

## The Morning Email: STIRS

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

**Disclaimer:** All information within this newsletter is meant for internal use at GH Trader's LLC, only. All information has been recorded to the best of my ability. This material is based upon information that I consider reliable, but I do not represent that it is accurate or complete.

Symbol	Bid	Ask	Last Quote	Last Trade	Hi	Low	Net Chng	Open	Exp Date	Yest. Volume	Today's Volume	Contract Month
<b>f.qeau08</b>	<b>95.015</b>	<b>95.020</b>	<b>95.020</b>	<b>95.020</b>	<b>95.025</b>	<b>95.015</b>	<b>0.000</b>	<b>95.025</b>	<b>9/15/2008</b>	<b>53,559</b>	<b>10,555</b>	<b>SEP</b>
f.qeav08	94.925	94.930	94.925	94.920	94.920	94.920	(1.500)	94.920	10/13/2008	1,361	150	OCT
f.qeax08	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	11/17/2008	0	0	NOV
<b>f.qeaz08</b>	<b>94.950</b>	<b>94.955</b>	<b>94.950</b>	<b>94.950</b>	<b>94.960</b>	<b>94.930</b>	<b>1.000</b>	<b>94.940</b>	<b>12/15/2008</b>	<b>81,615</b>	<b>19,569</b>	<b>DEC</b>
f.qeaf09	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	1/19/2009	0	0	JAN
<b>f.qeah09</b>	<b>95.235</b>	<b>95.240</b>	<b>95.235</b>	<b>95.235</b>	<b>95.250</b>	<b>95.205</b>	<b>2.500</b>	<b>95.215</b>	<b>3/16/2009</b>	<b>112,607</b>	<b>22,659</b>	<b>MAR</b>
<b>f.qeam09</b>	<b>95.435</b>	<b>95.440</b>	<b>95.435</b>	<b>95.435</b>	<b>95.460</b>	<b>95.400</b>	<b>3.500</b>	<b>95.410</b>	<b>6/15/2009</b>	<b>116,789</b>	<b>23,250</b>	<b>JUN</b>
f.qeau09	95.580	95.585	95.570	95.570	95.605	95.535	4.000	95.545	9/14/2009	105,955	16,525	SEP
f.qeaz09	95.625	95.630	95.630	95.630	95.650	95.590	5.500	95.590	12/14/2009	85,963	10,312	DEC
f.qeah10	95.700	95.705	95.705	95.705	95.735	95.660	4.500	95.675	3/15/2010	57,512	10,916	MAR
f.qeam10	95.700	95.705	95.705	95.705	95.740	95.690	4.500	95.695	6/14/2010	31,608	4,033	JUN
f.qeau10	95.670	95.680	95.680	95.675	95.715	95.645	5.000	95.645	9/13/2010	14,104	1,621	SEP
f.qeaz10	95.600	95.610	95.605	95.605	95.650	95.570	4.500	95.570	12/13/2010	11,413	786	DEC
f.qeah11	95.600	95.610	95.610	95.600	95.635	95.600	5.000	95.635	3/14/2011	2,859	210	MAR
f.qeam11	95.575	95.590	95.590	95.575	95.600	95.575	4.500	95.600	6/13/2011	1,552	34	JUN
f.qeau11	95.550	95.580	95.580	95.595	#VALUE!	#VALUE!	5.000	#VALUE!	9/19/2011	32	0	SEP
f.qeaz11	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	12/19/2011	0	0	DEC
f.qeah12	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	3/19/2012	0	0	MAR
f.qeam12	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	6/18/2012	0	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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Symbol	Bid	Ask	Last Quote	Last Trade	Hi	Low	Net Chng	Open	Exp Date	Yest. Volume	Today's Volume	Contract Month
<b>F.QSAU08</b>	<b>94.230</b>	<b>94.235</b>	<b>94.235</b>	<b>94.230</b>	<b>94.235</b>	<b>94.205</b>	<b>0.500</b>	<b>94.215</b>	<b>9/17/2008</b>	<b>29,119</b>	<b>22,014</b>	<b>SEP</b>
F.QSAV08	#VALUE!	#VALUE!	94.190	#VALUE!	94.190	94.190	(0.500)	94.190	10/15/2008	0	0	OCT
F.QSAX08	#VALUE!	#VALUE!	94.190	#VALUE!	94.190	94.190	#VALUE!	94.190	11/19/2008	0	0	NOV
<b>F.QSAZ08</b>	<b>94.265</b>	<b>94.270</b>	<b>94.270</b>	<b>94.270</b>	<b>94.295</b>	<b>94.250</b>	<b>0.000</b>	<b>94.260</b>	<b>12/17/2008</b>	<b>45,332</b>	<b>19,063</b>	<b>DEC</b>
<b>F.QSAH09</b>	<b>94.745</b>	<b>94.750</b>	<b>94.750</b>	<b>94.750</b>	<b>94.785</b>	<b>94.710</b>	<b>0.000</b>	<b>94.740</b>	<b>3/18/2009</b>	<b>78,084</b>	<b>32,344</b>	<b>MAR</b>
<b>F.QSAM09</b>	<b>94.930</b>	<b>94.935</b>	<b>94.930</b>	<b>94.930</b>	<b>94.975</b>	<b>94.890</b>	<b>(0.500)</b>	<b>94.925</b>	<b>6/17/2009</b>	<b>65,541</b>	<b>33,209</b>	<b>JUN</b>
F.QSAU09	94.965	94.970	94.970	94.970	95.020	94.930	(1.500)	94.980	9/16/2009	46,427	26,743	SEP
F.QSAZ09	94.885	94.895	94.885	94.890	1044.285	94.845	(1.500)	94.905	12/16/2009	25,842	17,837	DEC
F.QSAH10	94.830	94.860	94.840	94.845	94.890	94.810	(2.500)	94.855	3/17/2010	11,091	6,029	MAR
F.QSAM10	94.745	94.770	94.750	94.755	94.800	94.730	(3.000)	94.765	6/16/2010	4,804	4,092	JUN
F.QSAU10	94.675	94.705	94.685	94.680	94.730	94.665	(3.000)	94.690	9/15/2010	1,096	1,134	SEP
F.QSAZ10	94.625	94.645	94.630	94.635	94.690	94.630	(3.000)	94.645	12/15/2010	201	177	DEC
F.QSAH11	94.615	94.660	94.620	94.635	94.635	94.615	(2.500)	94.615	3/16/2011	42	61	MAR
F.QSAM11	94.630	94.665	94.635	94.645	94.650	94.635	(2.500)	94.645	6/15/2011	3	21	JUN
F.QSAU11	#VALUE!	#VALUE!	94.655	#VALUE!	94.655	94.655	(4.000)	94.655	9/21/2011	0	0	SEP
F.QSAZ11	#VALUE!	#VALUE!	94.670	#VALUE!	94.670	94.670	(4.000)	94.670	12/21/2011	0	0	DEC
F.QSAH12	#VALUE!	#VALUE!	94.670	#VALUE!	94.670	94.670	(4.000)	94.670	3/21/2012	0	0	MAR
F.QSAM12	#VALUE!	#VALUE!	94.645	#VALUE!	94.645	94.645	(4.000)	94.645	6/20/2012	0	0	JUN
F.QSAU12	#VALUE!	#VALUE!	94.625	#VALUE!	94.625	94.625	(4.000)	94.625	9/19/2012	0	0	SEP
F.QSAZ12	#VALUE!	#VALUE!	94.605	#VALUE!	94.605	94.605	(4.000)	94.605	12/19/2012	0	0	DEC
F.QSAH13	#VALUE!	#VALUE!	94.585	#VALUE!	94.585	94.585	(4.000)	94.585	3/20/2013	0	0	MAR
F.QSAM13	#VALUE!	#VALUE!	94.570	#VALUE!	94.570	94.570	(4.000)	94.570	6/19/2013	0	0	JUN

