Bedrock Newsletter Friday, July 10th 2015

It is Friday, at last. A strange week in the markets, marked by bursts of volatility in certain asset classes and regions. Greek stories were hovering over sudden and huge selloffs in Chinese equities which in-turn caused some scary drops in oil and iron commodities, some rather disturbing intra-day gyrations in US and European equity indices. Unnerving... We do observe that the main drivers for these movements have subsided into Friday - The Greeks have presented their creditors and the world with a compromise package of budgets, expenses and a request for yet another chunk of money. The Chinese government has announced a series of measures to calm their stock-markets, Yellen spoke and presented the minutes of the FOMC meeting, John Kerry extended yet again the latest deadline for the nuclear negotiations with Iran. Oh yes, we didn't get any nasty images or reports on ISIS, Yemen, Iraq or Syria for a while (or were they hidden behind the other headlines?). Perhaps we are now set for a quiet "next week"?

We have made an un-scientific observation about volatility which we feel could be of interest - it is as if the world requires a certain fixed amount of volatility across all asset classes in order to maintain its spin. We started the year with a huge drop in oil and other commodities. These jumped around till March. At the same time, bonds and equities were stable from a volatility perspective. Currencies started to jump around as commodities stabilized and as we got huge movements in the bond markets whilst the VIX remained low and stable. Then in June the bonds stabilized at new levels, currencies steadied as commodities traded in tight bands and equities started to show signs of nervousness. Amazingly, as the Greek saga intensified, even the Euro-US Dollar exchange was trading in a tight range. Into July, every market was steady except for equities. This last week has been horrendous for equity-volatility, seeing the VIX close Thursday trading at 20! (It had been at 12 just one week ago). Well, if our observation of this fixed quant of volatility is true, then we can expect the VIX to settle at this or some other level, hold steady and we will see a spike in some other market's volatility. Our best guess is that the next sector to become volatile might be the FX world. Is this financial acne?

Well, Q2 earnings season has started with Alcoa reporting a beat on revenues and a small miss on EPS. We do expect the earnings to be the driver for the next moves in equities. If recent quarters are to be our lantern, we expect these to beat expectations and therefore have an upwards direction for the broad US indices. At the same time, with the ECB's success in driving down the Euro, we are seeing data indicating significant economic improvement in Euro-zone economics in spite of Greek wobbles. So yes, our outlook for European equities remains positive and may well further surprize us on the up-side!

Oil appears to have stabilized after some wicked drops (as much as 8% on Monday!) and WTI seems happy to trade at \$53 or so, now that the Chinese equities appear to have bottomed. Kent Moors, executive chair of Money Map Global Energy Symposium, said Monday "... oil prices to hit between \$75 and \$85 a barrel by the end of the year. Demand, when all is said and done, for this year will come in higher than at any point OPEC or IEA has ever calculated!" He also said "Oil falling on news related to the nuclear deal is a perceptual thing, but it has no substance." Moors is not alone with this view - energy entrepreneur Boone Pickens is sticking to his prediction that oil will hit \$70 a barrel by the end of the year despite the recent volatility in crude and said "If I miss on \$70 it'll be because it's over \$70, not under \$70. That's how confident I am," Arguably, the spike-down in oil this week was driven by some convoluted thinking - If Chinese equities are falling it MUST be that the Chinese economy is falling apart. If so, Chinese demand for oil will fall and as such, let's sell oil NOW. Well, Chinese equities have rebounded nicely... Let's not lose sight of the fact that the US has become the "plug-producer" and as the marginal US production comes from fracking-type wells, they have relatively easy production-volume control. So our best guess here is that prices will remain stable with, if anything, an upwards bias as global demand continues to rise.

A shadow on this optimistic outlook may have come from the International Monetary Fund which said Thursday it has trimmed down its expected global growth for 2015 to 3.3%, citing weaker-than-expected economic activity in North America during the first quarter. In April, the organization said its global growth projection for this year was at 3.5%. The IMF also kept its economic growth outlook for 2016 unchanged at 3.8%. The IMF's chief economist, said in prepared remarks that, while the IMF left its 2015 forecast for China unchanged at 6.8%, it did it with greater uncertainty.

We can read support for the IMF's views in the Fed's statements - Federal Reserve officials struck a notably dovish tone in their most recent discussions about monetary policy, while at the same time setting the groundwork for future rate hikes. Members agreed the economy was getting better yet felt unready to exit a policy of zero interest rates that began in late 2008. So we continue to be comfortable holding US\$ bonds and with the ECB buying Euro denominated paper, we hold here too. We leave you to a hot, sunny summer weekend to forget this week and look forward to calm in the next ones. And if you had a doubt, finance is an art - The best artists know what to leave out...



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This Week's Highlights:

- The Dollar had turned positive this week with the USD Index (DXY) moving from 96.00 to 97.20, only to see it come back to 95.90 now. The US\$ is now trading at about \$1.1190 against the EUR and at 0.9370 against the Swiss Franc. The Pound had a poor week now trading at 1.55 having been as low as 1.5350 but starting the week above 1.56. We maintain our belief in the fundamental strength of the US\$. Again, this view is driven by the outlook for interest rates to hold or rise in the US and hold or decline elsewhere. The Japanese Yen is steady versus the USD and is trading 122.40. Gold turned lower and we are now trading at 1,162. We note that Oil is lower in sympathy to the strengthening USD, with WTI at \$53.25/BbI and Brent at \$59.00/BbI. The Russian Ruble has weakened with the oil price decline and is trading at 56.70 per USD along with the Brazilian Real which is steady at 3.22 Until the reforms are firmly in place we do not see a significant rally in the Real and our worries would be for further downside movements.
