

## 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.qeax08	95.720	95.725	95.725	95.725	95.730	95.585	9.000	95.635	11/17/2008	24,465	11,861	NOV
<b>f.qeaz08</b>	<b>96.020</b>	<b>96.025</b>	<b>96.025</b>	<b>96.020</b>	<b>96.040</b>	<b>95.930</b>	<b>9.500</b>	<b>95.935</b>	<b>12/15/2008</b>	<b>226,072</b>	<b>104,856</b>	<b>DEC</b>
f.qeaf09	96.100	96.280	96.100	96.150	#VALUE!	#VALUE!	(4.500)	#VALUE!	1/19/2009	10	0	JAN
<b>f.qeah09</b>	<b>96.505</b>	<b>96.510</b>	<b>96.505</b>	<b>96.505</b>	<b>96.530</b>	<b>96.405</b>	<b>9.000</b>	<b>96.430</b>	<b>3/16/2009</b>	<b>156,470</b>	<b>60,998</b>	<b>MAR</b>
<b>f.qeam09</b>	<b>96.660</b>	<b>96.665</b>	<b>96.660</b>	<b>96.660</b>	<b>96.685</b>	<b>96.555</b>	<b>9.000</b>	<b>96.590</b>	<b>6/15/2009</b>	<b>128,559</b>	<b>61,502</b>	<b>JUN</b>
<b>f.qeau09</b>	<b>96.595</b>	<b>96.600</b>	<b>96.595</b>	<b>96.595</b>	<b>96.630</b>	<b>96.505</b>	<b>6.500</b>	<b>96.555</b>	<b>9/14/2009</b>	<b>95,712</b>	<b>45,979</b>	<b>SEP</b>
f.qeaz09	96.280	96.285	96.280	96.280	96.330	96.190	5.500	96.245	12/14/2009	70,186	33,678	DEC
f.qeah10	96.160	96.165	96.160	96.160	96.205	96.090	4.000	96.135	3/15/2010	67,278	28,852	MAR
f.qeam10	95.940	95.945	95.940	95.940	95.980	95.885	3.000	95.940	6/14/2010	56,092	20,041	JUN
f.qeau10	95.750	95.755	95.750	95.750	95.790	95.710	2.500	95.750	9/13/2010	37,142	14,413	SEP
f.qeaz10	95.515	95.530	95.515	95.525	95.560	95.485	2.500	95.530	12/13/2010	12,988	9,905	DEC
f.qeah11	95.515	95.520	95.515	95.520	95.560	95.485	4.000	95.525	3/14/2011	7,559	4,099	MAR
f.qeam11	95.480	95.485	95.485	95.480	95.530	95.455	5.000	95.460	6/13/2011	3,847	2,573	JUN
f.qeau11	95.470	95.480	95.480	95.480	95.515	95.450	5.500	95.450	9/19/2011	1,092	1,933	SEP
f.qeaz11	95.400	95.485	95.485	#VALUE!	#VALUE!	#VALUE!	8.500	#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	#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	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	
F.QSAX08	#VALUE!	94.680	94.680	94.480	#VALUE!	#VALUE!	18.000	#VALUE!	11/19/2008	10	0	NOV
<b>F.QSAZ08</b>	<b>95.145</b>	<b>95.150</b>	<b>95.145</b>	<b>95.145</b>	<b>95.165</b>	<b>95.055</b>	<b>11.500</b>	<b>95.055</b>	<b>12/17/2008</b>	<b>59,961</b>	<b>22,126</b>	<b>DEC</b>
<b>F.QSAH09</b>	<b>96.000</b>	<b>96.005</b>	<b>96.000</b>	<b>96.000</b>	<b>96.020</b>	<b>95.935</b>	<b>9.000</b>	<b>95.940</b>	<b>3/18/2009</b>	<b>43,472</b>	<b>15,852</b>	<b>MAR</b>
<b>F.QSAM09</b>	<b>96.235</b>	<b>96.240</b>	<b>96.240</b>	<b>96.240</b>	<b>96.265</b>	<b>96.185</b>	<b>6.500</b>	<b>96.185</b>	<b>6/17/2009</b>	<b>43,523</b>	<b>14,395</b>	<b>JUN</b>
