

## 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
<b>f.qeau08</b>	<b>95.030</b>	<b>95.035</b>	<b>95.035</b>	<b>95.030</b>	<b>95.045</b>	<b>95.030</b>	<b>0.000</b>	<b>95.040</b>	<b>9/15/2008</b>	<b>59,121</b>	<b>95,322</b>	<b>SEP</b>
f.qeav08	94.935	94.940	94.935	94.935	95.030	94.920	3.500	95.030	10/13/2008	12,460	29,786	OCT
f.qeav08	94.930	94.975	94.975	94.900	#VALUE!	#VALUE!	6.500	#VALUE!	11/17/2008	251	0	NOV
<b>f.qeaz08</b>	<b>94.970</b>	<b>94.975</b>	<b>94.970</b>	<b>94.970</b>	<b>95.030</b>	<b>94.900</b>	<b>8.000</b>	<b>94.930</b>	<b>12/15/2008</b>	<b>118,928</b>	<b>190,997</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>95.305</b>	<b>95.310</b>	<b>95.305</b>	<b>95.305</b>	<b>95.445</b>	<b>95.210</b>	<b>13.500</b>	<b>95.210</b>	<b>3/16/2009</b>	<b>167,835</b>	<b>133,852</b>	<b>MAR</b>
<b>f.qeam09</b>	<b>95.580</b>	<b>95.585</b>	<b>95.585</b>	<b>95.585</b>	<b>95.680</b>	<b>95.440</b>	<b>19.500</b>	<b>95.440</b>	<b>6/15/2009</b>	<b>264,970</b>	<b>110,851</b>	<b>JUN</b>
f.qeau09	95.820	95.825	95.820	95.820	95.935	95.640	22.500	95.645	9/14/2009	251,892	109,243	SEP
f.qeaz09	95.855	95.860	95.860	95.855	95.980	95.690	22.000	95.690	12/14/2009	123,607	81,304	DEC
f.qeah10	95.975	95.980	95.980	95.980	96.100	95.930	20.500	95.930	3/15/2010	71,600	63,347	MAR
f.qeam10	95.970	95.975	95.970	95.965	96.100	95.915	19.000	95.915	6/14/2010	49,274	41,233	JUN
f.qeau10	95.930	95.935	95.935	95.925	96.050	95.890	18.500	95.895	9/13/2010	20,143	14,798	SEP
f.qeaz10	95.825	95.835	95.825	95.820	95.955	95.775	16.500	95.790	12/13/2010	11,503	9,098	DEC
f.qeah11	95.805	95.815	95.805	95.805	95.945	95.770	14.000	95.860	3/14/2011	7,086	4,244	MAR
f.qeam11	95.750	95.770	95.750	95.750	95.820	95.705	12.000	95.810	6/13/2011	3,646	2,169	JUN
f.qeau11	95.695	95.720	95.695	95.720	95.750	95.715	8.000	95.750	9/19/2011	72	43	SEP
f.qeaz11	#VALUE!	95.730	95.730	#VALUE!	#VALUE!	#VALUE!	14.500	#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