- The US 10Yr Treasury yields moved lower throughout the week as the USD strengthened, seeing the yield move from 2.38% to hit 2.18%, only to reverse course and move back to 2.35%. The German 10Yr Bund has followed the news flows from Greece, but effectively unchanged on the week at a shade above 0.80%. The Spanish 10Yr dropped significantly, sliding from 2.35% to hit 2.0% this morning. Italian 10Yr notes followed a similar trajectory, dropping from 2.40% and finally settling lower at 2.07%. In the UK, the yields moved higher from 1.95% to settle closer to 2.03% as we write. Swiss 10Yr yields remained stable at 0.08%.
- In general the US equity markets are lower on the week. Both the Dow and the S&P500 closed Thursday night respectively at -1.02% and -1.23% for the week; and the NASDAQ being -1.73% with the futures indicating a largely higher open on Friday across the three indices potentially erasing this week's losses. Europe really has had a mixed week with the EuroStoxx50 +2.30%, DAX +1.43%, CAC40 at +1.87%, IBEX +2.05% and the UK FTSE at +1.0%. With the Shanghai bouncing by 5.1% but the Nikkei was -3.70%. The Greek stock exchange is currently up 16.03% for the week.



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Highlighted items are interesting data points for the week

MARKET INDICES PERFORM	RMANCE	Ξ.										09/07/2015
INDEX NAME	CCY	Last Price	1D	5D	MTD	PRICE CHAN 1M	GE IN % (unles 3M	s indicated) 6M	YTD	1Y	3Y	
EQUITY MARKET INDICES - BY		Last File	10	30	WILD		JW	OM	110		31	P/E
		2054.04	0.00	4.00	0.57	0.50	2.44	0.00	0.07		50.04	
S&P 500 INDEX DOW JONES INDUS, AVG	USD	2051.31 17548.62	0.23 0.19	-1.26 -1.18	-0.57 -0.40	-2.56 -2.51	-2.41 -2.82	0.32 -1.06	-0.37 -1.54	4.41 3.75	52.91 38.69	17.11 15.58
NASDAQ COMPOSITE INDEX	USD	4922.397	0.19	-1.81	-1.29	-3.04	-1.47	4.64	3.93	11.97	69.60	18.52
RUSSELL 2000 INDEX	USD	1234.154	0.42	-1.77	-1.58	-2.59	-2.42	4.09	2.45	6.22	55.21	18.60
EURO STOXX 50	EUR	3420.03	2.78	1.62	2.14	-0.82	-8.36	14.94	11.16	11.01	56.01	15.02
EURO STOXX 600	EUR	381.06	2.20	0.80	1.35	-1.10	-6.41	14.36	12.82	14.89	51.20	16.24
CAC 40 INDEX	EUR	4757.22	2.55	1.14	1.52	-1.45	-7.20	16.37	13.82	13.06	53.15	15.65
DAX INDEX FTSE 100 INDEX	EUR GBP	10996.41 6581.63	2.32 1.41	1.52 1.00	2.57 2.00	-0.35 -2.62	-9.28 -6.18	16.35 2.31	14.49 1.30	16.22 -0.31	74.37 17.44	14.05 15.92
SWISS MARKET INDEX	CHF	8985.08	1.50	1.86	3.39	-0.26	-4.14	-0.29	1.06	7.14	46.64	17.64
NIKKEI 225	JPY	19855.5	0.60	-3.70	-2.25	-1.33	-0.64	15.01	13.35	29.99	123.31	18.66
HANG SENG INDEX	HKD	24392.79	3.73	-4.45	-5.13	-6.69	-8.69	4.11	5.50	7.16	28.39	11.92
SHANGHAI SE COMPOSITE	CNY	3709.331	5.83	5.18	-9.34	-24.05	-3.88	18.03	19.88	90.24	79.16	16.09
S&P BSE SENSEX INDEX	INR	27573.66	-0.35	-1.76	-0.66	2.83	-4.43	0.51	0.36	8.77	56.65	14.77
RUSSIAN RTS INDEX \$	USD	889.76	1.61	-2.16	<u>-4.27</u>	-6.17	-9.97	14.97	13.79	-34.97	-33.98	6.01
BRAZIL IBOVESPA INDEX MSCI WORLD	BRL USD	51781.75 1717.47	-1.07 0.62	-1.85 -1.55	-2.45 -1.05	-1.96 -3.33	-3.76 -3.48	6.02 2.00	3.55 0.46	-3.45 -0.98	-6.52 40.91	11.84 16.64
MSCI WORLD HEDGED	USD	729.693	0.64	-1.49	-0.57	-1.59	-3.22	4.36	3.45	7.31	59.19	-
MSCI WORLD LOCAL	-	1306.226	0.64	-1.51	-0.61	-1.69	-3.75	3.32	2.39	5.49	50.40	-
MSCI AC WORLD	USD	417.12	0.73	-1.87	-1.51	-3.61	-4.31	1.32	0.00	-2.38	35.32	15.95
MSCIEM	USD	919.78	1.70	-4.62	-5.40	-5.94	-11.10	-4.33	-3.82	-13.42	-1.55	11.71
MSCI AC ASIA x JAPAN	USD	555.02	2.03	-5.04	-5.48	-6.26	-11.33	-2.03	-1.55	-5.31	15.83	12.05
MSCLEM LATIN AMERICA	USD	2406.89	0.20	-4.45 2.72	-4.39	-5.79	-7.93 9.57	-10.18	-11.76	-29.66	-31.15 15.07	13.98
MSCI EM Eur, ME & Africa	USD	265.91	2.36	-2.72	-4.02	-2.46	-8.57	-3.10	-1.79	-20.33	-15.97	10.98
EQUITY MARKET INDICES - BY												P/E
MSCI ENERGY	USD	215.87	0.42	-2.41	-3.05	-6.88	-8.75	-5.10	-9.23	-29.31	-3.30	20.84
MSCI MATERIALS	USD	214.73	0.87	-3.31	-3.44	-7.23	-6.61	-2.73	-3.73	-15.08	3.68	16.95
MSCI INDUSTRIALS MSCI CONS DISCRETIONARY	USD	196.2 195.62	0.54 0.67	-1.94	-1.51 -0.99	-4.83 -2.04	-5.45 -2.54	0.75 7.10	-1.57 5.05	-3.61 7.85	41.07 67.48	16.53 17.55
MSCI CONS DISCRETIONARY MSCI CONS STAPLES	USD	195.62 202.83	0.67 0.64	-1.75 0.61	-0.99 1.31	-2.04 -0.36	-2.54 -2.83	7.10 1.72	5.05 1.46	7.85 1.74	67.48 31.64	17.55 20.14
MSCI HEALTH CARE	USD	218.52	0.83	-0.36	0.27	-0.36	-0.95	7.20	9.32	15.79	84.09	18.86
MSCI FINANCIALS	USD	102.37	1.08	-1.99	-1.39	-3.42	-2.34	2.84	-0.38	-0.78	48.23	13.47
MSCI INFO TECH	USD	140.17	-0.10	-2.29	-1.63	-5.06	-3.86	-0.09	-0.79	6.32	50.87	16.60
MSCI TELECOMS	USD	69.45	0.32	-1.96	-1.71	-2.31	-1.10	3.03	1.59	-3.27	22.47	16.02
MSCIUTILITY	USD	113.14	0.14	0.29	1.43	-1.41	-3.98	-6.52	-8.06	-7.56	11.93	15.38
MSCI WORLD REAL ESTATE	USD	188.5	0.32	-0.47	0.48	-1.58	-7.61	-5.48	-3.06	-1.61	18.58	24.12
HEDGE FUND INDICES												
HFRX GLOBAL HEDGE FUND	USD	1222.99	-0.55	-0.99	-0.88	-1.76	-2.33	0.36	0.38	-1.76	8.61	
HFRX EQUAL WEIGHTED	USD	1202.66	0.33			4 40		4.00	0.07	4.00	0.00	
		1202.00	-0.33	-0.64	-0.54	-1.16	-1.32	1.02	0.97	-1.36	8.03	
HFRX GLOBAL EUR	EUR	1124.47	-0.55	-0.64 -1.00	-0.54 -0.94	-1.16 -1.83	-1.32 -2.55	0.12	-0.01	-1.36 -2.39	7.11	
HFRX GLOBAL EUR MARKET INDICES PERFOR	EUR	1124.47										09/07/2015
	EUR	1124.47				-1.83		0.12				09/07/2015
MARKET INDICES PERFOR	EUR RMANCE CCY	1124.47	-0.55	-1.00		-1.83	-2.55	0.12				09/07/2015
MARKET INDICES PERFORMANCE INDEX NAME FIXED INCOME INDICES - YIELD	EUR RMANCE CCY ON US G	1124.47 Last Price OVERNMENT B	-0.55 1D ONDS (Char	-1.00 5D ige in bps)	-0.94 MTD	-1.83 PRICE CHAN	-2.55 GE IN % (unles	0.12 es indicated)	-0.01 YTD	-2.39	7.11	09/07/2015
MARKET INDICES PERFORMANCE NAME FIXED INCOME INDICES - YIELD US 3 MONTH	CCY ON US G	Last Price OVERNMENT B 0.0102	-0.55 1D ONDS (Chan	-1.00 5D ige in bps) 0.01	-0.94 MTD	-1.83 PRICE CHAN 1M -0.01	-2.55 GE IN % (unles 3M -0.01	0.12 s indicated) 6M	-0.01 YTD -0.03	-2.39 1Y -0.01	7.11	09/07/2015
MARKET INDICES PERFORMANCE NAME FIXED INCOME INDICES - YIELD US 3 MONTH US 2 YEAR	CCY ON US G	Last Price OVERNMENT B 0.0102 0.605	-0.55 1D ONDS (Char 0.00 0.02	-1.00 5D ige in bps) 0.01 -0.02	-0.94 MTD 0.01 -0.04	-1.83 PRICE CHAN 1M -0.01 -0.12	-2.55 GE IN % (unles 3M -0.01 0.05	0.12 es indicated) 6M -0.01 0.04	-0.01 YTD -0.03 -0.06	-2.39 1Y -0.01 0.15	7.11	09/07/2015
