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## The Morning Email: STIRS

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Want something added? Let me know: [jgoulding@ghco.com](mailto:jgoulding@ghco.com)

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Symbol	Bid	Ask	Last Quote	Last Trade	Hi	Low	Net Chng	Open	Exp Date	Yest. Volume	Today's Volume	Contract Month
F.QEAN08	95.005	95.010	95.005	95.005	95.020	95.000	(0.005)	95.020	7/14/2008	8,382	10,372	JUL
F.QEAQ08	#VALUE!	#VALUE!	#VALUE!	94.935	#VALUE!	#VALUE!	#VALUE!	#VALUE!	8/18/2008	1	0	AUG
<b>f.qeau08</b>	<b>94.890</b>	<b>94.895</b>	<b>94.895</b>	<b>94.895</b>	<b>94.905</b>	<b>94.880</b>	<b>0.000</b>	<b>94.890</b>	<b>9/15/2008</b>	<b>100,102</b>	<b>80,822</b>	<b>SEP</b>
f.qeav08	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	10/13/2008	0	0	OCT
f.qeaz08	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	11/17/2008	0	0	NOV
<b>f.qeaz08</b>	<b>94.745</b>	<b>94.750</b>	<b>94.750</b>	<b>94.750</b>	<b>94.765</b>	<b>94.710</b>	<b>0.000</b>	<b>94.750</b>	<b>12/15/2008</b>	<b>117,802</b>	<b>60,039</b>	<b>DEC</b>
<b>f.qeah09</b>	<b>94.740</b>	<b>94.745</b>	<b>94.740</b>	<b>94.740</b>	<b>94.765</b>	<b>94.700</b>	<b>(1.000)</b>	<b>94.750</b>	<b>3/16/2009</b>	<b>125,194</b>	<b>86,431</b>	<b>MAR</b>
<b>f.qeam09</b>	<b>94.805</b>	<b>94.810</b>	<b>94.810</b>	<b>94.810</b>	<b>94.830</b>	<b>94.760</b>	<b>(0.500)</b>	<b>94.805</b>	<b>6/15/2009</b>	<b>87,802</b>	<b>54,284</b>	<b>JUN</b>
f.qeau09	94.900	94.905	94.905	94.905	94.925	94.860	(0.500)	94.905	9/14/2009	61,444	44,282	SEP
f.qeaz09	94.960	94.965	94.965	94.965	94.990	94.925	(0.500)	94.955	12/14/2009	48,376	36,472	DEC
f.qeah10	95.035	95.040	95.040	95.040	95.070	95.005	(1.000)	95.030	3/15/2010	37,522	29,109	MAR
f.qeam10	95.045	95.050	95.050	95.050	95.080	95.020	(2.000)	95.040	6/14/2010	25,614	15,012	JUN
f.qeau10	95.045	95.050	95.050	95.045	95.085	95.035	(3.000)	95.050	9/13/2010	15,649	13,262	SEP
f.qeaz10	95.030	95.040	95.035	95.035	95.070	95.020	(4.000)	95.070	12/13/2010	7,471	7,440	DEC
f.qeah11	95.080	95.095	95.090	95.090	95.130	95.085	(4.500)	95.130	3/14/2011	7,229	2,312	MAR
f.qeam11	95.105	95.130	95.130	95.120	95.145	95.110	(4.500)	95.140	6/13/2011	3,855	1,063	JUN
f.qeau11	95.125	95.150	95.150	95.145	95.145	95.145	(6.500)	95.145	9/19/2011	994	1	SEP
f.qeaz11	95.130	#VALUE!	95.130	95.200	#VALUE!	#VALUE!	(12.000)	#VALUE!	12/19/2011	25	0	DEC
f.qeah12	#VALUE!	#VALUE!	#VALUE!	95.250	#VALUE!	#VALUE!	#VALUE!	#VALUE!	3/19/2012	12	0	MAR
f.qeam12	#VALUE!	#VALUE!	#VALUE!	95.285	#VALUE!	#VALUE!	#VALUE!	#VALUE!	6/18/2012	326	0	JUN
f.qeau12	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	9/17/2012	0	0	SEP
f.qeaz12	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	12/17/2012	0	0	DEC
f.qeaH13	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	3/18/2013	0	0	MAR
f.qeaM13	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	6/17/2013	0	0	JUN

