

## 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	94.775	94.780	94.780	94.780	94.855	94.780	(7.000)	94.820	10/13/2008	39,939	29,497	OCT
f.qeaz08	94.800	94.950	94.950	94.900	#VALUE!	#VALUE!	4.000	#VALUE!	11/17/2008	550	0	NOV
<b>f.qeaz08</b>	<b>95.030</b>	<b>95.035</b>	<b>95.030</b>	<b>95.030</b>	<b>95.090</b>	<b>94.995</b>	<b>(2.000)</b>	<b>95.050</b>	<b>12/15/2008</b>	<b>246,245</b>	<b>111,160</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>95.575</b>	<b>95.580</b>	<b>95.580</b>	<b>95.580</b>	<b>95.720</b>	<b>95.545</b>	<b>(9.000)</b>	<b>95.710</b>	<b>3/16/2009</b>	<b>181,242</b>	<b>79,851</b>	<b>MAR</b>
<b>f.qeam09</b>	<b>95.815</b>	<b>95.820</b>	<b>95.815</b>	<b>95.815</b>	<b>95.950</b>	<b>95.795</b>	<b>(7.500)</b>	<b>95.930</b>	<b>6/15/2009</b>	<b>150,212</b>	<b>76,186</b>	<b>JUN</b>
<b>f.qeau09</b>	<b>96.015</b>	<b>96.020</b>	<b>96.020</b>	<b>96.020</b>	<b>96.150</b>	<b>96.015</b>	<b>(7.500)</b>	<b>96.140</b>	<b>9/14/2009</b>	<b>173,215</b>	<b>73,083</b>	<b>SEP</b>
f.qeaz09	95.910	95.915	95.910	95.910	96.020	95.900	(7.000)	95.990	12/14/2009	107,801	53,399	DEC
f.qeah10	95.940	95.945	95.940	95.940	96.065	95.940	(8.000)	96.030	3/15/2010	83,223	34,540	MAR
f.qeam10	95.840	95.845	95.845	95.840	95.950	95.830	(6.000)	95.940	6/14/2010	62,333	24,206	JUN
f.qeau10	95.715	95.720	95.720	95.720	95.835	95.710	(6.000)	95.795	9/13/2010	27,439	12,263	SEP
f.qeaz10	95.545	95.550	95.550	95.550	95.665	95.545	(6.500)	95.625	12/13/2010	11,328	4,564	DEC
f.qeah11	95.540	95.545	95.545	95.545	95.670	95.535	(5.500)	95.630	3/14/2011	6,509	2,725	MAR
f.qeam11	95.505	95.510	95.510	95.510	95.600	95.505	(5.000)	95.600	6/13/2011	3,405	2,608	JUN
f.qeau11	95.480	95.485	95.485	95.480	95.515	95.480	(4.000)	95.490	9/19/2011	2,847	885	SEP
f.qeaz11	#VALUE!	95.485	95.485	#VALUE!	#VALUE!	#VALUE!	1.500	#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	95.315	#VALUE!	95.315	#VALUE!	#VALUE!	#VALUE!	(14.500)	#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/>