MARKET INDICES PERFORMANCE INDEX NAME FIXED INCOME INDICES - YIELD US 3 MONTH US 2 YEAR US 10 YEAR	CCY ON US G USD USD USD	Last Price OVERNMENT B 0.0102 0.605 2.3429	-0.55 1D ONDS (Chan	-1.00 5D ige in bps) 0.01	-0.94 MTD	-1.83 PRICE CHAN 1M -0.01	-2.55 GE IN % (unles 3M -0.01	0.12 s indicated) 6M	-0.01 YTD -0.03	-2.39 1Y -0.01	7.11	
MARKET INDICES PERFORMANCE NAME FIXED INCOME INDICES - YIELD US 3 MONTH US 2 YEAR	CCY ON US G USD USD USD USD	Last Price OVERNMENT B 0.0102 0.605 2.3429 SUER	-0.55 1D ONDS (Chan 0.00 0.02 0.02	-1.00 5D ige in bps) 0.01 -0.02	-0.94 MTD 0.01 -0.04 -0.01	-1.83 PRICE CHAN: 1M -0.01 -0.12 -0.14	-2.55 GE IN % (unles 3M -0.01 0.05 0.40	0.12 es indicated) 6M -0.01 0.04	-0.01 YTD -0.03 -0.06	-2.39 1Y -0.01 0.15 -0.19	7.11 3Y	Yield to Worst
INDEX NAME FIXED INCOME INDICES - YIELD US 3 MONTH US 2 YEAR US 10 YEAR FIXED INCOME INDICES - BY TY GLOBAL AGG TR HEDGED	CCY ON US G USD USD USD USD USD USD USD	Last Price OVERNMENT B 0.0102 0.605 2.3429 SUER 474.88	-0.55 1D ONDS (Char 0.00 0.02 0.02 -0.29	-1.00 5D ige in bps) 0.01 -0.02 -0.04	-0.94 MTD 0.01 -0.04 -0.01	-1.83 PRICE CHAN: 1M -0.01 -0.12 -0.14 0.55	-2.55 GE IN % (unless 3M -0.01 0.05 0.40 -2.00	0.12 s indicated) 6M -0.01 0.04 0.40	-0.01 YTD -0.03 -0.06 0.17	-2.39 1Y -0.01 0.15 -0.19	7.11 3Y - - - 9.73	Yield to Worst
INDEX NAME FIXED INCOME INDICES - YIELD US 3 MONTH US 2 YEAR US 10 YEAR FIXED INCOME INDICES - BY TY GLOBAL AGG TR HEDGED US GOVERNMENT TR	CCY ON US G USD	Last Price OVERNMENT B 0.0102 0.605 2.3429 SUER 474.88 2083.5	-0.55 1D ONDS (Char 0.00 0.02 0.02 -0.29 -0.46	-1.00 5D ige in bps) 0.01 -0.02 -0.04 0.54 0.48	-0.94 MTD 0.01 -0.04 -0.01 0.25 0.23	-1.83 PRICE CHAN 1M -0.01 -0.12 -0.14 0.55 0.77	-2.55 GE IN % (unles 3M -0.01 0.05 0.40 -2.00 -1.15	0.12 s indicated) 6M -0.01 0.04 0.40 -0.81 -0.72	-0.01 YTD -0.03 -0.06 0.17 -0.14 0.31	-2.39 1Y -0.01 0.15 -0.19 3.25 2.68	7.11 3Y - - - - 9.73 2.37	Yield to Worst 1.74 1.74
INDEX NAME FIXED INCOME INDICES - YIELD US 3 MONTH US 2 YEAR US 10 YEAR FIXED INCOME INDICES - BY TY GLOBAL AGG TR HEDGED US GOVERNMENT TR US CORPORATE TR	CCY ON US G USD	Last Price OVERNMENT B 0.0102 0.605 2.3429 SUER 474.88 2083.5 2570.45	-0.55 1D ONDS (Char 0.00 0.02 0.02 -0.29 -0.46 -0.65	-1.00 5D ige in bps) 0.01 -0.02 -0.04 0.54 0.48 0.45	-0.94 MTD 0.01 -0.04 -0.01 0.25 0.23 0.27	-1.83 PRICE CHAN 1M -0.01 -0.12 -0.14 0.55 0.77 0.37	-2.55 GE IN % (unles 3M -0.01 0.05 0.40 -2.00 -1.15 -3.03	0.12 s indicated) 6M -0.01 0.04 0.40 -0.81 -0.72 -1.88	-0.01 YTD -0.03 -0.06 0.17 -0.14 0.31 -0.66	-2.39 1Y -0.01 0.15 -0.19 3.25 2.68 1.11	7.11 3Y - - - 9.73 2.37 9.10	Yield to Worst 1.74 1.74 3.34
INDEX NAME FIXED INCOME INDICES - YIELD US 3 MONTH US 2 YEAR US 10 YEAR FIXED INCOME INDICES - BY TY GLOBAL AGG TR HEDGED US GOVERNMENT TR US CORPORATE TR US CHIGH YIELD TR	CCY ON US G USD	1124.47 E Last Price OVERNMENT B 0.0102 0.605 2.3429 SUER 474.88 2083.5 2570.45 1658.33	-0.55 1D ONDS (Chan 0.00 0.02 0.02 -0.29 -0.46 -0.65 0.09	-1.00 5D gge in bps) 0.01 -0.02 -0.04 0.54 0.48 0.45 -0.47	-0.94 MTD 0.01 -0.04 -0.01 0.25 0.23 0.27 -0.22	-1.83 PRICE CHAN 1M -0.01 -0.12 -0.14 0.55 0.77 0.37 -0.65	-2.55 GE IN % (unles 3M -0.01 0.05 0.40 -2.00 -1.15 -3.03 -0.97	0.12 6M -0.01 0.04 0.40 -0.81 -0.72 -1.88 2.07	-0.01 YTD -0.03 -0.06 0.17 -0.14 0.31 -0.66 2.30	-2.39 1Y -0.01 0.15 -0.19 3.25 2.68 1.11 -0.66	7.11 3Y - - - 9.73 2.37 9.10 20.85	Yield to Worst 1.74 1.74 3.34 6.66
INDEX NAME FIXED INCOME INDICES - YIELD US 3 MONTH US 2 YEAR US 10 YEAR FIXED INCOME INDICES - BY TY GLOBAL AGG TR HEDGED US GOVERNMENT TR US CORPORATE TR	CCY ON US G USD	Last Price OVERNMENT B 0.0102 0.605 2.3429 SUER 474.88 2083.5 2570.45	-0.55 1D ONDS (Char 0.00 0.02 0.02 -0.29 -0.46 -0.65	-1.00 5D ige in bps) 0.01 -0.02 -0.04 0.54 0.48 0.45	-0.94 MTD 0.01 -0.04 -0.01 0.25 0.23 0.27	-1.83 PRICE CHAN 1M -0.01 -0.12 -0.14 0.55 0.77 0.37	-2.55 GE IN % (unles 3M -0.01 0.05 0.40 -2.00 -1.15 -3.03	0.12 s indicated) 6M -0.01 0.04 0.40 -0.81 -0.72 -1.88	-0.01 YTD -0.03 -0.06 0.17 -0.14 0.31 -0.66	-2.39 1Y -0.01 0.15 -0.19 3.25 2.68 1.11	7.11 3Y - - - 9.73 2.37 9.10	Yield to Worst 1.74 1.74 3.34
MARKET INDICES PERFORMANCE NAME FIXED INCOME INDICES - YIELD US 3 MONTH US 2 YEAR US 10 YEAR FIXED INCOME INDICES - BY TY GLOBAL AGG TR HEDGED US GOVERNMENT TR US CORPORATE TR US HIGH YIELD TR EU GOVERNMENT TR	EUR RMANCE CCY ON US G USD	1124.47 Last Price OVERNMENT B 0.0102 0.805 2.3429 SUER 474.88 2083.5 2570.45 1658.33 237.14	-0.55 1D ONDS (Char 0.00 0.02 0.02 -0.29 -0.46 -0.65 0.09 -0.08	-1.00 5D ge in bps) 0.01 -0.02 -0.04 0.54 0.48 0.45 -0.47 0.93	0.01 -0.04 -0.01 -0.25 0.23 0.27 -0.22 0.47	-1.83 PRICE CHAN 1M -0.01 -0.12 -0.14 0.55 0.77 0.37 -0.65 0.76	-2.55 GE IN % (unless 3M -0.01 0.05 0.40 -2.00 -1.15 -3.03 -0.97 -4.53	0.12 s indicated) 6M -0.01 0.04 0.40 -0.81 -0.72 -1.88 -0.72 -1.08	-0.01 -0.03 -0.06 0.17 -0.14 0.31 -0.66 2.30 -0.82	-2.39 1Y -0.01 0.15 -0.19 3.25 2.68 1.11 -0.66 4.52	9.73 2.37 9.10 20.85 20.60	Yield to Worst 1.74 1.74 3.34 6.66 0.95
MARKET INDICES PERFORMINGES NAME FIXED INCOME INDICES - YIELD US 3 MONTH US 2 YEAR US 10 YEAR FIXED INCOME INDICES - BY TY GLOBAL AGG TR HEDGED US GOVERNMENT TR US CORPORATE TR US HIGH YIELD TR EU GOVERNMENT TR EU CORPORATE TR	USD	1124.47 E Last Price OVERNMENT B 0.0102 0.605 2.3429 SUER 474.88 2083.5 2570.45 1658.33 237.14 242.1	-0.55 1D ONDS (Char 0.00 0.02 -0.29 -0.46 -0.65 0.09 -0.08 -0.08	-1.00 5D ge in bps) 0.01 -0.02 -0.04 0.54 0.48 0.45 -0.47 0.93 0.10	0.01 -0.04 -0.01 -0.04 -0.01 0.25 0.23 0.27 -0.22 0.47 0.05	-1.83 PRICE CHAN 1M -0.01 -0.12 -0.14 0.55 0.77 0.37 -0.65 0.76 -0.06	-2.55 GE IN % (unles 3M -0.01 0.05 0.40 -2.00 -1.15 -3.03 -0.97 -4.53 -3.03	0.12 6M -0.01 0.04 0.40 -0.81 -0.72 -1.88 2.07 -1.08 -1.67	-0.01 -0.03 -0.06 -0.17 -0.14 -0.31 -0.66 2.30 -0.82 -1.42	-2.39 1Y -0.01 0.15 -0.19 3.25 2.68 1.11 -0.66 1.52 1.89	7.11 3Y 	Yield to Worst 1.74 1.74 3.34 6.66 0.95 1.45
MARKET INDICES PERFORMANCE TIME NAME FIXED INCOME INDICES - YIELD US 3 MONTH US 2 YEAR US 10 YEAR FIXED INCOME INDICES - BY TY GLOBAL AGG TR HEDGED US GOVERNMENT TR US CORPORATE TR US HIGH YIELD TR EU GOVERNMENT TR EU CORPORATE TR EU HIGH YIELD TR EU GOVERNMENT TR EU HIGH YIELD TR BARCLAYS GLOBAL CONVERT. GLOBAL EM TR (HEDGED)	CCY CON US G USD	1124.47 E Last Price OVERNMENT B 0.0102 0.605 2.3429 SUER 474.88 2083.5 2570.45 1658.33 237.14 242.1 271.76 221.24 328.7302	-0.55 1D ONDS (Char 0.00 0.02 0.02 -0.29 -0.46 -0.65 0.09 -0.08 -0.06 0.17 -0.66 0.01	-1.00 5D ge in bps) 0.01 -0.02 -0.04 0.54 0.48 0.45 -0.47 0.93 0.10 -0.60 -1.49 -0.02	0.94 MTD 0.01 -0.04 -0.01 0.25 0.23 0.27 -0.22 0.47 0.05 -0.20 -1.41 0.08	-1.83 PRICE CHAN 1M -0.01 -0.12 -0.14 0.55 0.77 0.37 -0.65 0.76 -0.06 -1.19 -2.42 0.12	-2.55 GE IN % (unles 3M -0.01 0.05 0.40 -2.00 -1.15 -3.03 -0.97 -4.53 -3.03 -2.42 -2.23 -1.07	0.12 s indicated) 6M -0.01 0.04 0.40 -0.81 -0.72 -1.88 2.07 -1.08 -1.67 0.91 3.05 2.80	-0.01 -0.03 -0.06 -0.17 -0.14 -0.31 -0.66 -0.30 -0.82 -1.42 -1.11 -0.62	-2.39 1Y -0.01 0.15 -0.19 3.25 2.68 1.11 -0.66 4.52 1.89 1.75 2.14 0.24	7.11 3Y - - - - 9.73 2.37 9.10 20.85 16.46 32.97 34.00 13.42	Yield to Worst 1.74 1.74 3.34 6.66 0.95 1.45 4.60 - 5.00