**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**

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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.QGAU08	10920	10922	10920	10920	10949	10874	-7	10922	9/26/2008	69,610	81,761	SEP
F.QGAZ09	11092	11100	11104	11097	11136	11059	-4	11092	12/29/2008	464	7,464	DEC

## 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	2.09750	2.09750	2.09750	2.09750	0.00000	2.09750		
USDLIB1M	2.47188	2.47188	2.47188	2.47188	0.00000	2.47188		
USDLIB3M	2.81000	2.81000	2.81000	2.81000	0.00000	2.81000		
USDLIB6M	3.11375	3.11375	3.11375	3.11375	0.00000	3.11375		
USDLIB1Y	3.21250	3.21250	3.21250	3.21250	0.00000	3.21250		
<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	5.04625	5.04625	5.04625	5.04625	0.00000	5.04625		
GBPLIB1M	5.36563	5.36563	5.36563	5.36563	0.00000	5.36563		
GBPLIB3M	5.75875	5.75875	5.75875	5.75875	0.00000	5.75875		
GBPLIB6M	5.92063	5.92063	5.92063	5.92063	0.00000	5.92063		
GBPLIB1Y	6.03625	6.03625	6.03625	6.03625	0.00000	6.03625		
<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	4.2700	4.2700	4.2700	4.2656	0.0044	4.2656		
EUIBOR1M	4.4840	4.4840	4.4840	4.4840	0.0000	4.4840		
EUIBOR3M	4.9650	4.9650	4.9650	4.9640	0.0010	4.9640		
EUIBOR6M	5.1610	5.1610	5.1620	5.1610	(0.0010)	5.1620		
EUIBOR1Y	5.3190	5.3190	5.3210	5.3190	(0.0020)	5.3210		
<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	1.8502	1.8505	1.8505	1.8505	1.8531	1.8402	(0.0024)	1.8505
GBPEUR	1.2523	1.2531	1.2531	1.2531	1.2549	1.2487	0.0003	1.2513
GBPJPY	2.0315	2.0323	2.0323	2.0323	2.0394	2.0248	(0.0074)	2.0367
EURGBP	0.7983	0.7984	0.7983	0.7983	0.801	0.7969	(0.0001)	0.7988

**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. <b>Wholesale Services:</b> Asset Allocation, Block Trading, Basis Trading
<b>Contract Standard:</b>	See euronext.com