**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
<b>F.QSAU08</b>	<b>94.295</b>	<b>94.300</b>	<b>94.300</b>	<b>94.300</b>	<b>94.350</b>	<b>94.275</b>	<b>0.500</b>	<b>94.330</b>	<b>9/17/2008</b>	<b>32,490</b>	<b>68,287</b>	<b>SEP</b>
F.QSAV08	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	10/15/2008	0	0	OCT
F.QSAX08	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	11/19/2008	0	0	NOV
<b>F.QSAZ08</b>	<b>94.410</b>	<b>94.415</b>	<b>94.415</b>	<b>94.415</b>	<b>94.465</b>	<b>94.400</b>	<b>7.000</b>	<b>94.440</b>	<b>12/17/2008</b>	<b>61,608</b>	<b>52,165</b>	<b>DEC</b>
<b>F.QSAH09</b>	<b>95.030</b>	<b>95.035</b>	<b>95.030</b>	<b>95.030</b>	<b>95.075</b>	<b>94.925</b>	<b>22.000</b>	<b>94.965</b>	<b>3/18/2009</b>	<b>97,204</b>	<b>54,055</b>	<b>MAR</b>
<b>F.QSAM09</b>	<b>95.255</b>	<b>95.260</b>	<b>95.260</b>	<b>95.260</b>	<b>95.295</b>	<b>95.145</b>	<b>24.500</b>	<b>95.165</b>	<b>6/17/2009</b>	<b>69,426</b>	<b>43,897</b>	<b>JUN</b>
F.QSAU09	95.350	95.355	95.355	95.355	95.395	95.240	25.000	95.285	9/16/2009	81,670	72,719	SEP
F.QSAZ09	95.250	95.255	95.255	95.255	1048.300	95.150	23.500	95.150	12/16/2009	53,969	28,867	DEC
F.QSAH10	95.255	95.260	95.255	95.255	95.305	95.185	22.000	95.205	3/17/2010	20,709	16,352	MAR
F.QSAM10	95.140	95.145	95.145	95.145	95.200	95.070	19.500	95.070	6/16/2010	7,720	5,304	JUN
F.QSAU10	95.040	95.045	95.045	95.045	95.110	95.030	17.000	95.055	9/15/2010	6,696	1,001	SEP
F.QSAZ10	94.905	94.935	94.935	94.915	94.965	94.875	15.500	94.945	12/15/2010	2,277	40	DEC
F.QSAH11	94.910	94.940	94.940	94.935	94.935	94.920	16.500	94.920	3/16/2011	61	31	MAR
F.QSAM11	94.885	94.930	94.930	94.805	#VALUE!	#VALUE!	17.000	#VALUE!	6/15/2011	15	0	JUN
F.QSAU11	#VALUE!	94.945	94.945	#VALUE!	#VALUE!	#VALUE!	18.500	#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

**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.liffebundles.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	11010	11014	11014	11012	11029	11010	143	11012	9/26/2008	980	50	SEP
F.QGAZ09	11243	11244	11244	11244	11276	11194	154	11194	12/29/2008	117,872	59,759	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	3.10625	3.10625	3.10625	2.14625	0.96000	2.14625		
USDLIB1M	2.49688	2.49688	2.49688	2.48813	0.00875	2.48813		
USDLIB3M	2.81625	2.81625	2.81875	2.81625	(0.00250)	2.81875		
USDLIB6M	3.00125	3.00125	3.08938	3.00125	(0.08813)	3.08938		
USDLIB1Y	2.98750	2.98750	3.12750	2.98750	(0.14000)	3.12750		
<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	5.49375	5.49375	5.49375	5.04750	0.44625	5.04750		
GBPLIB1M	5.38125	5.38125	5.38125	5.35563	0.02562	5.35563		
GBPLIB3M	5.71500	5.71500	5.71500	5.70375	0.01125	5.70375		
GBPLIB6M	5.85375	5.85375	5.85375	5.84938	0.00437	5.84938		
GBPLIB1Y	5.94875	5.94875	5.95438	5.94875	(0.00563)	5.95438		
<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	4.4938	4.4938	4.4938	4.2950	0.1988	4.2950		
EUIBOR1M	4.5240	4.5240	4.5240	4.5160	0.0080	4.5160		
EUIBOR3M	4.9640	4.9640	4.9640	4.9580	0.0060	4.9580		
EUIBOR6M	5.1870	5.1870	5.1870	5.1850	0.0020	5.1850		
EUIBOR1Y	5.3410	5.3410	5.3410	5.3410	0.0000	5.3410		
<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	1.7887	1.7889	1.7889	1.7889	1.8133	1.7875	(0.0053)	1.8052
GBPEUR	1.261	1.2617	1.2617	1.2617	1.2633	1.2482	0.0002	1.2582
GBPJPY	1.8835	1.8839	1.8839	1.8839	1.9231	1.8764	(0.0538)	1.9056
EURGBP	0.7927	0.7931	0.7931	0.7931	0.8013	0.7915	(0.0002)	0.7944

**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: Central order book applies price/time priority trading algorithm</b> .Wholesale <b>Services:</b> Asset Allocation, Block Trading, Basis Trading
<b>Contract Standard:</b>	See euronext.com