INDEX NAME FIXED INCOME INDICES - YIELD US 3 MONTH US 2 YEAR US 10 YEAR FIXED INCOME INDICES - BY TY GLOBAL AGG TR HEDGED US GOVERNMENT TR US CORPORATE TR US HIGH YIELD TR EU GOVERNMENT TR EU CORPORATE TR EU GOVERNMENT TR EU GOVERNMENT TR EU GOVERNMENT TR EU GOVERNMENT TR EU GORPORATE TR EU HIGH YIELD TR BARCLAYS GLOBAL CONVERT.	CCY ON US G USD	1124.47 Last Price OVERNMENT B 0.0102 0.805 2.3429 SUER 474.88 2083.5 2570.45 1658.33 237.14 242.1 271.76 221.24	-0.55 ID ONDS (Char 0.00 0.02 0.02 -0.29 -0.46 -0.65 0.09 -0.08 -0.08 -0.06 0.17 -0.66	-1.00 5D ige in bps) 0.01 -0.02 -0.04 0.54 0.48 0.45 -0.47 0.93 0.10 -0.60 -1.49	0.94 MTD 0.01 0.04 -0.01 0.25 0.23 0.27 -0.22 0.47 0.05 -0.20 -1.41	-1.83 PRICE CHAN 1M -0.01 -0.12 -0.14 0.55 0.77 0.37 -0.65 0.76 -0.06 -1.19 -2.42	-2.55 GE IN % (unless 3M -0.01 0.05 0.40 -2.00 -1.15 -3.03 -0.97 -4.53 -3.03 -2.42 -2.23	0.12 S indicated) 6M -0.01 0.04 0.40 -0.81 -0.72 -1.88 -1.67 0.91 3.05	-0.01 -0.03 -0.08 -0.17 -0.14 -0.31 -0.66 -0.30 -0.82 -1.42 -1.11 -0.17	-2.39 1Y -0.01 0.15 -0.19 3.25 2.68 1.11 -0.66 4.52 1.89 1.75 2.14	9.73 2.37 9.10 20.85 20.60 16.46 32.97 34.00	Yield to Worst 1.74 1.74 3.34 6.66 0.95 1.45 4.60
MARKET INDICES PERFORMANCE TIME NAME FIXED INCOME INDICES - YIELD US 3 MONTH US 2 YEAR US 10 YEAR FIXED INCOME INDICES - BY TY GLOBAL AGG TR HEDGED US GOVERNMENT TR US CORPORATE TR US HIGH YIELD TR EU GOVERNMENT TR EU CORPORATE TR EU HIGH YIELD TR EU GOVERNMENT TR EU HIGH YIELD TR BARCLAYS GLOBAL CONVERT. GLOBAL EM TR (HEDGED)	CCY ON US G USD	1124.47 E Last Price OVERNMENT B 0.0102 0.605 2.3429 SUER 474.88 2083.5 2570.45 1658.33 237.14 242.1 271.76 221.24 328.7302 94.86164	-0.55 1D ONDS (Char 0.00 0.02 0.02 -0.29 -0.46 -0.65 0.09 -0.08 -0.06 0.17 -0.66 0.01	-1.00 5D ge in bps) 0.01 -0.02 -0.04 0.54 0.48 0.45 -0.47 0.93 0.10 -0.60 -1.49 -0.02	0.94 MTD 0.01 -0.04 -0.01 0.25 0.23 0.27 -0.22 0.47 0.05 -0.20 -1.41 0.08	-1.83 PRICE CHAN 1M -0.01 -0.12 -0.14 0.55 0.77 0.37 -0.65 0.76 -0.06 -1.19 -2.42 0.12	-2.55 GE IN % (unles 3M -0.01 0.05 0.40 -2.00 -1.15 -3.03 -0.97 -4.53 -3.03 -2.42 -2.23 -1.07	0.12 s indicated) 6M -0.01 0.04 0.40 -0.81 -0.72 -1.88 2.07 -1.08 -1.67 0.91 3.05 2.80	-0.01 -0.03 -0.06 -0.17 -0.14 -0.31 -0.66 -0.30 -0.82 -1.42 -1.11 -0.62	-2.39 1Y -0.01 0.15 -0.19 3.25 2.68 1.11 -0.66 4.52 1.89 1.75 2.14 0.24	7.11 3Y - - - - 9.73 2.37 9.10 20.85 16.46 32.97 34.00 13.42	Yield to Worst 1.74 1.74 3.34 6.66 0.95 1.45 4.60 - 5.00
INDEX NAME FIXED INCOME INDICES - YIELD US 3 MONTH US 2 YEAR US 10 YEAR FIXED INCOME INDICES - BY TY GLOBAL AGG TR HEDGED US GOVERNMENT TR US CORPORATE TR US HIGH YIELD TR EU GOVERNMENT TR EU CORPORATE TR EU HIGH YIELD TR EU HIGH YIELD TR EU HIGH YIELD TR BARCLAYS GLOBAL CONVERT. GLOBAL EM TR (HEDGED) S&P/LSTA U.S. LEV LOAN	CCY ON US G USD	1124.47 E Last Price OVERNMENT B 0.0102 0.605 2.3429 SUER 474.88 2083.5 2570.45 1658.33 237.14 242.1 271.76 221.24 328.7302 94.86164	-0.55 1D ONDS (Char 0.00 0.02 0.02 -0.29 -0.46 -0.65 0.09 -0.08 -0.06 0.17 -0.66 0.01	-1.00 5D ge in bps) 0.01 -0.02 -0.04 0.54 0.48 0.45 -0.47 0.93 0.10 -0.60 -1.49 -0.02	0.94 MTD 0.01 -0.04 -0.01 0.25 0.23 0.27 -0.22 0.47 0.05 -0.20 -1.41 0.08	-1.83 PRICE CHAN 1M -0.01 -0.12 -0.14 0.55 0.77 0.37 -0.65 0.76 -0.06 -1.19 -2.42 0.12	-2.55 GE IN % (unles 3M -0.01 0.05 0.40 -2.00 -1.15 -3.03 -0.97 -4.53 -3.03 -2.42 -2.23 -1.07	0.12 s indicated) 6M -0.01 0.04 0.40 -0.81 -0.72 -1.88 2.07 -1.08 -1.67 0.91 3.05 2.80	-0.01 -0.03 -0.06 -0.17 -0.14 -0.31 -0.66 -0.30 -0.82 -1.42 -1.11 -0.62	-2.39 1Y -0.01 0.15 -0.19 3.25 2.68 1.11 -0.66 4.52 1.89 1.75 2.14 0.24	7.11 3Y - - - - 9.73 2.37 9.10 20.85 16.46 32.97 34.00 13.42	Yield to Worst 1.74 1.74 3.34 6.66 0.95 1.45 4.60 - 5.00
INDEX NAME FIXED INCOME INDICES - YIELD US 3 MONTH US 2 YEAR US 10 YEAR FIXED INCOME INDICES - BY TY GLOBAL AGG TR HEDGED US GOVERNMENT TR US CORPORATE TR EU GOVERNMENT TR EU GOVERNMENT TR EU GOVERNMENT TR EU CORPORATE TR EU HICH YIELD TR BARCLAYS GLOBAL CONVERT. GLOBAL EM TR (HEDGED) S&P/LSTA U.S. LEV LOAN COMMODITY INDICES - BY TYPE GSCI INDEX TOTAL RETURN GSCI ENERGY TR	CCY ON US G USD	1124.47 E Last Price OVERNMENT B 0.0102 0.605 2.3429 SUER 474.88 2083.5 2570.45 1658.33 237.14 242.1 271.76 221.24 328.7302 94.86164	-0.55 1D ONDS (Char 0.00 0.02 0.02 -0.29 -0.46 -0.65 -0.09 -0.08 -0.06 0.17 -0.66 0.01 -0.02	-1.00 5D ge in bps) 0.01 -0.02 -0.04 0.54 0.48 0.45 -0.47 0.93 0.10 -0.60 -1.49 -0.02 -0.17	0.01 -0.04 -0.01 -0.04 -0.01 -0.25 -0.23 -0.27 -0.22 -0.47 -0.05 -0.20 -0.20 -0.20 -0.21	-1.83 PRICE CHAN 1M -0.01 -0.12 -0.14 0.55 0.77 0.37 -0.65 0.76 -0.06 -1.19 -2.42 0.12 -1.04	-2.55 GE IN % (unles 3M -0.01 0.05 0.40 -2.00 -1.15 -3.03 -0.97 -4.53 -3.03 -2.42 -2.23 -1.07 -1.70	0.12 s indicated) 6M -0.01 0.04 0.40 -0.81 -0.72 -1.88 2.07 -1.08 -1.67 0.91 3.05 2.80 -0.70	-0.01 -0.03 -0.06 0.17 -0.14 -0.31 -0.66 2.30 -0.82 -1.42 1.11 3.07 2.62 -0.51	-2.39 1Y -0.01 0.15 -0.19 3.25 2.68 1.11 -0.66 4.52 1.89 1.75 2.14 0.24 -4.16	7.11 3Y 	Yield to Worst 1.74 1.74 3.34 6.66 0.95 1.45 4.60 - 5.00
INDEX NAME FIXED INCOME INDICES - YIELD US 3 MONTH US 2 YEAR US 10 YEAR FIXED INCOME INDICES - BY TY GLOBAL AGG TR HEDGED US GOVERNMENT TR US CORPORATE TR US HIGH YIELD TR EU GOVERNMENT TR EU CORPORATE TR EU HIGH YIELD TR BARCLAYS GLOBAL CONVERT. GLOBAL EM TR (HEDGED) SAP/LSTA U.S. LEV LOAN COMMODITY INDICES - BY TYPI GSCI INDEX TOTAL RETURN GSCI ENERGY TR GSCI INDUSTRIAL METALS TR	EUR RMANCE CCY OON US G USD	1124.47 E Last Price OVERNMENT B 0.0102 0.605 2.3429 SUER 474.88 2083.5 2570.45 1658.33 237.14 242.1 271.76 221.24 328.7302 94.86164 EER 3042.31 596.322 1123.46	-0.55 1D ONDS (Char 0.00 0.02 0.02 -0.29 -0.46 -0.65 0.09 -0.08 -0.06 0.17 -0.66 0.01 -0.02	-1.00 5D ge in bps) 0.01 -0.02 -0.04 0.54 0.48 0.45 -0.47 0.93 0.10 -0.60 -1.49 -0.02 -0.17 	0.94 MTD 0.01 -0.04 -0.01 0.25 0.23 0.27 -0.22 0.47 0.05 -0.20 -1.41 0.08 -0.21 -5.70 -6.08 -0.97	-1.83 PRICE CHAN 1M -0.01 -0.12 -0.14 0.55 0.77 0.37 -0.65 0.76 -0.06 -1.19 -2.42 0.12 -1.04 -6.26 -9.96 -5.93	-2.55 GE IN % (unles 3M -0.01 0.05 0.40 -2.00 -1.15 -3.03 -0.97 -4.53 -3.03 -2.42 -2.23 -1.07 -1.70 0.54 0.94 -6.59	0.12 s indicated) 6M -0.01 0.04 0.40 -0.81 -0.72 -1.88 2.07 -1.08 -1.67 0.91 3.05 2.80 -0.70 -0.11 4.24 -9.21	-0.01 -0.03 -0.06 -0.17 -0.14 -0.31 -0.66 -0.32 -1.42 -1.11 -0.62 -0.51	-2.39 1Y -0.01 0.15 -0.19 3.25 2.68 1.11 -0.66 4.52 1.89 1.75 2.14 0.24 -4.16 -38.64 -48.13 -20.46	9.73 2.37 9.73 2.37 9.10 20.85 16.46 32.97 34.00 13.42 1.07	Yield to Worst 1.74 1.74 3.34 6.66 0.95 1.45 4.60 - 5.00
