

## 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.QEAN08	95.035	95.040	95.035	95.040	95.040	95.030	(0.005)	95.030	7/14/2008	4,025	5,325	JUL
F.QEAQ08	94.985	95.025	95.025	95.020	#VALUE!	#VALUE!	0.000	#VALUE!	8/18/2008	12	0	AUG
<b>f.qeau08</b>	<b>94.970</b>	<b>94.975</b>	<b>94.975</b>	<b>94.975</b>	<b>94.985</b>	<b>94.960</b>	<b>0.500</b>	<b>94.980</b>	<b>9/15/2008</b>	<b>70,885</b>	<b>39,570</b>	<b>SEP</b>
f.qeav08	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	10/13/2008	0	0	OCT
f.qeaz08	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	11/17/2008	0	0	NOV
<b>f.qeaz08</b>	<b>94.890</b>	<b>94.895</b>	<b>94.890</b>	<b>94.890</b>	<b>94.920</b>	<b>94.850</b>	<b>4.000</b>	<b>94.870</b>	<b>12/15/2008</b>	<b>85,330</b>	<b>63,993</b>	<b>DEC</b>
<b>f.qeah09</b>	<b>94.925</b>	<b>94.930</b>	<b>94.930</b>	<b>94.930</b>	<b>94.960</b>	<b>94.860</b>	<b>5.000</b>	<b>94.885</b>	<b>3/16/2009</b>	<b>80,451</b>	<b>73,512</b>	<b>MAR</b>
<b>f.qeam09</b>	<b>95.005</b>	<b>95.010</b>	<b>95.010</b>	<b>95.005</b>	<b>95.045</b>	<b>94.910</b>	<b>6.000</b>	<b>94.945</b>	<b>6/15/2009</b>	<b>66,404</b>	<b>67,708</b>	<b>JUN</b>
f.qeau09	95.085	95.090	95.090	95.090	95.115	94.985	6.500	95.025	9/14/2009	65,762	42,969	SEP
f.qeaz09	95.120	95.125	95.125	95.125	95.150	95.030	6.000	95.070	12/14/2009	49,511	33,063	DEC
f.qeah10	95.175	95.185	95.175	95.185	95.200	95.100	4.500	95.130	3/15/2010	27,640	17,888	MAR
f.qeam10	95.180	95.190	95.190	95.185	95.205	95.105	5.500	95.130	6/14/2010	17,073	9,189	JUN
f.qeau10	95.180	95.190	95.190	95.185	95.205	95.110	5.000	95.130	9/13/2010	9,366	2,583	SEP
f.qeaz10	95.170	95.180	95.180	95.180	95.195	95.120	4.500	95.125	12/13/2010	8,238	1,327	DEC
f.qeah11	95.220	95.235	95.235	95.235	95.245	95.175	4.500	95.195	3/14/2011	4,222	618	MAR
f.qeam11	95.235	95.260	95.260	95.250	95.250	95.220	4.500	95.220	6/13/2011	1,354	57	JUN
f.qeau11	95.240	95.300	95.300	95.185	#VALUE!	#VALUE!	7.000	#VALUE!	9/19/2011	101	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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The Morning Email, STIRS

Symbol	Bid	Ask	Last Quote	Last Trade	Hi	Low	Net Chng	Open	Exp Date	Yest. Volume	Today's Volume	Contract Month
<b>F.QSAM09</b>	<b>#VALUE!</b>	<b>#VALUE!</b>	<b>#VALUE!</b>	<b>#VALUE!</b>	<b>#VALUE!</b>	<b>#VALUE!</b>	<b>#VALUE!</b>	<b>#VALUE!</b>	<b>#VALUE!</b>			
F.QSAN08	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	7/16/2008	0	0	JUL
F.QSAQ08	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	8/20/2008	0	0	AUG
<b>F.QSAU08</b>	<b>94.080</b>	<b>94.085</b>	<b>94.080</b>	<b>94.080</b>	<b>94.110</b>	<b>94.035</b>	<b>4.000</b>	<b>94.040</b>	<b>9/17/2008</b>	<b>16,045</b>	<b>31,296</b>	<b>SEP</b>
<b>F.QSAZ08</b>	<b>94.045</b>	<b>94.050</b>	<b>94.050</b>	<b>94.050</b>	<b>94.065</b>	<b>93.975</b>	<b>7.500</b>	<b>93.985</b>	<b>12/17/2008</b>	<b>16,800</b>	<b>28,487</b>	<b>DEC</b>
<b>F.QSAH09</b>	<b>94.135</b>	<b>94.140</b>	<b>94.140</b>	<b>94.140</b>	<b>94.155</b>	<b>94.045</b>	<b>8.500</b>	<b>94.060</b>	<b>3/18/2009</b>	<b>29,707</b>	<b>49,881</b>	<b>MAR</b>
F.QSAM09	94.180	94.185	94.185	94.185	94.205	94.100	8.000	94.125	6/17/2009	29,037	31,881	JUN
F.QSAU09	94.185	94.190	94.185	94.185	94.205	94.110	7.000	94.135	9/16/2009	18,793	25,220	SEP
F.QSAZ09	94.160	94.165	94.160	94.160	1035.925	94.080	6.500	94.120	12/16/2009	11,273	13,543	DEC
F.QSAH10	94.150	94.155	94.150	94.150	94.165	94.075	6.000	94.110	3/17/2010	4,019	5,504	MAR
F.QSAM10	94.140	94.150	94.140	94.145	94.160	94.075	5.000	94.110	6/16/2010	3,404	2,576	JUN
F.QSAU10	94.140	94.155	94.140	94.150	94.160	94.090	4.500	94.115	9/15/2010	491	80	SEP
F.QSAZ10	94.145	94.170	94.145	94.155	94.165	94.155	5.500	94.165	12/15/2010	631	193	DEC
F.QSAH11	94.170	94.210	94.170	94.210	94.210	94.210	5.000	94.210	3/16/2011	51	1	MAR
F.QSAM11	94.225	94.265	94.265	94.260	94.260	94.230	9.500	94.230	6/15/2011	2	2	JUN
F.QSAU11	94.235	94.315	94.315	94.205	#VALUE!	#VALUE!	9.500	#VALUE!	9/21/2011	40	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

