Moody	s)
Aaa	4.57	0.00
Baa	5.37	(2.00)

#### Note:

- Data sources: Bloomberg Finance LP, National Bureau of Statistics of China, ABCIS (updated on date of report)
- Australia Newcastle Steam
   Coal Spot fob is the Australia
   Newcastle 6700 kc GAD fob
   Steam Coal Spot price
   published by McCloskey
- 3. TSI CFR China Iron Ore Fines Index is calculated with the 62% Fe specification, spot price

				Curre	ncy			
	Euro/USD	GBP/USD	AUD/USD	USD/JPY	USD/CHF	USD/CNY	USD/HKD	USD/CNY NDF 12-Mth
Spot Rate	1.3635	1.6454	0.8989	104.25	0.9013	6.0517	7.7542	6.1165
Chg. WTD (%)	(0.83)	(0.18)	1.34	0.88	(1.09)	0.29	0.01	0.26



#### **Disclosures**

#### **Analyst Certification**

We, Lam Chiu Kei, Banny, and PAN Hongxing, Paul, being the persons primarily responsible for the content of this research report, in whole or in part, hereby certify that all of the views expressed in this report accurately reflect our personal view about the subject company or companies and its or their securities. We also certify that no part of our compensation was, is, or will be, directly or indirectly, related to the specific recommendations or views expressed in this report. We and/or our associates have no financial interests in relation to any listed company (ies) covered in this report, and we and/or our associates do not serve as officer(s) of any listed company (ies) covered in this report.

#### **Definition of equity rating**

Rating	Definition
Buy	Stock return ≥ Market return rate
Hold	Market return – 6% ≤ Stock return < Market return rate
Sell	Stock return < Market return – 6%

Stock return is defined as the expected % change of share price plus gross dividend yield over the next 12 months

Market return: 5-year average market return rate from 2007-2011

Time horizon of share price target: 12-month

#### Definition of share price risk

Rating	Definition
Very high	2.6 ≤180 day volatility/180 day benchmark index volatility
High	1.5 ≤ 180 day volatility/180 day benchmark index volatility < 2.6
Medium	1.0 ≤180 day volatility/180 day benchmark index volatility < 1.5
Low	180 day volatility/180 day benchmark index volatility < 1.0

We measure share price risk by its volatility relative to volatility of benchmark index. Benchmark index: Hang Seng Index.

Volatility is calculated from the standard deviation of day to day logarithmic historic price change. The 180-day price volatility equals the annualized standard deviation of the relative price change for the 180 most recent trading days closing price.

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