**The trading hours of the EURIBOR Futures Contract are:**

London: 01:00 to 21:00 Hrs

Paris: 02:00 to 22:00 Hrs

Frankfurt: 02:00 to 22:00 Hrs

Singapore: 08:00 to 04:00 Hrs

Hong Kong: 08:00 to 04:00 Hrs

Tokyo: 09:00 to 05:00 Hrs

Sydney: 10:00 to 06:00 Hrs

Chicago: 19:00 to 15:00 Hrs

New York: 20:00 to 16:00 Hrs

**Notes:**

Contracts that make up the white pack have bolded symbols. The non-bolded 'white' contracts are serial contracts.

Pack and Bundle quotes are free & live via: <http://www.liffepacksandbundles.com/>

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The Morning Email, STIRS

Symbol	Bid	Ask	Last Quote	Last Trade	Hi	Low	Net Chng	Open	Exp Date	Yest. Volume	Today's Volume	Contract Month
<b>F.QSAM09</b>	<b>#VALUE!</b>	<b>#VALUE!</b>	<b>#VALUE!</b>	<b>#VALUE!</b>	<b>#VALUE!</b>	<b>#VALUE!</b>	<b>#VALUE!</b>	<b>#VALUE!</b>	<b>#VALUE!</b>	<b>#VALUE!</b>	<b>#VALUE!</b>	
F.QSAN08	93.900	94.000	94.000	#VALUE!	#VALUE!	#VALUE!	(0.015)	#VALUE!	7/16/2008	0	0	JUL
F.QSAQ08	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	8/20/2008	0	0	AUG
<b>F.QSAU08</b>	<b>93.830</b>	<b>93.835</b>	<b>93.830</b>	<b>93.830</b>	<b>93.840</b>	<b>93.815</b>	<b>2.000</b>	<b>93.825</b>	<b>9/17/2008</b>	<b>38,469</b>	<b>21,263</b>	<b>SEP</b>
<b>F.QSAZ08</b>	<b>93.735</b>	<b>93.740</b>	<b>93.735</b>	<b>93.735</b>	<b>93.740</b>	<b>93.710</b>	<b>2.000</b>	<b>93.710</b>	<b>12/17/2008</b>	<b>41,663</b>	<b>15,663</b>	<b>DEC</b>
<b>F.QSAH09</b>	<b>93.760</b>	<b>93.765</b>	<b>93.760</b>	<b>93.765</b>	<b>93.770</b>	<b>93.725</b>	<b>2.000</b>	<b>93.750</b>	<b>3/18/2009</b>	<b>69,638</b>	<b>23,956</b>	<b>MAR</b>
F.QSAM09	93.775	93.780	93.780	93.780	93.780	93.715	3.500	93.715	6/17/2009	53,009	20,211	JUN
F.QSAU09	93.770	93.775	93.775	93.770	93.780	93.715	4.000	93.745	9/16/2009	37,788	13,123	SEP
F.QSAZ09	93.765	93.770	93.765	93.765	1031.580	93.720	3.500	93.740	12/16/2009	22,647	7,557	DEC
F.QSAH10	93.780	93.785	93.785	93.780	93.790	93.740	3.500	93.750	3/17/2010	11,578	3,626	MAR
F.QSAM10	93.790	93.795	93.795	93.795	93.800	93.760	2.500	93.775	6/16/2010	6,818	1,322	JUN
F.QSAU10	93.815	93.825	93.825	93.810	93.820	93.785	3.000	93.820	9/15/2010	3,898	281	SEP
F.QSAZ10	93.835	93.855	93.855	93.840	93.840	93.810	3.500	93.825	12/15/2010	981	1,548	DEC
F.QSAH11	93.880	93.905	93.880	93.890	93.890	93.855	1.000	93.875	3/16/2011	395	43	MAR
F.QSAM11	93.945	93.985	93.985	93.950	93.950	93.910	6.500	93.920	6/15/2011	1,196	251	JUN
F.QSAU11	93.975	#VALUE!	93.975	93.990	#VALUE!	#VALUE!	1.000	#VALUE!	9/21/2011	80	0	SEP
F.QSAZ11	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	12/21/2011	0	0	DEC
F.QSAH12	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	3/21/2012	0	0	MAR
F.QSAM12	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	6/20/2012	0	0	JUN
F.QSAU12	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	9/19/2012	0	0	SEP
F.QSAZ12	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	12/19/2012	0	0	DEC
F.QSAH13	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	3/20/2013	0	0	MAR

**Notes:**

Contracts that make up the white pack have bolded.symbols. The non-bolded 'white' contracts are serial contracts.