INDEX NAME FIXED INCOME INDICES - YIELD US 3 MONTH US 2 YEAR US 10 YEAR FIXED INCOME INDICES - BY TY GLOBAL AGG TR HEDGED US GOVERNMENT TR US CORPORATE TR US HIGH YIELD TR EU GOVERNMENT TR EU GOVERNMENT TR EU HIGH YIELD TR BARCLAYS GLOBAL CONVERT. GLOBAL EM TR (HEDGED) S&P/LSTA U.S. LEV LOAN COMMODITY INDICES - BY TYPI GSCI INDEX TOTAL RETURN GSCI ENERGY TR GSCI PRECIOUS METALS TR GSCI PRECIOUS METALS TR	EUR RMANCE CCY OON US G USD	Last Price OVERNMENT B 0.0102 0.605 2.3429 SUER 474.88 2083.5 2570.45 1658.33 237.14 242.1 271.76 221.24 328.7302 94.86164 EER 3042.31 596.322 1123.46 1426.587	-0.55 1D ONDS (Char 0.00 0.02 0.02 -0.29 -0.46 -0.65 0.09 -0.08 -0.17 -0.66 0.01 -0.02 -0.151 1.51 2.21 1.98 -0.19	-1.00 5D ge in bps) 0.01 -0.02 -0.04 0.54 0.45 -0.47 0.93 0.10 -0.60 -1.49 -0.02 -0.17	0.94 MTD 0.01 -0.04 -0.01 0.25 0.23 0.27 -0.22 0.47 0.05 -0.20 -1.41 5.70 8.08 -0.97 -1.11	-1.83 PRICE CHAN 1M -0.01 -0.12 -0.14 0.55 0.77 0.37 -0.65 0.76 -0.06 -1.19 -2.42 0.12 -1.04 -6.26 -9.96 -5.93 -1.83	-2.55 GE IN % (unles 3M -0.01 0.05 0.40 -2.00 -1.15 -3.03 -0.97 -4.53 -3.03 -2.42 -2.23 -1.07 -1.70 0.54 0.94 -6.59 -3.25	0.12 sindicated) 6M -0.01 0.04 0.40 -0.81 -0.72 -1.88 2.07 -1.08 -1.67 0.91 3.05 2.80 -0.70 -0.11 4.24 -9.21 -5.16	-0.01 YTD -0.03 -0.06 0.17 -0.14 0.31 -0.66 2.30 -0.82 -1.42 1.11 3.07 2.62 -0.51 -5.89 -5.34 -11.19 -2.34	-2.39 1Y -0.01 0.15 -0.19 3.25 2.68 1.11 -0.66 4.52 1.89 1.75 2.14 0.24 -4.16 -38.64 48.13 -20.46 -14.74	9.73 2.37 9.70 20.85 20.66 32.97 34.00 13.42 1.07	Yield to Worst 1.74 1.74 3.34 6.66 0.95 1.45 4.60 - 5.00
INDEX NAME FIXED INCOME INDICES - YIELD US 3 MONTH US 2 YEAR US 10 YEAR FIXED INCOME INDICES - BY TY GLOBAL AGG TR HEDGED US GOVERNMENT TR US CORPORATE TR EU GOVERNMENT TR EU GOVERNMENT TR EU CORPORATE TR EU HIGH YIELD TR BARCLAYS GLOBAL CONVERT. GLOBAL EM TR (HEDGED) SAP/LSTA U.S. LEV LOAN COMMODITY INDICES - BY TYPI GSCI INDUSTRIAL METALS TR GSCI PRECIOUS METALS TR GSCI AGRICULTURE TR	EUR RMANCE CCY ON US G USD	1124.47 Last Price OVERNMENT B 0.0102 0.805 2.3429 SUER 474.88 2083.5 2570.45 1658.33 237.14 242.1 271.76 221.24 328.7302 94.86164 EER 3042.31 596.322 1123.46 1426.587 522.1229	-0.55 1D ONDS (Char 0.00 0.02 0.02 -0.29 -0.46 -0.65 0.09 -0.08 -0.06 0.17 -0.66 0.01 -0.02 1.51 2.21 1.98 -0.19 0.58	-1.00 5D ge in bps) 0.01 -0.02 -0.04 0.54 0.48 0.45 -0.47 0.93 0.10 -0.02 -0.17 -4.20 -5.68 -2.16 -0.47 -1.40	0.94 MTD 0.01 -0.04 -0.01 0.25 0.23 0.27 -0.22 0.47 0.05 -0.20 -1.41 0.08 -0.21 5.70 -8.08 -0.91 -1.11 -2.60	-1.83 PRICE CHAN 1M -0.01 -0.12 -0.14 0.55 0.77 0.37 -0.65 0.76 -0.06 -1.19 -2.42 0.12 -1.04 -6.26 -9.96 -5.93 -1.83 7.01	-2.55 GE IN % (unless 3M -0.01 0.05 0.40 -2.00 -1.15 -3.03 -0.97 -4.53 -3.03 -2.42 -2.23 -1.07 -1.70 0.54 0.94 -6.59 -3.25 5.37	0.12 s indicated) 6M -0.01 0.04 0.40 -0.81 -0.72 -1.88 -1.67 0.91 3.05 2.80 -0.70 -0.11 4.24 -9.21 -5.16 -3.88	-0.01 -0.03 -0.08 -0.17 -0.14 -0.31 -0.66 -0.30 -0.82 -1.42 -1.11 -0.56 -0.51 -0.51 -0.51	-2.39 1Y -0.01 0.15 -0.19 3.25 2.68 1.11 -0.66 4.52 1.89 1.75 2.14 0.24 -4.16 -38.64 -48.13 -20.46 -14.74 -11.04	7.11 3Y 9.73 2.37 9.10 20.85 20.60 16.46 32.97 34.00 13.42 1.07 	Yield to Worst 1.74 1.74 3.34 6.66 0.95 1.45 4.60 - 5.00
INDEX NAME FIXED INCOME INDICES - YIELD US 3 MONTH US 2 YEAR US 10 YEAR FIXED INCOME INDICES - BY TY GLOBAL AGG TR HEDGED US GOVERNMENT TR US CORPORATE TR US HIGH YIELD TR EU GOVERNMENT TR EU GOVERNMENT TR EU HIGH YIELD TR BARCLAYS GLOBAL CONVERT. GLOBAL EM TR (HEDGED) SAP/LSTA U.S. LEV LOAN COMMODITY INDICES - BY TYP GSCI INDEX TOTAL RETURN GSCI ENERGY TR GSCI PRECIOUS METALS TR GSCI PRECIOUS METALS TR GSCI PRECIOULTURE TR GSCI AGRICULTURE TR GENERIC 1ST 'CL' FUTURE	EUR RMANCE CCY OON US G USD	1124.47 E Last Price OVERNMENT B 0.0102 0.605 2.3429 SUER 474.88 2083.5 2570.45 1658.33 237.14 242.1 271.76 221.24 328.7302 94.86164 EER 3042.31 596.322 1123.46 1426.587 522.1229 52.78	-0.55 1D ONDS (Char 0.00 0.02 0.02 -0.29 -0.46 -0.65 0.09 -0.08 -0.06 0.17 -0.02 1.51 2.21 1.98 -0.19 0.59 1.91	-1.00 5D ge in bps) 0.01 -0.02 -0.04 0.54 0.48 0.45 -0.47 0.93 0.10 -0.60 -1.49 -0.02 -0.17 4.20 -5.68 -2.16 -0.47 -1.40 -5.52	0.94 MTD 0.01 -0.04 -0.01 0.25 0.23 0.27 -0.22 0.47 0.05 -0.20 -1.41 0.08 -0.21 -5.70 -8.08 -0.97 -1.11 -2.60 -9.55	-1.83 PRICE CHAN 1M -0.01 -0.12 -0.14 0.55 0.77 0.37 -0.85 0.76 -0.06 -1.19 -2.42 0.12 -1.04 -6.26 -9.96 -5.93 -1.83 7.01 -13.42	-2.55 GE IN % (unles 3M -0.01 0.05 0.40 -2.00 -1.15 -3.03 -0.97 -4.53 -3.03 -2.42 -2.23 -1.07 -1.70 0.54 0.94 -6.59 -3.25 5.37 -1.16	0.12 sindicated) 6M -0.01 0.04 0.40 -0.81 -0.72 -1.88 2.07 -1.08 -1.67 0.91 3.05 2.80 -0.70 -0.11 4.24 -9.21 -5.16	-0.01 -0.03 -0.06 -0.17 -0.14 -0.31 -0.66 -0.30 -0.82 -1.42 -1.11 -0.62 -0.51 -5.89 -5.34 -11.19 -2.34 -3.57 -6.37	-2.39 -0.01 0.15 -0.19 3.25 2.68 1.11 -0.66 4.52 1.89 1.75 2.14 0.24 -4.16 -38.64 48.13 -20.46 -14.74 -11.04 -47.46	9.73 2.37 9.10 20.85 16.46 32.97 34.00 13.42 1.07 -34.70 -39.47 -24.08 -30.50 -35.50 -35.12	Yield to Worst 1.74 1.74 3.34 6.66 0.95 1.45 4.60 - 5.00
INDEX NAME FIXED INCOME INDICES - YIELD US 3 MONTH US 2 YEAR US 10 YEAR FIXED INCOME INDICES - BY TY GLOBAL AGG TR HEDGED US GOVERNMENT TR US CORPORATE TR US HIGH YIELD TR EU GOVERNMENT TR EU GOVERNMENT TR EU HIGH YIELD TR BARCLAYS GLOBAL CONVERT. GLOBAL EM TR (HEDGED) SAP/LSTA U.S. LEV LOAN COMMODITY INDICES - BY TYPI GSCI INDEX TOTAL RETURN GSCI ENERGY TR GSCI PRECIOUS METALS TR GSCI PRECIOUS METALS TR GSCI AGRICULTURE TR GSCI AGRICULTURE TR GSCI AGRICULTURE TR GSCI AGRICULTURE GOLD SPOT \$/OZ	EUR RMANCE CCY ON US G USD	1124.47 Last Price OVERNMENT B 0.0102 0.805 2.3429 SUER 474.88 2083.5 2570.45 1658.33 237.14 242.1 271.76 221.24 328.7302 94.86164 EER 3042.31 596.322 1123.46 1426.587 522.1229	-0.55 1D ONDS (Char 0.00 0.02 0.02 -0.29 -0.46 -0.65 0.09 -0.08 -0.06 0.17 -0.66 0.01 -0.02 1.51 2.21 1.98 -0.19 0.58	-1.00 5D ge in bps) 0.01 -0.02 -0.04 0.54 0.48 0.45 -0.47 0.93 0.10 -0.02 -0.17 -4.20 -5.68 -2.16 -0.47 -1.40	0.94 MTD 0.01 -0.04 -0.01 0.25 0.23 0.27 -0.22 0.47 0.05 -0.20 -1.41 0.08 -0.21 5.70 -8.08 -0.91 -1.11 -2.60	-1.83 PRICE CHAN 1M -0.01 -0.12 -0.14 0.55 0.77 0.37 -0.65 0.76 -0.06 -1.19 -2.42 0.12 -1.04 -6.26 -9.96 -5.93 -1.83 7.01	-2.55 GE IN % (unless 3M -0.01 0.05 0.40 -2.00 -1.15 -3.03 -0.97 -4.53 -3.03 -2.42 -2.23 -1.07 -1.70 0.54 0.94 -6.59 -3.25 5.37	0.12 s indicated) 6M -0.01 0.04 0.40 -0.81 -0.72 -1.88 2.07 -1.08 -1.67 0.91 3.05 2.80 -0.70 -0.11 4.24 -9.21 -5.16 -3.88 2.38	-0.01 -0.03 -0.08 -0.17 -0.14 -0.31 -0.66 -0.30 -0.82 -1.42 -1.11 -0.56 -0.51 -0.51 -0.51	-2.39 1Y -0.01 0.15 -0.19 3.25 2.68 1.11 -0.66 4.52 1.89 1.75 2.14 0.24 -4.16 -38.64 -48.13 -20.46 -14.74 -11.04	7.11 3Y 9.73 2.37 9.10 20.85 20.60 16.46 32.97 34.00 13.42 1.07 	Yield to Worst 1.74 1.74 3.34 6.66 0.95 1.45 4.60 - 5.00
