

## 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>95.015</b>	<b>95.020</b>	<b>95.015</b>	<b>95.015</b>	<b>95.025</b>	<b>95.000</b>	<b>(0.500)</b>	<b>95.025</b>	<b>9/15/2008</b>	<b>43,826</b>	<b>116,814</b>	<b>SEP</b>
f.qeav08	94.900	94.910	94.900	94.895	94.915	94.885	(2.000)	94.915	10/13/2008	1,899	3,743	OCT
f.qeax08	94.900	94.920	94.920	94.905	94.915	94.900	(1.500)	94.915	11/17/2008	250	1,001	NOV
<b>f.qeaz08</b>	<b>94.920</b>	<b>94.925</b>	<b>94.925</b>	<b>94.925</b>	<b>94.940</b>	<b>94.880</b>	<b>(1.000)</b>	<b>94.940</b>	<b>12/15/2008</b>	<b>101,096</b>	<b>114,003</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>95.210</b>	<b>95.215</b>	<b>95.215</b>	<b>95.215</b>	<b>95.230</b>	<b>95.160</b>	<b>(1.000)</b>	<b>95.225</b>	<b>3/16/2009</b>	<b>123,013</b>	<b>101,093</b>	<b>MAR</b>
<b>f.qeam09</b>	<b>95.410</b>	<b>95.415</b>	<b>95.415</b>	<b>95.415</b>	<b>95.440</b>	<b>95.320</b>	<b>(1.500)</b>	<b>95.425</b>	<b>6/15/2009</b>	<b>153,010</b>	<b>105,475</b>	<b>JUN</b>
f.qeau09	95.570	95.575	95.570	95.570	95.600	95.465	(1.500)	95.575	9/14/2009	109,041	90,219	SEP
f.qeaz09	95.605	95.615	95.615	95.610	95.635	95.490	(1.000)	95.620	12/14/2009	84,998	61,124	DEC
f.qeah10	95.730	95.735	95.730	95.730	95.755	95.610	(1.000)	95.735	3/15/2010	55,340	48,739	MAR
f.qeam10	95.745	95.750	95.750	95.750	95.770	95.620	0.000	95.745	6/14/2010	52,554	35,434	JUN
f.qeau10	95.720	95.730	95.720	95.725	95.750	95.600	(0.500)	95.735	9/13/2010	16,059	13,196	SEP
f.qeaz10	95.650	95.660	95.660	95.655	95.685	95.525	0.500	95.640	12/13/2010	11,348	9,302	DEC
f.qeah11	95.670	95.680	95.680	95.675	95.705	95.545	1.500	95.595	3/14/2011	5,683	5,318	MAR
f.qeam11	95.655	95.675	95.675	95.660	95.690	95.545	2.000	95.585	6/13/2011	2,382	1,261	JUN
f.qeau11	95.645	95.670	95.670	95.670	95.670	95.595	2.000	95.595	9/19/2011	269	17	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
<b>F.QSAU08</b>	<b>94.260</b>	<b>94.265</b>	<b>94.265</b>	<b>94.265</b>	<b>94.290</b>	<b>94.255</b>	<b>(1.000)</b>	<b>94.270</b>	<b>9/17/2008</b>	<b>38,751</b>	<b>41,576</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>94.340</b>	<b>94.345</b>	<b>94.345</b>	<b>94.345</b>	<b>94.375</b>	<b>94.320</b>	<b>(2.000)</b>	<b>94.340</b>	<b>12/17/2008</b>	<b>47,943</b>	<b>22,965</b>	<b>DEC</b>
<b>F.QSAH09</b>	<b>94.930</b>	<b>94.935</b>	<b>94.935</b>	<b>94.935</b>	<b>94.965</b>	<b>94.920</b>	<b>(3.500)</b>	<b>94.940</b>	<b>3/18/2009</b>	<b>73,001</b>	<b>31,704</b>	<b>MAR</b>