Pack and Bundle quotes are free & live via: <http://www.liffepacksandbundles.com/>

**The following applies to the EURIBOR and SHORT STERLING:**

White pack = first, 4 quarterly contracts (the bolded ones, above)

Red pack = second, 4 quarterly contracts

Green pack = third, 4 quarterly contracts

Blue pack = fourth, 4 quarterly contracts

Gold pack = fifth, 4 quarterly contracts

**2yr Bundle = White pack + Red Pack**

**3yr Bundle = White pack + Red Pack + Green Pack**

**4yr Bundle = White pack + Red Pack + Green Pack + Blue Pack**

**5yr Bundle = White pack + Red Pack + Green Pack + Blue Pack + Gold Pack**

Symbol	Bid	Ask	Last Quote	Last Trade	Hi	Low	Net Chng	Open	Exp Date	Yest. Volume	Today's Volume	Contract Month
F.QGAM08	10429	10432	10432	10430			3		6/26/2008	430	0	JUN
F.QGAU08	10415	10416	10416	10416	10419	10391	2	10415	9/26/2008	76,856	24,947	SEP

## TRADING CALENDAR: BOND DERIVATIVES

Liffe Market: London

### Long Gilt

	Futures			Options
Time*	11.00			10.00
Delivery/Expiry Month	Last trading day	First notice day	Last notice day	Last trading day/ Expiry day
<b>2008</b>				
January				20 <sup>th</sup> Dec
February				24 <sup>th</sup> Jan
March	27 <sup>th</sup> Mar	28 <sup>th</sup> Feb	28 <sup>th</sup> Mar	22 <sup>nd</sup> Feb
April				22 <sup>nd</sup> Mar
May				23 <sup>rd</sup> Apr
June	26 <sup>th</sup> Jun	29 <sup>th</sup> May	27 <sup>th</sup> Jun	22 <sup>nd</sup> May
July				23 <sup>rd</sup> Jun
August				24 <sup>th</sup> Jul
September	26 <sup>th</sup> Sep	28 <sup>th</sup> Aug	29 <sup>th</sup> Sep	21 <sup>st</sup> Aug
October				23 <sup>rd</sup> Sep
November				24 <sup>th</sup> Oct
December	29 <sup>th</sup> Dec	27 <sup>th</sup> Nov	30 <sup>th</sup> Dec	21 <sup>st</sup> Nov

