

## 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
f.qeav08	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	
f.qeaz08	95.610	95.615	95.610	95.640	95.690	95.585	(6.000)	95.690	11/17/2008	30,299	6,917	NOV
<b>f.qeaz08</b>	<b>95.920</b>	<b>95.925</b>	<b>95.925</b>	<b>95.920</b>	<b>95.990</b>	<b>95.900</b>	<b>(2.500)</b>	<b>95.945</b>	<b>12/15/2008</b>	<b>215,788</b>	<b>82,944</b>	<b>DEC</b>
f.qeaf09	96.150	96.280	96.150	96.215	#VALUE!	#VALUE!	(3.500)	#VALUE!	1/19/2009	450	0	JAN
<b>f.qeah09</b>	<b>96.380</b>	<b>96.385</b>	<b>96.385</b>	<b>96.385</b>	<b>96.445</b>	<b>96.350</b>	<b>1.500</b>	<b>96.395</b>	<b>3/16/2009</b>	<b>152,408</b>	<b>74,425</b>	<b>MAR</b>
<b>f.qeam09</b>	<b>96.550</b>	<b>96.555</b>	<b>96.550</b>	<b>96.550</b>	<b>96.590</b>	<b>96.480</b>	<b>6.500</b>	<b>96.490</b>	<b>6/15/2009</b>	<b>97,703</b>	<b>65,725</b>	<b>JUN</b>
<b>f.qeau09</b>	<b>96.510</b>	<b>96.515</b>	<b>96.515</b>	<b>96.515</b>	<b>96.545</b>	<b>96.410</b>	<b>9.000</b>	<b>96.410</b>	<b>9/14/2009</b>	<b>91,077</b>	<b>41,206</b>	<b>SEP</b>
f.qeaz09	96.190	96.195	96.195	96.195	96.230	96.095	9.500	96.100	12/14/2009	65,389	27,346	DEC
f.qeah10	96.080	96.085	96.085	96.085	96.130	96.005	8.500	96.005	3/15/2010	66,503	26,710	MAR
f.qeam10	95.875	95.880	95.880	95.880	95.925	95.830	7.000	95.865	6/14/2010	56,907	20,675	JUN
f.qeau10	95.700	95.705	95.700	95.700	95.750	95.650	5.500	95.650	9/13/2010	39,623	16,811	SEP
f.qeaz10	95.470	95.475	95.470	95.470	95.525	95.415	5.000	95.440	12/13/2010	18,481	5,651	DEC
f.qeah11	95.470	95.475	95.470	95.470	95.520	95.420	5.000	95.445	3/14/2011	12,372	3,316	MAR
f.qeam11	95.445	95.450	95.450	95.445	95.480	95.420	6.000	95.420	6/13/2011	8,241	608	JUN
f.qeau11	95.430	95.440	95.440	95.435	95.480	95.435	6.000	95.470	9/19/2011	6,562	310	SEP
f.qeaz11	95.330	95.415	95.415	95.385	#VALUE!	#VALUE!	5.000	#VALUE!	12/19/2011	820	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
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
F.QSAV08	93.770	93.790	93.770	#VALUE!	#VALUE!	#VALUE!	(3.000)	#VALUE!	10/15/2008	0	0	OCT
F.QSAX08	94.360	94.700	94.360	#VALUE!	#VALUE!	#VALUE!	(14.000)	#VALUE!	11/19/2008	0	0	NOV
<b>F.QSAZ08</b>	<b>95.055</b>	<b>95.060</b>	<b>95.055</b>	<b>95.055</b>	<b>95.140</b>	<b>95.020</b>	<b>(3.000)</b>	<b>95.045</b>	<b>12/17/2008</b>	<b>67,673</b>	<b>25,853</b>	<b>DEC</b>
<b>F.QSAH09</b>	<b>95.945</b>	<b>95.955</b>	<b>95.945</b>	<b>95.950</b>	<b>96.000</b>	<b>95.910</b>	<b>2.000</b>	<b>95.910</b>	<b>3/18/2009</b>	<b>47,295</b>	<b>20,651</b>	<b>MAR</b>
<b>F.QSAM09</b>	<b>96.210</b>	<b>96.215</b>	<b>96.215</b>	<b>96.215</b>	<b>96.255</b>	<b>96.155</b>	<b>7.000</b>	<b>96.155</b>	<b>6/17/2009</b>	<b>46,853</b>	<b>22,277</b>	<b>JUN</b>
<b>F.QSAU09</b>	<b>96.125</b>	<b>96.130</b>	<b>96.130</b>	<b>96.130</b>	<b>96.155</b>	<b>96.060</b>	<b>8.500</b>	<b>96.110</b>	<b>9/16/2009</b>	<b>35,953</b>	<b>21,289</b>	<b>SEP</b>
F.QSAZ09	95.845	95.850	95.850	95.845	1054.570	95.770	10.000	95.770	12/16/2009	40,872	13,356	DEC
F.QSAH10	95.615	95.620	95.620	95.620	95.650	95.515	10.000	95.515	3/17/2010	20,139	8,954	MAR
F.QSAM10	95.370	95.375	95.370	95.370	95.410	95.275	11.000	95.275	6/16/2010	8,781	7,400	JUN
F.QSAU10	95.165	95.175	95.175	95.170	95.215	95.065	10.500	95.065	9/15/2010	4,476	1,541	SEP
F.QSAZ10	95.000	95.030	95.030	95.025	95.040	94.910	11.500	94.910	12/15/2010	818	596	DEC
F.QSAH11	94.960	95.000	94.960	94.995	95.005	94.890	6.000	94.895	3/16/2011	430	304	MAR
F.QSAM11	94.925	94.990	94.990	94.910	#VALUE!	#VALUE!	10.500	#VALUE!	6/15/2011	64	0	JUN
F.QSAU11	94.895	94.985	94.985	#VALUE!	#VALUE!	#VALUE!	11.500	#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
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.QGAZ08	11000	11003	11003	11001	11005	10951	46	10965	12/29/2008	68,592	29,142	DEC
F.QGAH09									3/27/2009	0	0	MAR

