

## The Morning Email: STIRS

### Table of Contents

- Pg 1 EURIBOR
- Pg 2 SHORT STERLING
- Pg 3 LONG GILT FUTURES
- Pg 4 Money Rates
- Pg 5 Contract Specs

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>95.030</b>	<b>95.035</b>	<b>95.035</b>	<b>95.035</b>	<b>95.035</b>	<b>95.020</b>	<b>0.500</b>	<b>95.025</b>	<b>9/15/2008</b>	<b>58,747</b>	<b>22,773</b>	<b>SEP</b>
f.qeav08	94.915	94.930	94.930	94.925	94.925	94.910	1.000	94.925	10/13/2008	4,682	34	OCT
f.qeax08	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	11/17/2008	0	0	NOV
<b>f.qeaz08</b>	<b>94.940</b>	<b>94.945</b>	<b>94.945</b>	<b>94.945</b>	<b>94.950</b>	<b>94.915</b>	<b>1.500</b>	<b>94.925</b>	<b>12/15/2008</b>	<b>107,174</b>	<b>36,636</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>95.205</b>	<b>95.210</b>	<b>95.205</b>	<b>95.205</b>	<b>95.215</b>	<b>95.185</b>	<b>0.000</b>	<b>95.195</b>	<b>3/16/2009</b>	<b>145,872</b>	<b>40,244</b>	<b>MAR</b>
<b>f.qeam09</b>	<b>95.380</b>	<b>95.385</b>	<b>95.385</b>	<b>95.385</b>	<b>95.390</b>	<b>95.345</b>	<b>(0.500)</b>	<b>95.380</b>	<b>6/15/2009</b>	<b>169,976</b>	<b>46,208</b>	<b>JUN</b>
f.qeau09	95.490	95.495	95.495	95.495	95.505	95.450	(0.500)	95.480	9/14/2009	149,607	44,570	SEP
f.qeaz09	95.515	95.520	95.520	95.520	95.530	95.475	(0.500)	95.505	12/14/2009	123,879	47,794	DEC
f.qeah10	95.610	95.615	95.615	95.615	95.620	95.565	0.000	95.600	3/15/2010	108,720	34,159	MAR
f.qeam10	95.620	95.625	95.620	95.620	95.625	95.570	0.500	95.595	6/14/2010	77,741	18,766	JUN
f.qeau10	95.610	95.615	95.615	95.615	95.615	95.565	2.000	95.585	9/13/2010	21,998	9,786	SEP
f.qeaz10	95.560	95.565	95.565	95.565	95.565	95.520	2.500	95.535	12/13/2010	17,024	7,546	DEC
f.qeah11	95.585	95.595	95.595	95.590	95.590	95.545	3.500	95.580	3/14/2011	11,465	4,436	MAR
f.qeam11	95.580	95.590	95.580	95.580	95.590	95.550	2.000	95.580	6/13/2011	8,801	3,329	JUN
f.qeau11	95.585	95.605	95.585	95.570	95.570	95.570	3.000	95.570	9/19/2011	271	200	SEP
f.qeaz11	#VALUE!	95.650	95.650	95.535	#VALUE!	#VALUE!	10.000	#VALUE!	12/19/2011	5	0	DEC
f.qeah12	#VALUE!	#VALUE!	#VALUE!	95.675	#VALUE!	#VALUE!	#VALUE!	#VALUE!	3/19/2012	0	0	MAR
f.qeam12	#VALUE!	#VALUE!	#VALUE!	95.680	#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>94.245</b>	<b>94.250</b>	<b>94.250</b>	<b>94.245</b>	<b>94.250</b>	<b>94.230</b>	<b>1.500</b>	<b>94.230</b>	<b>9/17/2008</b>	<b>23,320</b>	<b>6,954</b>	<b>SEP</b>
F.QSAV08	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	10/15/2008	0	0	OCT
F.QSAX08	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	11/19/2008	0	0	NOV
<b>F.QSAZ08</b>	<b>94.275</b>	<b>94.280</b>	<b>94.280</b>	<b>94.280</b>	<b>94.285</b>	<b>94.260</b>	<b>2.000</b>	<b>94.270</b>	<b>12/17/2008</b>	<b>52,289</b>	<b>8,072</b>	<b>DEC</b>