INDEX NAME FIXED INCOME INDICES - YIELD US 3 MONTH US 2 YEAR US 10 YEAR FIXED INCOME INDICES - BY TY GLOBAL AGG TR HEDGED US GOVERNMENT TR US CORPORATE TR US HIGH YIELD TR EU GOVERNMENT TR EU GOVERNMENT TR EU HIGH YIELD TR BARCLAYS GLOBAL CONVERT. GLOBAL EM TR (HEDGED) S&P/LSTA U.S. LEV LOAN COMMODITY INDICES - BY TYPI GSCI INDEX TOTAL RETURN GSCI ENERGY TR GSCI PRECIOUS METALS TR GSCI PRECIOUS METALS TR GSCI PRECIOUS METALS TR GSCI AGRICULTURE TR GCENERIC 1ST 'CL' FUTURE GOLD SPOT \$/OZ CURRENCIES	EUR RMANCE CCY CON US G USD	1124.47 E Last Price OVERNMENT B 0.0102 0.605 2.3429 SUER 474.88 2083.5 2570.45 1658.33 237.14 242.1 271.76 221.24 328.7302 94.86164 EER 3042.31 596.322 1123.46 1426.587 522.1229 52.78 1159.43	-0.55 1D ONDS (Char 0.00 0.02 0.02 -0.29 -0.46 -0.65 0.09 -0.08 -0.06 0.17 -0.60 0.01 -0.02 1.51 1.98 -0.19 0.58 1.91 0.31	-1.00 5D ge in bps) 0.01 -0.02 -0.04 0.54 0.48 0.45 -0.47 0.93 0.10 -0.60 -1.49 -0.02 -0.17 4.20 -5.68 -2.16 -0.47 -1.40 -5.52 -0.46	0.94 MTD 0.01 -0.04 -0.01 0.25 0.23 0.27 -0.22 -1.41 0.08 -0.21 -5.70 -8.08 -0.97 -1.11 -2.60 -9.55 -0.80	-1.83 PRICE CHAN 1M -0.01 -0.12 -0.14 0.55 0.77 0.37 -0.65 -0.06 -1.19 -2.42 0.12 -1.04 -6.26 -9.96 -5.93 -1.83 7.01 -13.42 -1.95	-2.55 GE IN % (unles 3M -0.01 0.05 0.40 -2.00 -1.15 -3.03 -0.97 -4.53 -3.03 -2.42 -2.23 -1.07 -1.70 0.54 0.94 -6.59 -3.25 5.37 -1.16 -3.69	0.12 s indicated) 6M -0.01 0.04 0.40 -0.81 -0.72 -1.88 2.07 -1.08 -1.67 0.91 3.05 2.80 -0.70 -0.11 4.24 -9.21 -5.16 -3.88 2.38 -4.86	-0.01 -0.03 -0.06 -0.17 -0.14 -0.31 -0.66 -0.32 -1.42 -1.11 -0.51 -0.51 -5.89 -5.34 -11.19 -2.34 -3.57 -1.84	-2.39 1Y -0.01 0.15 -0.19 3.25 2.68 1.11 -0.66 1.17 2.14 0.24 -4.16 -38.64 -48.13 -20.46 -14.74 -11.04 -47.46 -12.93	9.73 2.37 9.73 2.37 9.10 20.85 16.46 32.97 34.00 13.42 1.07 -34.70 -39.47 -24.08 -30.50 -35.40 -36.50 -35.40 -36.50 -35.40 -36.5	Yield to Worst 1.74 1.74 3.34 6.66 0.95 1.45 4.60 - 5.00
INDEX NAME FIXED INCOME INDICES - YIELD US 3 MONTH US 2 YEAR US 10 YEAR FIXED INCOME INDICES - BY TY GLOBAL AGG TR HEDGED US GOVERNMENT TR US CORPORATE TR US HIGH YIELD TR EU GOVERNMENT TR EU GOVERNMENT TR EU HIGH YIELD TR BARCLAYS GLOBAL CONVERT. GLOBAL BUT TR EU HIGH YIELD TR BARCLAYS GLOBAL CONVERT. GLOBAL BUT TR GEOLENGY TR GSCI INDEX TOTAL RETURN GSCI ENERGY TR GSCI INDUSTRIAL METALS TR GSCI AGRICULTURE TR GENERIC 1ST 'CL' FUTURE GOLD SPOT \$100Z CURRENCIES DOLLAR INDEX SPOT	EUR RMANCE CCY ON US G USD	1124.47 Last Price OVERNMENT B 0.0102 0.605 2.3429 SUER 474.88 2083.5 2570.45 1658.33 237.14 242.1 271.76 221.24 328.7302 94.86164 EER 3042.31 596.322 1123.46 1426.587 522.1229 52.78 1159.43	-0.55 1D ONDS (Char 0.00 0.02 0.02 -0.29 -0.46 -0.65 0.09 -0.08 -0.06 0.17 -0.66 0.01 -0.02 1.51 2.21 1.98 -0.19 0.58 1.91 0.31	-1.00 5D oge in bps) 0.01 -0.02 -0.04 0.54 0.48 0.45 -0.47 0.93 0.10 -0.60 -1.49 -0.02 -0.17 4.20 -5.68 -2.16 -0.47 -1.40 -5.52 -0.46	0.94 MTD 0.01 -0.04 -0.01 0.25 0.23 0.27 -0.22 0.47 0.05 -0.20 -1.41 0.08 -0.21 -5.70 -6.08 -0.955 -0.80 0.57	-1.83 PRICE CHAN 1M -0.01 -0.12 -0.14 0.55 0.77 0.37 -0.65 0.76 -0.06 -1.19 -2.42 0.12 -1.04 -6.26 -9.96 -5.93 -1.83 7.01 -13.42 -1.95	-2.55 GE IN % (unless 3M -0.01 0.05 0.40 -2.00 -1.15 -3.03 -0.97 -4.53 -3.03 -2.42 -2.23 -1.07 -1.70 0.54 0.94 -6.59 -3.25 5.37 -1.16 -3.69	0.12 s indicated) 6M -0.01 0.04 0.40 -0.81 -0.72 -1.88 -1.67 0.91 3.05 2.80 -0.70 -0.11 4.24 -9.21 -5.16 -3.88 2.38 -4.86	-0.01 -0.03 -0.06 -0.17 -0.14 -0.31 -0.66 -0.82 -1.42 -1.11 -0.56 -0.82 -1.42 -1.11 -0.51 -0.51 -0.51 -0.51 -0.51 -0.51 -0.589 -0.34 -11.19 -1.19 -1.19 -1.19 -1.19 -1.19 -1.19 -1.19 -1.19 -1.19 -1.19 -1.19 -1.19 -1.19	-2.39 1Y -0.01 0.15 -0.19 3.25 2.68 1.11 -0.66 4.52 1.89 1.75 2.14 0.24 -4.16 -38.64 -48.13 -20.46 -14.74 -11.04 -47.46 -12.93	7.11 3Y 9.73 2.37 9.10 20.85 20.60 16.46 32.97 34.00 13.42 1.07 -34.70 -39.47 -24.08 -30.50 -35.40 -38.12 -25.79	Yield to Worst 1.74 1.74 3.34 6.66 0.95 1.45 4.60 - 5.00
MARKET INDICES PERFORMINDEX NAME FIXED INCOME INDICES - YIELD US 3 MONTH US 2 YEAR US 10 YEAR FIXED INCOME INDICES - BY TY GLOBAL AGG TR HEDGED US GOVERNMENT TR US CORPORATE TR US HIGH YIELD TR EU GOVERNMENT TR EU CORPORATE TR EU HIGH YIELD TR EBARCLAYS GLOBAL CONVERT. GLOBAL EM TR (HEDGED) SAP/LSTA U.S. LEV LOAN COMMODITY INDICES - BY TYPI GSCI INDEX TOTAL RETURN GSCI ENERGY TR GSCI INDUSTRIAL METALS TR GSCI AGRICULTURE TR GENERIC TST 'CL' FUTURE GOLD SPOT \$/OZ CURRENCIES DOLLAR INDEX SPOT EURO SYMPA	EUR RMANCE CCY USD	1124.47 Last Price OVERNMENT B 0.0102 0.605 2.3429 SUER 474.88 2083.5 2570.45 1658.33 237.14 242.1 271.76 221.24 328.7302 94.86164 EER 3042.31 596.322 1123.46 1426.587 522.1229 52.78 1159.43	-0.55 -0.55 -0.00 -0.00 -0.02 -0.02 -0.29 -0.46 -0.65 -0.09 -0.08 -0.06 -0.11 -0.02 -0.21 -0.51 -0.66 -0.01 -0.02 -0.66 -0.01 -0.02 -0.66 -0.01 -0.02 -0.66 -0.01 -0.02 -0.66 -0.01 -0.02	-1.00 5D ge in bps) 0.01 -0.02 -0.04 0.54 0.48 0.45 -0.47 0.93 0.10 -0.60 -1.49 -0.02 -0.17 -4.20 -5.68 -2.16 -0.47 -1.40 -5.52 -0.46	0.94 MTD 0.01 -0.04 -0.01 0.25 0.23 0.27 -0.22 0.47 0.05 -0.20 -1.41 0.08 -0.21 5.70 -8.08 -0.97 -1.11 -2.60 -9.55 -0.80	-1.83 PRICE CHAN 1M -0.01 -0.12 -0.14 0.55 0.77 0.37 -0.65 0.76 -0.06 -1.19 -2.42 0.12 -1.04 -6.26 -9.96 -5.93 -1.83 7.01 -13.42 -1.95	-2.55 GE IN % (unless 3M -0.01 0.05 0.40 -2.00 -1.15 -3.03 -0.97 -4.53 -3.03 -2.42 -2.23 -1.07 -1.70 0.54 0.94 -6.59 -3.25 5.37 -1.16 -3.69 -3.34 4.77	0.12 s indicated) 6M -0.01 0.04 0.40 -0.81 -0.72 -1.88 2.07 -1.08 -1.67 0.91 3.05 2.80 -0.70 -0.11 4.24 -9.21 -5.16 -3.88 2.38 -4.86 4.45 -6.12	-0.01 -0.03 -0.06 -0.17 -0.14 -0.31 -0.66 -0.30 -0.82 -1.42 -1.41 -0.51 -0.51 -0.51 -0.51 -0.51 -0.51 -0.589 -0.534 -11.19 -0.534 -1.184 -0.58 -0.51	-2.39 1Y -0.01 0.15 -0.19 3.25 2.68 1.11 -0.66 4.52 1.89 1.75 2.14 0.24 -4.16 -38.64 48.13 -20.46 -14.74 -11.04 -47.46 -12.93	7.11 3Y 9.73 2.37 9.10 20.85 20.60 16.46 32.97 34.00 13.42 1.07 	Yield to Worst 1.74 1.74 3.34 6.66 0.95 1.45 4.60 - 5.00