**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**

Symbol	Bid	Ask	Last Quote	Last Trade	Hi	Low	Net Chng	Open	Exp Date	Yest. Volume	Today's Volume	Contract Month
F.QGAM08									#VALUE!			
F.QGAU08	10588	10589	10589	10589	10600	10562	8	10576	9/26/2008	34,311	27,536	SEP

## 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

USD LIBOR	Last Quote	Last Trade	Hi	Low	Net Chng	Open		
USDLIBON	2.39000	2.39000	2.44250	2.39000	(0.05250)	2.44250		
USDLIB1M	2.46125	2.46125	2.46125	2.46125	0.00000	2.46125		
USDLIB3M	2.79125	2.79125	2.79125	2.78938	0.00187	2.78938		
USDLIB6M	3.11563	3.11563	3.11563	3.11313	0.00250	3.11313		
USDLIB1Y	3.29500	3.29500	3.29500	3.29375	0.00125	3.29375		
GBP LIBOR	Last Quote	Last Trade	Hi	Low	Net Chng	Open		
GBPLIBON	5.06125	5.06125	5.06125	5.05125	0.01000	5.05125		
GBPLIB1M	5.45500	5.45500	5.46188	5.45500	(0.00688)	5.46188		
GBPLIB3M	5.87875	5.87875	5.89125	5.87875	(0.01250)	5.89125		
GBPLIB6M	6.08438	6.08438	6.10375	6.08438	(0.01937)	6.10375		
GBPLIB1Y	6.34125	6.34125	6.38375	6.34125	(0.04250)	6.38375		
EURIBOR DEPOSITS	Last Quote	Last Trade	Hi	Low	Net Chng	Open		
EURLIBON	3.9213	3.9213	3.9313	3.9213	(0.0100)	3.9313		
EUIBOR1M	4.4700	4.4700	4.4700	4.4700	0.0000	4.4700		
EUIBOR3M	4.9600	4.9600	4.9600	4.9590	0.0010	4.9590		
EUIBOR6M	5.1440	5.1440	5.1440	5.1440	0.0000	5.1440		
EUIBOR1Y	5.3930	5.3930	5.3950	5.3930	(0.0020)	5.3950		
GBP DEPOSITS	Bid	Ask	Last Quote	Last Trade	Hi	Low	Net Chng	Open
GBPDEP1M	5.240	5.390	5.390	5.390	5.390	5.180	(0.120)	5.180
GBPDEP3M	5.660	5.810	5.810	5.810	5.810	5.650	(0.160)	5.650
GBPDEP6M	5.860	6.010	6.010	6.010	6.010	5.850	(0.190)	5.850
GBPDEP1Y	6.140	6.290	6.290	6.290	6.360	6.140	(0.200)	6.210
CURRENCIES	Bid	Ask	Last Quote	Last Trade	Hi	Low	Net Chng	Open
GBPUSD	1.9683	1.9687	1.9687	1.9687	1.9832	1.9664	(0.0138)	1.9824
GBPEUR	1.2566	1.2573	1.2573	1.2573	1.2659	1.2556	(0.0052)	1.2624
GBPJPY	2.1166	2.1176	2.1176	2.1176	2.1255	2.113	0.0001	2.1156
EURGBP	0.7954	0.7956	0.7956	0.7956	0.7968	0.7901	0.0030	0.7918

**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