<b>F.QSAU09</b>	<b>96.160</b>	<b>96.165</b>	<b>96.165</b>	<b>96.165</b>	<b>96.200</b>	<b>96.135</b>	<b>6.500</b>	<b>96.135</b>	<b>9/16/2009</b>	<b>39,753</b>	<b>11,671</b>	<b>SEP</b>
F.QSAZ09	95.895	95.900	95.900	95.895	1055.230	95.850	6.000	95.850	12/16/2009	26,400	12,238	DEC
F.QSAH10	95.680	95.685	95.680	95.680	95.720	95.635	4.500	95.650	3/17/2010	22,813	14,189	MAR
F.QSAM10	95.410	95.420	95.410	95.410	95.470	95.385	1.500	95.435	6/16/2010	12,527	5,767	JUN
F.QSAU10	95.190	95.210	95.190	95.205	95.265	95.175	(0.500)	95.230	9/15/2010	3,414	1,918	SEP
F.QSAZ10	95.005	95.045	95.005	95.030	95.100	95.010	(3.000)	95.100	12/15/2010	1,106	1,418	DEC
F.QSAH11	94.990	95.020	94.990	95.005	95.075	94.985	(2.000)	95.075	3/16/2011	699	486	MAR
F.QSAM11	94.950	95.010	94.950	95.000	95.000	95.000	(5.000)	95.000	6/15/2011	98	27	JUN
F.QSAU11	94.950	94.970	94.950	94.970	94.970	94.970	(3.500)	94.970	9/21/2011	25	38	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	10981	10982	10982	10982	11035	10975	-22	11020	12/29/2008	76,420	35,512	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	1.93750	1.93750	1.93750	1.93750	(0.20625)	1.93750		
USDLIB1M	4.27750	4.27750	4.27750	4.27750	(0.08125)	4.27750		
USDLIB3M	4.50250	4.50250	4.50250	4.50250	(0.04750)	4.50250		
USDLIB6M	4.17875	4.17875	4.17875	4.17875	(0.04250)	4.17875		
USDLIB1Y	3.97875	3.97875	3.97875	3.97875	(0.05500)	3.97875		
<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	5.17500	5.17500	5.37500	5.17500	(0.20000)	5.37500		
GBPLIB1M	6.00375	6.00375	6.03438	6.00375	(0.03063)	6.03438		
GBPLIB3M	6.18250	6.18250	6.18250	6.18250	(0.02750)	6.18250		
GBPLIB6M	6.31250	6.31250	6.34063	6.31250	(0.02813)	6.34063		
GBPLIB1Y	6.41750	6.41750	6.45000	6.41750	(0.03250)	6.45000		
<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	3.7500	3.7500	3.7500	3.7500	0.0137	3.7500		
EUIBOR1M	4.7730	4.7730	4.8670	4.7730	(0.0940)	4.8670		
EUIBOR3M	5.0900	5.0900	5.1680	5.0900	(0.0780)	5.1680		
EUIBOR6M	5.1630	5.1630	5.2350	5.1630	(0.0720)	5.2350		
EUIBOR1Y	5.2480	5.2480	5.3120	5.2480	(0.0640)	5.3120		
<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	1.7219	1.7224	1.7224	1.7224	1.736	1.7128	(0.0047)	1.7264
GBPEUR	1.2787	1.2797	1.2797	1.2797	1.2929	1.2721	0.0000	1.2788
GBPJPY	1.7264	1.7271	1.7271	1.7271	1.7435	1.7033	0.0003	1.7256
EURGBP	0.7816	0.7818	0.7818	0.7818	0.7866	0.7735	(0.0001)	0.7816

**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