

## The Morning Email: STIRS

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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.QEAQ08	95.020	95.025	95.025	95.025	95.025	95.020	(0.010)	95.025	8/18/2008	3,256	1,015	AUG
<b>f.qeau08</b>	<b>94.990</b>	<b>94.995</b>	<b>94.995</b>	<b>94.995</b>	<b>95.015</b>	<b>94.990</b>	<b>(1.500)</b>	<b>95.015</b>	<b>9/15/2008</b>	<b>113,934</b>	<b>30,763</b>	<b>SEP</b>
f.qeav08	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	10/13/2008	0	0	OCT
f.qeav08	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	11/17/2008	0	0	NOV
<b>f.qeaz08</b>	<b>94.945</b>	<b>94.950</b>	<b>94.945</b>	<b>94.945</b>	<b>94.980</b>	<b>94.940</b>	<b>(2.500)</b>	<b>94.980</b>	<b>12/15/2008</b>	<b>180,954</b>	<b>37,915</b>	<b>DEC</b>
<b>f.qeah09</b>	<b>95.135</b>	<b>95.140</b>	<b>95.140</b>	<b>95.140</b>	<b>95.195</b>	<b>95.130</b>	<b>(2.500)</b>	<b>95.165</b>	<b>3/16/2009</b>	<b>174,419</b>	<b>32,606</b>	<b>MAR</b>
<b>f.qeam09</b>	<b>95.285</b>	<b>95.290</b>	<b>95.285</b>	<b>95.285</b>	<b>95.350</b>	<b>95.275</b>	<b>(2.500)</b>	<b>95.310</b>	<b>6/15/2009</b>	<b>145,247</b>	<b>32,026</b>	<b>JUN</b>
f.qeau09	95.375	95.380	95.375	95.375	95.410	95.370	(2.500)	95.400	9/14/2009	104,472	23,855	SEP
f.qeaz09	95.375	95.380	95.375	95.375	95.405	95.370	(2.500)	95.390	12/14/2009	85,403	22,097	DEC
f.qeah10	95.395	95.400	95.395	95.395	95.425	95.385	(2.000)	95.415	3/15/2010	49,281	11,213	MAR
f.qeam10	95.375	95.380	95.375	95.375	95.410	95.355	(2.000)	95.395	6/14/2010	26,965	9,763	JUN
f.qeau10	95.350	95.355	95.350	95.350	95.410	95.325	(2.500)	95.375	9/13/2010	12,897	3,415	SEP
f.qeaz10	95.310	95.315	95.315	95.315	95.375	95.295	(2.000)	95.330	12/13/2010	7,003	2,803	DEC
f.qeah11	95.335	95.340	95.340	95.340	95.370	95.335	(2.500)	95.365	3/14/2011	5,099	969	MAR
f.qeam11	95.330	95.335	95.330	95.325	95.365	95.325	(3.500)	95.365	6/13/2011	4,382	1,397	JUN
f.qeau11	95.340	95.345	95.340	95.340	95.350	95.340	(3.000)	95.350	9/19/2011	40	72	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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Symbol	Bid	Ask	Last Quote	Last Trade	Hi	Low	Net Chng	Open	Exp Date	Yest. Volume	Today's Volume	Contract Month
F.QSAQ08	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	8/20/2008	0	0	AUG
<b>F.QSAU08</b>	<b>94.130</b>	<b>94.135</b>	<b>94.130</b>	<b>94.130</b>	<b>94.180</b>	<b>94.130</b>	<b>(4.000)</b>	<b>94.180</b>	<b>9/17/2008</b>	<b>42,962</b>	<b>18,145</b>	<b>SEP</b>
F.QSAV08	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	10/15/2008	0	0	OCT
<b>F.QSAZ08</b>	<b>94.230</b>	<b>94.235</b>	<b>94.235</b>	<b>94.235</b>	<b>94.300</b>	<b>94.225</b>	<b>(4.000)</b>	<b>94.275</b>	<b>12/17/2008</b>	<b>64,045</b>	<b>32,252</b>	<b>DEC</b>
<b>F.QSAH09</b>	<b>94.510</b>	<b>94.515</b>	<b>94.515</b>	<b>94.515</b>	<b>94.585</b>	<b>94.510</b>	<b>(3.500)</b>	<b>94.570</b>	<b>3/18/2009</b>	<b>98,150</b>	<b>40,705</b>	<b>MAR</b>