<b>F.QSAM09</b>	<b>95.130</b>	<b>95.135</b>	<b>95.135</b>	<b>95.135</b>	<b>95.160</b>	<b>95.120</b>	<b>(3.500)</b>	<b>95.140</b>	<b>6/17/2009</b>	<b>52,791</b>	<b>21,893</b>	<b>JUN</b>
F.QSAU09	95.195	95.200	95.200	95.200	95.220	95.165	(3.000)	95.200	9/16/2009	41,759	20,681	SEP
F.QSAZ09	95.090	95.095	95.095	95.095	1046.265	95.055	(2.500)	95.090	12/16/2009	36,447	19,536	DEC
F.QSAH10	95.085	95.095	95.095	95.095	95.115	95.070	(2.500)	95.100	3/17/2010	27,707	11,406	MAR
F.QSAM10	94.980	94.995	94.995	94.995	95.020	94.985	(3.000)	94.990	6/16/2010	8,054	5,590	JUN
F.QSAU10	94.900	94.905	94.905	94.905	94.925	94.895	(3.500)	94.895	9/15/2010	2,352	975	SEP
F.QSAZ10	94.800	94.815	94.815	94.800	94.820	94.800	(2.500)	94.815	12/15/2010	268	171	DEC
F.QSAH11	94.780	94.805	94.805	94.790	94.810	94.790	(2.500)	94.805	3/16/2011	660	151	MAR
F.QSAM11	94.760	94.815	94.815	94.790	94.805	94.790	0.000	94.795	6/15/2011	1,130	32	JUN
F.QSAU11	94.725	94.825	94.825	94.810	94.810	94.810	0.500	94.810	9/21/2011	0	2	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.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	10956	10958	10958	10956	10969	10917	7	10927	9/26/2008	4,266	491	SEP
F.QGAZ09	11182	11183	11182	11182	11199	11137	5	11153	12/29/2008	97,573	42,150	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	2.14750	2.14750	2.16250	2.14750	(0.01500)	2.16250		
USDLIB1M	2.48688	2.48688	2.48750	2.48688	(0.00062)	2.48750		
USDLIB3M	2.81500	2.81500	2.81500	2.81375	0.00125	2.81375		
USDLIB6M	3.11313	3.11313	3.11313	3.10875	0.00438	3.10875		
USDLIB1Y	3.18125	3.18125	3.18125	3.17875	0.00250	3.17875		
<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	5.05563	5.05563	5.05563	5.05438	0.00125	5.05438		
GBPLIB1M	5.36125	5.36125	5.36125	5.36125	0.00000	5.36125		
GBPLIB3M	5.74075	5.74075	5.74388	5.74075	(0.00313)	5.74388		
GBPLIB6M	5.87000	5.87000	5.87750	5.87000	(0.00750)	5.87750		
GBPLIB1Y	5.97563	5.97563	5.98813	5.97563	(0.01250)	5.98813		
<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	4.3075	4.3075	4.3081	4.3075	(0.0006)	4.3081		
EUIBOR1M	4.5150	4.5150	4.5150	4.5150	0.0000	4.5150		
EUIBOR3M	4.9610	4.9610	4.9610	4.9610	0.0010	4.9610		
EUIBOR6M	5.1730	5.1730	5.1730	5.1650	0.0080	5.1650		
EUIBOR1Y	5.3340	5.3340	5.3340	5.3230	0.0110	5.3230		
<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	1.7818	1.782	1.782	1.782	1.7862	1.7704	0.0048	1.7767
GBPEUR	1.2303	1.2311	1.2311	1.2311	1.2314	1.2211	0.0051	1.2249
GBPJPY	1.9309	1.9313	1.9313	1.9313	1.9367	1.9141	0.0067	1.9237
EURGBP	0.8124	0.8125	0.8125	0.8125	0.8192	0.812	(0.0037)	0.8159

**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