## 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	2.14375	2.14375	2.18125	2.14375	(0.03750)	2.18125		
USDLIB1M	4.35875	4.35875	4.46875	4.35875	(0.11000)	4.46875		
USDLIB3M	4.55000	4.55000	4.63500	4.55000	(0.08500)	4.63500		
USDLIB6M	4.22125	4.22125	4.25500	4.22125	(0.03375)	4.25500		
USDLIB1Y	4.03375	4.03375	4.06000	4.03375	(0.02625)	4.06000		
<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	5.37500	5.37500	5.42500	5.37500	(0.05000)	5.42500		
GBPLIB1M	6.03438	6.03438	6.05875	6.03438	(0.02437)	6.05875		
GBPLIB3M	6.21000	6.21000	6.24875	6.21000	(0.03875)	6.24875		
GBPLIB6M	6.34063	6.34063	6.35625	6.34063	(0.01562)	6.35625		
GBPLIB1Y	6.45000	6.45000	6.46750	6.45000	(0.01750)	6.46750		
<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	3.7363	3.7363	3.7500	3.7363	(0.0137)	3.7500		
EUIBOR1M	4.8670	4.8670	4.9300	4.8670	(0.0630)	4.9300		
EUIBOR3M	5.1680	5.1680	5.2350	5.1680	(0.0670)	5.2350		
EUIBOR6M	5.2350	5.2350	5.2980	5.2350	(0.0630)	5.2980		
EUIBOR1Y	5.3120	5.3120	5.3580	5.3120	(0.0460)	5.3580		
<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	1.7563	1.7567	1.7567	1.7567	1.7607	1.7375	0.0167	1.7387
GBPEUR	1.2841	1.2849	1.2849	1.2849	1.2883	1.2765	0.0071	1.2767
GBPJPY	1.7813	1.7819	1.7819	1.7819	1.7879	1.7587	0.0057	1.7751
EURGBP	0.7784	0.7787	0.7784	0.7784	0.7837	0.7763	(0.0048)	0.7825

**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