Jim Goulding, [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.QSAV08	93.700	93.800	93.800	#VALUE!	#VALUE!	#VALUE!	9.000	#VALUE!	10/15/2008	0	0	OCT
F.QSAX08	93.700	94.000	94.000	#VALUE!	#VALUE!	#VALUE!	22.500	#VALUE!	11/19/2008	0	0	NOV
<b>F.QSAZ08</b>	<b>94.145</b>	<b>94.150</b>	<b>94.145</b>	<b>94.145</b>	<b>94.190</b>	<b>94.035</b>	<b>4.500</b>	<b>94.135</b>	<b>12/17/2008</b>	<b>59,534</b>	<b>41,812</b>	<b>DEC</b>
<b>F.QSAH09</b>	<b>95.040</b>	<b>95.045</b>	<b>95.045</b>	<b>95.035</b>	<b>95.170</b>	<b>95.030</b>	<b>(2.000)</b>	<b>95.075</b>	<b>3/18/2009</b>	<b>48,640</b>	<b>36,941</b>	<b>MAR</b>
<b>F.QSAM09</b>	<b>95.255</b>	<b>95.260</b>	<b>95.260</b>	<b>95.255</b>	<b>95.445</b>	<b>95.245</b>	<b>(5.500)</b>	<b>95.330</b>	<b>6/17/2009</b>	<b>42,760</b>	<b>26,860</b>	<b>JUN</b>
<b>F.QSAU09</b>	<b>95.315</b>	<b>95.320</b>	<b>95.320</b>	<b>95.315</b>	<b>95.540</b>	<b>95.305</b>	<b>(7.000)</b>	<b>95.395</b>	<b>9/16/2009</b>	<b>47,354</b>	<b>22,953</b>	<b>SEP</b>
F.QSAZ09	95.170	95.180	95.180	95.175	1049.070	95.165	(3.000)	95.225	12/16/2009	51,983	25,358	DEC
F.QSAH10	95.195	95.200	95.195	95.185	95.360	95.185	(3.000)	95.265	3/17/2010	27,600	13,891	MAR
F.QSAM10	95.105	95.115	95.115	95.110	95.255	95.110	(2.500)	95.180	6/16/2010	6,780	5,531	JUN
F.QSAU10	95.025	95.050	95.025	95.050	95.190	95.050	(5.500)	95.125	9/15/2010	3,502	1,907	SEP
F.QSAZ10	94.890	94.920	94.890	94.920	95.055	94.920	(6.000)	95.055	12/15/2010	400	1,021	DEC
F.QSAH11	94.885	94.915	94.885	94.915	95.070	94.915	(7.500)	95.060	3/16/2011	363	859	MAR
F.QSAM11	94.500	94.900	94.900	94.905	94.925	94.905	(4.500)	94.925	6/15/2011	240	195	JUN
F.QSAU11	94.900	94.900	94.900	94.905	94.905	94.905	(3.500)	94.905	9/21/2011	135	50	SEP
F.QSAZ11	#VALUE!	#VALUE!	#VALUE!	94.760	#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**

Jim Goulding, [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.QGAZ08	11229	11231	11229	11231	11301	11223	-35	11290	12/29/2008	63,621	42,656	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	6.87500	6.87500	6.87500	6.87500	4.30625	6.87500		
USDLIB1M	3.92625	3.92625	3.92625	3.92625	0.20625	3.92625		
USDLIB3M	4.05250	4.05250	4.05250	4.05250	0.17000	4.05250		
USDLIB6M	3.98125	3.98125	3.98125	3.98125	0.14750	3.98125		
USDLIB1Y	3.96250	3.96250	3.96250	3.96250	0.12750	3.96250		
<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	6.78125	6.78125	6.78125	6.78125	1.51875	6.78125		
GBPLIB1M	6.07500	6.07500	6.07500	6.01000	0.06500	6.01000		
GBPLIB3M	6.30000	6.30000	6.30000	6.30000	0.03875	6.30000		
GBPLIB6M	6.40125	6.40125	6.40125	6.40125	0.03250	6.40125		
GBPLIB1Y	6.51875	6.51875	6.51875	6.51875	0.04125	6.51875		
<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	4.4488	4.4488	4.4488	3.7125	0.7363	3.7125		
EUIBOR1M	5.0500	5.0500	5.0500	5.0060	0.0440	5.0060		
EUIBOR3M	5.2770	5.2770	5.2770	5.2370	0.0400	5.2370		
EUIBOR6M	5.3770	5.3770	5.3770	5.3150	0.0620	5.3150		
EUIBOR1Y	5.4950	5.4950	5.4950	5.4770	0.0180	5.4770		
<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	1.8005	1.801	1.801	1.801	1.8122	1.798	(0.0078)	1.8084
GBPEUR	1.2556	1.2564	1.2564	1.2564	1.2588	1.2501	0.0032	1.2525
GBPJPY	1.8919	1.8927	1.8927	1.8927	1.9033	1.8637	0.0078	1.8838
EURGBP	0.7961	0.7963	0.7963	0.7963	0.8002	0.7944	(0.0022)	0.7979

**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