INDEX NAME FIXED INCOME INDICES - YIELD US 3 MONTH US 2 YEAR US 10 YEAR FIXED INCOME INDICES - BY TY GLOBAL AGG TR HEDGED US GOVERNMENT TR US CORPORATE TR US HIGH YIELD TR EU GOVERNMENT TR EU GOVERNMENT TR EU HIGH YIELD TR BARCLAYS GLOBAL CONVERT. GLOBAL EM TR (HEDGED) S&P/LSTA U.S. LEV LOAN COMMODITY INDICES - BY TYPI GSCI INDEX TOTAL RETURN GSCI PRECIOUS METALS TR GSCI PRECIOUS METALS TR GSCI PRECIOUS METALS TR GSCI AGRICULTURE TR GCHERIC IST 'CL' FUTURE GOLD SPOT \$/OZ CURRENCIES DOLLAR INDEX SPOT EURO SPOT Japanese Yen Spot	EUR RMANCE CCY OON US G USD	1124.47 E Last Price OVERNMENT B 0.0102 0.605 2.3429 SUER 474.88 2083.5 2570.45 1658.33 237.14 242.1 271.76 221.24 328.7302 94.86164 EER 3042.31 596.322 1123.46 1426.587 522.1229 52.78 1159.43 96.606 1.1036 1.1036 121.34	-0.55 1D ONDS (Char 0.00 0.02 0.02 -0.29 -0.46 -0.65 0.09 -0.08 -0.06 0.17 -0.60 0.01 -0.02 1.51 1.98 -0.19 0.58 1.91 0.31 -0.60 0.67 -0.60	-1.00 5D ge in bps) 0.01 -0.02 -0.04 0.54 0.48 0.45 -0.47 0.93 0.10 -0.60 -1.49 -0.02 -0.17 -4.20 -5.68 -2.16 -0.47 -1.40 -5.52 -0.46	-0.94 MTD 0.01 -0.04 -0.01 0.25 0.23 0.27 -0.22 0.47 0.05 -0.20 -1.41 0.08 -0.21 -5.70 -8.08 -0.97 -1.11 -2.60 -9.55 -0.80 0.57 -0.33 0.35	-1.83 PRICE CHAN 1M -0.01 -0.12 -0.14 0.55 0.77 0.37 -0.65 0.76 -0.06 -1.19 -2.42 0.12 -1.04 -6.26 -9.96 -5.93 -1.83 7.01 -13.42 -1.95	-2.55 GE IN % (unles 3M -0.01 0.05 0.40 -2.00 -1.15 -3.03 -0.97 -4.53 -3.03 -2.42 -2.23 -1.07 -1.70 0.54 0.94 -6.59 -3.25 5.37 -1.16 -3.69 -3.34 4.77 -1.52	0.12 s indicated) 6M -0.01 0.04 0.40 -0.81 -0.72 -1.88 2.07 -1.08 -1.67 0.91 3.05 2.80 -0.70 -0.11 4.24 -9.21 -5.16 -3.88 2.38 -4.86 4.45 -6.12 -3.05	-0.01 -0.03 -0.06 -0.17 -0.14 -0.31 -0.66 -0.32 -1.42 -1.11 -0.62 -0.51 -5.89 -5.34 -11.19 -2.34 -3.57 -1.84 -6.38 -8.17 -1.88	-2.39 1Y -0.01 0.15 -0.19 3.25 2.68 1.11 -0.66 4.52 1.89 1.75 2.14 0.24 -4.16 -38.64 -48.13 -20.46 -14.74 -11.04 -47.46 -12.93	9.73 2.37 9.10 20.85 16.46 32.97 34.00 13.42 1.07 -34.70 -39.47 -24.08 -30.50 -35.42 -25.79	Yield to Worst 1.74 1.74 3.34 6.66 0.95 1.45 4.60 - 5.00
INDEX NAME FIXED INCOME INDICES - YIELD US 3 MONTH US 2 YEAR US 10 YEAR FIXED INCOME INDICES - BY TY GLOBAL AGG TR HEDGED US GOVERNMENT TR US CORPORATE TR US HIGH YIELD TR EU GOVERNMENT TR EU GOVERNMENT TR EU HIGH YIELD TR BARCLAYS GLOBAL CONVERT. GLOBAL EM TR (HEDGED) S&P/LSTA U.S. LEV LOAN COMMODITY INDICES - BY TYPI GSCI INDEX TOTAL RETURN GSCI ENERGY TR GSCI PRECIOUS METALS TR GSCI AGRICULTURE TR GENERIC 15T 'CL' FUTURE GOLD SPOT \$/OZ CURRENCIES DOLLAR INDEX SPOT EURO Spot Japanese Yen Spot British Pound Spot	EUR RMANCE CCY CON US G USD	1124.47 E Last Price OVERNMENT B 0.0102 0.605 2.3429 SUER 474.88 2083.5 2570.45 1658.33 237.14 242.1 271.76 221.24 328.7302 94.86164 EER 3042.31 596.322 1123.46 1426.587 522.1229 52.78 1159.43	-0.55 -0.55 -0.00 -0.00 -0.02 -0.02 -0.29 -0.46 -0.65 -0.09 -0.08 -0.06 -0.11 -0.02 -0.21 -0.51 -0.66 -0.01 -0.02 -0.66 -0.01 -0.02 -0.66 -0.01 -0.02 -0.66 -0.01 -0.02 -0.66 -0.01 -0.02	-1.00 5D ge in bps) 0.01 -0.02 -0.04 0.54 0.48 0.45 -0.47 0.93 0.10 -0.60 -1.49 -0.02 -0.17 -4.20 -5.68 -2.16 -0.47 -1.40 -5.52 -0.46	-0.94 MTD 0.01 -0.04 -0.01 0.25 0.23 0.27 -0.22 0.47 0.05 -0.20 -1.41 0.08 -0.21 -5.70 -8.08 -0.97 -1.111 -2.60 -9.55 -0.80 0.57 -0.35 -1.80	-1.83 PRICE CHAN 1M -0.01 -0.12 -0.14 0.55 0.77 0.37 -0.65 0.76 -0.06 -1.19 -2.42 0.12 -1.04 -6.26 -9.96 -5.93 -1.83 7.01 -13.42 -1.95 1.46 -1.89 0.50 -0.65	-2.55 GE IN % (unles 3M -0.01 0.05 0.40 -2.00 -1.15 -3.03 -0.97 -4.53 -3.03 -2.42 -2.23 -1.07 -1.70 0.54 0.94 -6.59 -3.25 5.37 -1.16 -3.69 -3.34 4.77 -1.52 5.45	0.12 s indicated) 6M -0.01 0.04 0.40 -0.81 -0.72 -1.88 2.07 -1.08 -1.67 0.91 3.05 2.80 -0.70 -0.11 4.24 -9.21 -5.16 -3.88 2.38 -4.86 4.45 -6.12 -3.05 1.70	-0.01 -0.03 -0.06 -0.17 -0.14 -0.31 -0.66 -0.82 -0.82 -1.42 -1.11 -0.51 -0.51 -0.51 -0.51 -0.51 -0.51 -0.51 -0.51 -0.51 -0.51 -0.51	-2.39 1Y -0.01 0.15 -0.19 3.25 2.68 1.11 -0.66 4.52 1.89 1.75 2.14 0.24 -4.16 -38.64 -48.13 -20.46 -14.74 -11.04 -47.46 -12.93	9.73 2.37 9.73 2.37 9.10 20.85 20.85 20.85 21.07 34.00 32.97 34.00 34.70 34.70 39.47 -24.08 30.50 35.40 38.12 2.57.79	Yield to Worst 1.74 1.74 3.34 6.66 0.95 1.45 4.60 - 5.00
INDEX NAME FIXED INCOME INDICES - YIELD US 3 MONTH US 2 YEAR US 10 YEAR FIXED INCOME INDICES - BY TY GLOBAL AGG TR HEDGED US GOVERNMENT TR US CORPORATE TR US HIGH YIELD TR EU GOVERNMENT TR EU GOVERNMENT TR EU HIGH YIELD TR BARCLAYS GLOBAL CONVERT. GLOBAL EM TR (HEDGED) S&P/LSTA U.S. LEV LOAN COMMODITY INDICES - BY TYPI GSCI INDEX TOTAL RETURN GSCI ENERGY TR GSCI PRECIOUS METALS TR GSCI PRECIOUS METALS TR GSCI AGRICULTURE TR GCINERIC IST 'CL' FUTURE GOLD SPOT \$/OZ CURRENCIES DOLLAR INDEX SPOT EURO SPOT JADANESS YEN JADANESS YEN JADANESS YEN JADANESS YEN JADANESS YEN JELLO TOTAL RETURN GSCI PRECIOUS METALS TR GSCI PRECIOUS M	EUR RMANCE CCY OON US G USD	1124.47 E Last Price OVERNMENT B 0.0102 0.605 2.3429 SUER 474.88 2083.5 2570.45 1658.33 237.14 242.1 271.76 221.24 328.7302 94.86164 EER 3042.31 596.322 1123.46 1426.587 522.1229 52.78 1159.43 96.606 1.1036 1.1036 121.34	-0.55 1D ONDS (Char 0.00 0.02 0.02 -0.29 -0.46 -0.65 0.09 -0.06 0.17 -0.66 0.01 -0.02 1.51 1.98 -0.19 0.58 -0.19 0.59 1.91 0.31	-1.00 5D ge in bps) 0.01 -0.02 -0.04 0.54 0.48 0.45 -0.47 0.93 0.10 -0.60 -1.49 -0.02 -0.17 -4.20 -5.68 -2.16 -0.47 -1.40 -5.52 -0.46	-0.94 MTD 0.01 -0.04 -0.01 0.25 0.23 0.27 -0.22 0.47 0.05 -0.20 -1.41 0.08 -0.21 -5.70 -8.08 -0.97 -1.11 -2.60 -9.55 -0.80 0.57 -0.33 0.35	-1.83 PRICE CHAN 1M -0.01 -0.12 -0.14 0.55 0.77 0.37 -0.65 0.76 -0.06 -1.19 -2.42 0.12 -1.04 -6.26 -9.96 -5.93 -1.83 7.01 -13.42 -1.95	-2.55 GE IN % (unles 3M -0.01 0.05 0.40 -2.00 -1.15 -3.03 -0.97 -4.53 -3.03 -2.42 -2.23 -1.07 -1.70 0.54 0.94 -6.59 -3.25 5.37 -1.16 -3.69 -3.34 4.77 -1.52	0.12 s indicated) 6M -0.01 0.04 0.40 -0.81 -0.72 -1.88 2.07 -1.08 -1.67 0.91 3.05 2.80 -0.70 -0.11 4.24 -9.21 -5.16 -3.88 2.38 -4.86 4.45 -6.12 -3.05	-0.01 -0.03 -0.06 -0.17 -0.14 -0.31 -0.66 -0.32 -1.42 -1.11 -0.62 -0.51 -5.89 -5.34 -11.19 -2.34 -3.57 -1.84 -6.38 -8.17 -1.88	-2.39 1Y -0.01 0.15 -0.19 3.25 2.68 1.11 -0.66 4.52 1.89 1.75 2.14 0.24 -4.16 -38.64 -48.13 -20.46 -14.74 -11.04 -47.46 -12.93	9.73 2.37 9.10 20.85 16.46 32.97 34.00 13.42 1.07 -34.70 -39.47 -24.08 -30.50 -35.42 -25.79	Yield to Worst 1.74 1.74 3.34 6.66 0.95 1.45 4.60 - 5.00