<b>F.QSAM09</b>	<b>94.665</b>	<b>94.670</b>	<b>94.670</b>	<b>94.670</b>	<b>94.735</b>	<b>94.660</b>	<b>(3.000)</b>	<b>94.700</b>	<b>6/17/2009</b>	<b>84,855</b>	<b>41,508</b>	<b>JUN</b>
F.QSAU09	94.695	94.700	94.700	94.700	94.765	94.690	(2.500)	94.740	9/16/2009	82,642	42,507	SEP
F.QSAZ09	94.635	94.640	94.640	94.640	1041.700	94.630	(2.000)	94.660	12/16/2009	52,619	23,382	DEC
F.QSAH10	94.585	94.595	94.585	94.590	94.650	94.585	(2.500)	94.610	3/17/2010	48,085	12,937	MAR
F.QSAM10	94.525	94.530	94.530	94.520	94.590	94.520	(2.000)	94.555	6/16/2010	12,232	3,506	JUN
F.QSAU10	94.470	94.485	94.485	94.480	94.545	94.475	(1.500)	94.505	9/15/2010	4,928	1,175	SEP
F.QSAZ10	94.425	94.460	94.460	94.450	94.500	94.440	(1.000)	94.470	12/15/2010	1,925	1,186	DEC
F.QSAH11	94.415	94.465	94.415	94.450	94.450	94.445	(5.500)	94.445	3/16/2011	1,409	139	MAR
F.QSAM11	94.425	94.495	94.425	94.475	94.475	94.445	(5.500)	94.445	6/15/2011	185	545	JUN
F.QSAU11	#VALUE!	#VALUE!	#VALUE!	94.420	#VALUE!	#VALUE!	#VALUE!	#VALUE!	9/21/2011	8	0	SEP
F.QSAZ11	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	12/21/2011	0	500	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	10729	10730	10729	10729	10754	10724	-7	10746	9/26/2008	109,124	25,662	SEP
F.QGAZ09									12/29/2008	0	0	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	2.20750	2.20750	2.32250	2.20750	(0.11500)	2.32250		
USDLIB1M	2.46000	2.46000	2.46125	2.46000	(0.00125)	2.46125		
USDLIB3M	2.79438	2.79438	2.79438	2.79125	0.00313	2.79125		
USDLIB6M	3.07500	3.07500	3.08375	3.07500	(0.00875)	3.08375		
USDLIB1Y	3.22250	3.22250	3.25250	3.22250	(0.03000)	3.25250		
<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	5.01125	5.01125	5.04250	5.01125	(0.03125)	5.04250		
GBPLIB1M	5.38188	5.38188	5.38500	5.38188	(0.00312)	5.38500		
GBPLIB3M	5.78000	5.78000	5.78313	5.78000	(0.00313)	5.78313		
GBPLIB6M	5.98000	5.98000	5.98000	5.98000	0.00000	5.98000		
GBPLIB1Y	6.16813	6.16813	6.17063	6.16813	(0.00250)	6.17063		
<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	4.2913	4.2913	4.3725	4.2913	(0.0812)	4.3725		
EUIBOR1M	4.4830	4.4830	4.4830	4.4790	0.0040	4.4790		
EUIBOR3M	4.9680	4.9680	4.9680	4.9680	0.0000	4.9680		
EUIBOR6M	5.1600	5.1600	5.1600	5.1560	0.0040	5.1560		
EUIBOR1Y	5.3570	5.3570	5.3660	5.3570	(0.0090)	5.3660		
<b>GBP DEPOSITS</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>
GBPDEP1M	5.200	5.400	5.400	5.400	5.490	5.170	0.050	5.290
GBPDEP3M	5.620	5.820	5.820	5.820	5.890	5.570	0.050	5.690
GBPDEP6M	5.820	6.020	6.020	6.020	6.090	5.750	0.050	5.890
GBPDEP1Y	6.010	6.210	6.210	6.210	6.300	5.950	0.050	6.100
<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	1.9758	1.9761	1.9761	1.9761	1.9847	1.9733	(0.0083)	1.9838
GBPEUR	1.2692	1.2699	1.2699	1.2699	1.2749	1.2672	(0.0022)	1.2711
GBPJPY	2.1258	2.1263	2.1263	2.1263	2.1425	2.1199	(0.0157)	2.1408
EURGBP	0.7876	0.7879	0.7879	0.7879	0.7895	0.7844	0.0013	0.7863

**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