<b>USD LIBOR</b>	<b>Last Quote</b>	<b>Last Trade</b>	<b>Hi</b>	<b>Low</b>	<b>Net Chng</b>	<b>Open</b>		
USDLIBON	2.10500	2.10500	2.10500	2.09188	0.01312	2.09188		
USDLIB1M	2.48250	2.48250	2.48250	2.48188	0.00062	2.48188		
USDLIB3M	2.80813	2.80813	2.80938	2.80813	(0.00125)	2.80938		
USDLIB6M	3.17125	3.17125	3.18563	3.17125	(0.01438)	3.18563		
USDLIB1Y	3.50750	3.50750	3.55625	3.50750	(0.04875)	3.55625		
<b>GBP LIBOR</b>	<b>Last Quote</b>	<b>Last Trade</b>	<b>Hi</b>	<b>Low</b>	<b>Net Chng</b>	<b>Open</b>		
GBPLIBON	5.05250	5.05250	5.07750	5.05250	(0.02500)	5.07750		
GBPLIB1M	5.50188	5.50188	5.50563	5.50188	(0.00375)	5.50563		
GBPLIB3M	5.95188	5.95188	5.95250	5.95188	(0.00062)	5.95250		
GBPLIB6M	6.19188	6.19188	6.19625	6.19188	(0.00437)	6.19625		
GBPLIB1Y	6.46750	6.46750	6.47375	6.46750	(0.00625)	6.47375		
<b>EURIBOR DEPOSITS</b>	<b>Last Quote</b>	<b>Last Trade</b>	<b>Hi</b>	<b>Low</b>	<b>Net Chng</b>	<b>Open</b>		
EURLIBON	3.9700	3.9700	4.0038	3.9700	(0.0337)	4.0038		
EUIBOR1M	4.4820	4.4820	4.4890	4.4820	(0.0070)	4.4890		
EUIBOR3M	4.9580	4.9580	4.9580	4.9580	0.0000	4.9580		
EUIBOR6M	5.1250	5.1250	5.1270	5.1250	(0.0020)	5.1270		
EUIBOR1Y	5.4180	5.4180	5.4220	5.4180	(0.0040)	5.4220		
<b>GBP DEPOSITS</b>	<b>Bid</b>	<b>Ask</b>	<b>Last Quote</b>	<b>Last Trade</b>	<b>Hi</b>	<b>Low</b>	<b>Net Chng</b>	<b>Open</b>
GBPDEP1M	5.350	5.550	5.550	5.550	5.600	5.280	0.050	5.400
GBPDEP3M	5.810	6.010	6.010	6.010	6.060	5.730	0.050	5.860
GBPDEP6M	6.050	6.250	6.250	6.250	6.310	5.970	0.040	6.110
GBPDEP1Y	6.330	6.530	6.530	6.530	6.580	6.240	0.050	6.380
<b>CURRENCIES</b>	<b>Bid</b>	<b>Ask</b>	<b>Last Quote</b>	<b>Last Trade</b>	<b>Hi</b>	<b>Low</b>	<b>Net Chng</b>	<b>Open</b>
GBPUSD	1.9727	1.9731	1.9731	1.9731	1.9745	1.9657	0.0019	1.9706
GBPEUR	1.2654	1.2661	1.2654	1.2654	1.2671	1.2624	(0.0009)	1.2654
GBPJPY	2.1296	2.1303	2.1303	2.1303	2.1314	2.121	0.0050	2.1247
EURGBP	0.7899	0.7903	0.7903	0.7903	0.7925	0.7892	0.0003	0.7899

**Three Month Sterling (Short Sterling) Interest Rate Futures**

<b>Unit of trading</b>	£500,000
<b>Delivery months</b>	March, June, September, December, and two serial months, such that 23 delivery months are available for trading, with the nearest three delivery months being
<b>Quotation</b>	100.00 minus rate of interest
<b>Minimum price movement</b>	0.01 (£12.50)
<b>Last trading day</b>	11:00 - Third Wednesday of the delivery month.
<b>Delivery day</b>	First business day after the Last Trading Day.
<b>Trading hours</b>	07:30 - 18:00 [London time]
<b>Trading Platform:</b>	LIFFE CONNECT® Trading Host for Futures and Options. <b>Algorithm:</b> Central order book applies a pro-rata algorithm, but with priority given to the first order at
<b>Contract Standard:</b>	Cash settlement based on the Exchange Delivery Settlement Price.

**Euribor**

<b>Unit of trading</b>	£1,000,000
<b>Delivery months</b>	March, June, September,
<b>Quotation</b>	100.00 minus
<b>Minimum price movement</b>	0.005 (€12.50)
<b>Last trading day</b>	10:00 - Two business days
<b>Delivery day</b>	First business day after the
<b>Trading hours</b>	01:00 – 21:00 [London time]
<b>Trading Platform:</b>	LIFFE CONNECT®
<b>Contract Standard:</b>	Cash settlement

**Long Gilt Futures**

<b>Unit of trading</b>	£100,000 nominal value notional Gilt with 6% coupon
<b>Delivery months</b>	March, June, September, December, such that the nearest three delivery months are available for trading.
<b>Quotation</b>	Per £100 nominal
<b>Minimum price movement</b>	0.01 (£10)
<b>Last trading day</b>	11:00 - Third Wednesday of the delivery month.
<b>Delivery day</b>	Any business day in delivery month (at seller's choice)
<b>Trading hours</b>	08:00 - 18:00 [London time]
<b>Trading Platform:</b>	LIFFE CONNECT® Trading Host for Futures and Options. <b>Algorithm:</b> Central order book applies price/time priority trading algorithm .Wholesale <b>Services:</b> Asset Allocation, Block Trading, Basis Trading
<b>Contract Standard:</b>	See euronext.com