<b>F.QSAH09</b>	<b>94.770</b>	<b>94.775</b>	<b>94.775</b>	<b>94.775</b>	<b>94.790</b>	<b>94.730</b>	<b>1.000</b>	<b>94.775</b>	<b>3/18/2009</b>	<b>73,445</b>	<b>11,716</b>	<b>MAR</b>
<b>F.QSAM09</b>	<b>94.985</b>	<b>94.990</b>	<b>94.985</b>	<b>94.985</b>	<b>95.000</b>	<b>94.940</b>	<b>1.500</b>	<b>94.970</b>	<b>6/17/2009</b>	<b>39,770</b>	<b>9,924</b>	<b>JUN</b>
F.QSAU09	95.050	95.055	95.055	95.055	95.065	95.015	2.000	95.045	9/16/2009	41,546	7,218	SEP
F.QSAZ09	94.965	94.970	94.970	94.970	1044.890	94.940	2.000	94.960	12/16/2009	25,938	4,295	DEC
F.QSAH10	94.925	94.930	94.925	94.925	94.950	94.900	1.500	94.930	3/17/2010	13,505	4,753	MAR
F.QSAM10	94.840	94.845	94.840	94.840	94.860	94.815	2.000	94.835	6/16/2010	2,799	635	JUN
F.QSAU10	94.765	94.775	94.775	94.755	94.775	94.740	3.500	94.775	9/15/2010	958	56	SEP
F.QSAZ10	94.685	94.700	94.685	94.665	94.675	94.665	2.500	94.675	12/15/2010	578	7	DEC
F.QSAH11	94.680	94.705	94.705	94.680	94.680	94.680	5.000	94.680	3/16/2011	501	1	MAR
F.QSAM11	94.680	94.705	94.705	94.670	#VALUE!	#VALUE!	3.000	#VALUE!	6/15/2011	25	0	JUN
F.QSAU11	94.680	94.750	94.750	94.700	#VALUE!	#VALUE!	5.500	#VALUE!	9/21/2011	0	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
F.QSAM13	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	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	10959	10958	10959	10959	10979	10952	8	10975	9/26/2008	46,291	9,910	SEP
F.QGAZ09	11199	11200	11199	11199	11223	11191	13	11207	12/29/2008	81,248	42,455	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	2.24875	2.24875	2.24875	2.16375	0.08500	2.16375		
USDLIB1M	2.48563	2.48563	2.48625	2.48563	(0.00062)	2.48625		
USDLIB3M	2.81063	2.81063	2.81063	2.81000	0.00063	2.81000		
USDLIB6M	3.11750	3.11750	3.11750	3.11500	0.00250	3.11500		
USDLIB1Y	3.20688	3.20688	3.20688	3.20688	0.00000	3.20688		
<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	5.05188	5.05188	5.05188	5.04188	0.01000	5.04188		
GBPLIB1M	5.36000	5.36000	5.36000	5.35938	0.00062	5.35938		
GBPLIB3M	5.75313	5.75313	5.75438	5.75313	(0.00125)	5.75438		
GBPLIB6M	5.91188	5.91188	5.91188	5.91000	0.00188	5.91000		
GBPLIB1Y	6.02000	6.02000	6.02188	6.02000	(0.00188)	6.02188		
<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	4.3688	4.3688	4.3688	4.2975	0.0713	4.2975		
EUIBOR1M	4.5110	4.5110	4.5110	4.5110	0.0000	4.5110		
EUIBOR3M	4.9630	4.9630	4.9630	4.9620	0.0010	4.9620		
EUIBOR6M	5.1690	5.1690	5.1690	5.1650	0.0040	5.1650		
EUIBOR1Y	5.3350	5.3350	5.3350	5.3290	0.0060	5.3290		
<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	1.8288	1.8291	1.8291	1.8291	1.8347	1.8256	(0.0008)	1.8294
GBPEUR	1.2417	1.2425	1.2425	1.2425	1.2453	1.2389	(0.0018)	1.2436
GBPJPY	1.9898	1.9904	1.9904	1.9904	2.0045	1.984	(0.0136)	2.0027
EURGBP	0.8050	0.8053	0.8053	0.8053	0.8074	0.8031	0.0014	0.8036

**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
<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