INDEX NAME FIXED INCOME INDICES - YIELD US 3 MONTH US 2 YEAR US 10 YEAR FIXED INCOME INDICES - BY TY GLOBAL AGG TR HEDGED US GOVERNMENT TR US CORPORATE TR US HIGH YIELD TR EU GOVERNMENT TR EU GOVERNMENT TR EU HIGH YIELD TR BARCLAYS GLOBAL CONVERT. GLOBAL EM TR (HEDGED) SAP/LSTA U.S. LEV LOAN COMMODITY INDICES - BY TYP! GSCI INDUSTRIAL METALS TR GSCI PRECIOUS METALS TR GSCI AGRICULTURE TR GSCI AGRICULTURE TR GENERIC 1ST 'CL' FUTURE GOLD SPOT \$10Z CURRENCIES DOLLAR INDEX SPOT EURO SPOT British POUND SPOT British POUND SPOT British POUND SPOT British POUND SPOT Brizzlian Real Spot Brazilian Real Spot	EUR RMANCE CCY ON US G USD	1124.47 Last Price OVERNMENT B 0.0102 0.805 2.3429 SUER 474.88 2083.5 2570.45 1658.33 237.14 242.1 271.76 221.24 328.7302 94.86164 EER 3042.31 596.322 1123.46 1426.587 522.1229 52.78 1159.43	-0.55 -0.55 -0.55 -0.00 -0.00 -0.02 -0.29 -0.46 -0.65 -0.09 -0.08 -0.06 -0.11 -0.02 -0.58 -0.19 -0.58 -0.91 -0.58 -0.91 -0.60 -0.67 -0.60 -0.67 -0.60 -0.32 -0.47	-1.00 5D ge in bps) 0.01 -0.02 -0.04 0.54 0.48 0.45 -0.47 0.93 0.10 -0.02 -0.17 -1.49 -0.02 -0.17 -4.20 -5.68 -2.16 -0.47 -1.40 -5.52 -0.46 -0.09 -0.04 0.59 -0.09 -0.04 0.59 -0.91 -3.84	0.94 MTD 0.01 -0.04 -0.01 0.25 0.23 0.27 -0.22 0.47 0.05 -0.20 -1.41 0.08 -0.21 5.70 -8.08 -0.97 -1.11 -2.60 -9.55 -0.80 0.57 -0.33 0.35 -1.80 -3.64	-1.83 PRICE CHAN 1M -0.01 -0.12 -0.14 0.55 0.77 0.37 -0.65 0.76 -0.06 -1.19 -2.42 0.12 -1.04 -6.26 -9.96 -5.93 -1.83 -7.01 -13.42 -1.95 1.46 -1.89 0.50 -0.65 -3.83	-2.55 GE IN % (unless 3M -0.01 0.05 0.40 -2.00 -1.15 -3.03 -0.97 -4.53 -3.03 -2.42 -2.23 -1.07 -1.70 0.54 0.94 -6.59 -3.25 5.37 -1.16 -3.69 -3.34 4.77 -1.52 5.45 -5.05	0.12 s indicated) 6M -0.01 0.04 0.40 -0.81 -0.72 -1.88 2.07 -1.08 -1.67 0.91 3.05 2.80 -0.70 -0.11 4.24 -9.21 -5.16 -3.88 2.38 -4.86 4.45 -6.12 -3.05 1.70 -18.24	-0.01 -0.03 -0.08 -0.17 -0.14 -0.31 -0.66 -0.30 -0.82 -1.42 -1.41 -0.51 -0.51 -0.51 -0.51 -0.51 -0.51 -0.51 -0.51 -0.51 -0.51	-2.39 1Y -0.01 0.15 -0.19 3.25 2.68 1.11 -0.66 4.52 1.89 1.75 2.14 0.24 -4.16 -38.64 -48.13 -20.46 -14.74 -11.04 -47.46 -12.93 19.84 -18.36 -16.98 -9.94 -31.29	7.11 3Y 9.73 2.37 9.10 20.85 20.60 16.46 32.97 34.00 13.42 1.07 -34.70 -39.47 -24.08 -30.50 -35.40 -38.12 -25.79 15.14 -9.31 -34.93 -0.59 -36.89	Yield to Worst 1.74 1.74 3.34 6.66 0.95 1.45 4.60 - 5.00
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INDEX NAME FIXED INCOME INDICES - YIELD US 3 MONTH US 2 YEAR US 10 YEAR FIXED INCOME INDICES - BY TY GLOBAL AGG TR HEDGED US GOVERNMENT TR US CORPORATE TR US HIGH YIELD TR EU GOVERNMENT TR EU GOVERNMENT TR EU HIGH YIELD TR BARCLAYS GLOBAL CONVERT. GLOBAL EM TR (HEDGED) S&P/LSTA U.S. LEV LOAN COMMODITY INDICES - BY TYPI GSCI INDEX TOTAL RETURN GSCI ENERGY TR GSCI INDUSTRIAL METALS TR GSCI AGRICULTURE TR GSCI AGRICULTURE TR GENERIC 1ST 'CL' FUTURE GOLD SPOT \$/OZ CURRENCIES DOLLAR INDEX SPOT Euro Spot Japanese Yen Spot Brazilian Real Spot China Renminbi Spot Singapore Dollar Spot Norwegian Krone Spot	USD	1124.47 E Last Price OVERNMENT B 0.0102 0.605 2.3429 SUER 474.88 2083.5 2570.45 1658.33 237.14 242.1 271.76 221.24 328.7302 94.86164 EER 3042.31 596.322 1123.46 1426.587 522.1229 52.78 1159.43 96.606 1.1036 1.2134 1.538 3.2203 6.2088 1.3498	-0.55 1D ONDS (Char 0.00 0.02 0.02 -0.29 -0.46 -0.65 0.09 -0.08 -0.06 0.17 -0.60 0.01 -0.02 1.51 1.98 -0.19 0.58 1.91 0.31 -0.60 0.60 0.32 0.47 0.00 -0.04	-1.00 5D ge in bps) 0.01 -0.02 -0.04 0.54 0.48 0.45 -0.47 0.93 0.10 -0.60 -1.49 -0.02 -0.17 -4.20 -5.58 -2.16 -0.47 -1.40 -5.52 -0.46 -0.09 -0.04 0.59 -0.91 -3.84 -0.05 -0.33	-0.94 MTD 0.01 -0.04 -0.01 0.25 0.23 0.27 -0.22 0.47 0.05 -0.20 -1.41 0.08 -0.21 -5.70 -8.08 -0.97 -1.111 -2.60 -9.55 -0.80 0.57 -0.35 -1.80 -0.61 -0.13 -0.22	-1.83 PRICE CHAN 1M -0.01 -0.12 -0.14 0.55 0.77 0.37 -0.65 0.76 -0.06 -1.19 -2.42 0.12 -1.04 -6.26 -9.96 -5.93 -1.83 7.01 -13.42 -1.95 1.46 -1.89 0.50 -0.65 -3.83 -0.05 -0.65 -3.83 -0.05 -0.65	-2.55 GE IN % (unles 3M -0.01 0.05 0.40 -2.00 -1.15 -3.03 -0.97 -4.53 -3.03 -2.42 -2.23 -1.07 -1.70 0.54 0.94 -6.59 -3.25 5.37 -1.16 -3.69 -3.34 4.77 -1.52 5.45 -5.05 0.00 1.32	0.12 s indicated) 6M -0.01 0.04 0.40 -0.81 -0.72 -1.88 2.07 -1.08 -1.67 0.91 3.05 2.80 -0.70 -0.11 4.24 -9.21 -5.16 -3.88 2.38 -4.86 4.45 -6.12 -3.05 1.70 -18.24 -0.08 -1.19	-0.01 -0.03 -0.06 -0.17 -0.14 -0.31 -0.66 -0.32 -1.42 -1.11 -0.51 -0.52 -1.42 -1.11 -0.51 -0.51 -0.51 -1.88 -0.51 -1.84	-2.39 1Y -0.01 0.15 -0.19 3.25 2.68 1.11 -0.66 4.52 1.89 1.75 2.14 0.24 -4.16 -38.64 -48.13 -20.46 -14.74 -11.04 -47.46 -12.93 19.84 -18.36 -16.98 -9.94 -31.29 -0.11 -8.06	9.73 9.73 2.37 9.10 20.85 20.60 16.46 32.97 34.00 13.42 1.07 -34.70 -34.70 -39.47 -24.08 -30.50 -35.41 -34.93 -0.59 -36.89 2.53 -6.03	Yield to Worst 1.74 1.74 3.34 6.66 0.95 1.45 4.60 - 5.00
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INDEX NAME FIXED INCOME INDICES - YIELD US 3 MONTH US 2 YEAR US 10 YEAR FIXED INCOME INDICES - BY TY GLOBAL AGG TR HEDGED US GOVERNMENT TR US CORPORATE TR US HIGH YIELD TR EU GOVERNMENT TR EU CORPORATE TR EU HIGH YIELD TR EU GOVERNMENT TR EU HIGH YIELD TR EBARCLAYS GLOBAL CONVERT. GLOBAL EM TR (HEDGED) SAP/LSTA U.S. LEV LOAN COMMODITY INDICES - BY TYPI GSCI INDEX TOTAL RETURN GSCI ENERGY TR GSCI ENGUS METALS TR GSCI AGRICULTURE TR GSCI AGRICU	EUR RMANCE CCY ON US G USD	1124.47 Last Price OVERNMENT B 0.0102 0.605 2.3429 SUER 474.88 2083.5 2570.45 1658.33 237.14 242.1 271.76 221.24 328.7302 94.86164 IER 3042.31 596.322 1123.46 1426.587 522.1229 52.78 1159.43 96.606 1.1036 121.34 1.538 3.2203 6.2088 1.3498 8.1399	-0.55 -0.55 -0.55 -0.00 0.00 0.02 -0.29 -0.46 -0.65 -0.09 -0.08 -0.06 -0.01 -0.02 -0.21 1.51 -0.66 -0.01 -0.02 -0.66 -0.01 -0.02 -0.66 -0.01 -0.02 -0.66 -0.01 -0.02 -0.66 -0.01 -0.02 -0.60 -0.30 -0.60 -0.30 -0.60 -0.30 -0.60 -0.30 -0.64 -0.84	-1.00 5D ge in bps) 0.01 -0.02 -0.04 0.54 0.48 0.45 -0.47 0.93 0.10 -0.60 -1.49 -0.02 -0.17 -4.20 -5.68 -2.16 -0.47 -1.40 -5.52 -0.46 -0.09 -0.04 0.59 -0.04 0.59 -0.01 -0.05 -0.03 -1.04	0.94 MTD 0.01 -0.04 -0.01 0.25 0.23 0.27 -0.22 0.47 0.05 -0.20 -1.41 0.08 -0.21 5.70 -8.08 -0.97 -1.11 -2.60 -9.55 -0.80 0.57 -0.33 0.35 -1.80 -0.13 -0.22 -2.71	-1.83 PRICE CHAN 1M -0.01 -0.12 -0.14 0.55 0.77 0.37 -0.65 0.76 -0.06 -1.19 -2.42 0.12 -1.04 -6.26 -9.96 -5.93 -1.83 -7.01 -13.42 -1.95 1.46 -1.89 0.50 -0.65 -3.83 -0.05 -3.83 -0.05 -3.83	-2.55 GE IN % (unless 3M -0.01 0.05 0.40 -2.00 -1.15 -3.03 -0.97 -4.53 -3.03 -2.42 -2.23 -1.07 -1.70 0.54 0.94 -6.59 -3.25 5.37 -1.16 -3.69 -3.34 4.77 -1.52 5.45 -5.05 0.00 1.32 0.34	0.12 s indicated) 6M -0.01 0.04 0.40 -0.81 -0.72 -1.88 2.07 -1.08 -1.67 0.91 3.05 2.80 -0.70 -0.11 4.24 -9.21 -5.16 -3.88 2.38 -4.86 4.45 -6.12 -3.05 1.70 -18.24 -0.08 -1.19 -4.05	-0.01 -0.03 -0.06 -0.17 -0.14 -0.31 -0.66 -0.30 -0.62 -1.42 -1.41 -1.41 -0.51 -0.51 -0.51 -0.51 -0.51 -0.51 -0.51 -0.51 -0.589 -0.534 -1.19 -0.357 -0.37 -1.84 -0.55 -1.84 -7.88	-2.39 1Y -0.01 0.15 -0.19 3.25 2.68 1.11 -0.66 4.52 1.89 1.75 2.14 0.24 -4.16 -38.64 48.13 -20.46 -14.74 -11.04 47.46 -12.93 19.84 -18.36 -16.98 -9.94 -31.29 -0.11 -8.06 -23.52	7.11 3Y 9.73 2.37 9.10 20.85 20.65 16.46 32.97 34.00 13.42 1.07 	Yield to Worst 1.74 1.74 3.34 6.66 0.95 1.45 4.60 - 5.00

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