

## 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	95.015	95.020	95.015	95.015	95.020	95.015	(0.015)	95.020	8/18/2008	3,231	709	AUG
<b>f.qeau08</b>	<b>94.980</b>	<b>94.985</b>	<b>94.980</b>	<b>94.980</b>	<b>94.990</b>	<b>94.975</b>	<b>(0.500)</b>	<b>94.985</b>	<b>9/15/2008</b>	<b>81,610</b>	<b>42,362</b>	<b>SEP</b>
f.qeav08	94.890	94.955	94.955	#VALUE!	#VALUE!	#VALUE!	3.000	#VALUE!	10/13/2008	0	0	OCT
f.qeax08	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	11/17/2008	0	0	NOV
<b>f.qeaz08</b>	<b>94.905</b>	<b>94.910</b>	<b>94.905</b>	<b>94.905</b>	<b>94.920</b>	<b>94.890</b>	<b>0.500</b>	<b>94.905</b>	<b>12/15/2008</b>	<b>141,900</b>	<b>62,124</b>	<b>DEC</b>
<b>f.qeah09</b>	<b>94.990</b>	<b>94.995</b>	<b>94.995</b>	<b>94.995</b>	<b>95.010</b>	<b>94.965</b>	<b>1.500</b>	<b>94.980</b>	<b>3/16/2009</b>	<b>165,005</b>	<b>77,227</b>	<b>MAR</b>
<b>f.qeam09</b>	<b>95.075</b>	<b>95.080</b>	<b>95.080</b>	<b>95.080</b>	<b>95.105</b>	<b>95.050</b>	<b>2.000</b>	<b>95.065</b>	<b>6/15/2009</b>	<b>172,441</b>	<b>56,928</b>	<b>JUN</b>
f.qeau09	95.145	95.150	95.145	95.145	95.175	95.115	2.000	95.130	9/14/2009	118,136	53,322	SEP
f.qeaz09	95.160	95.165	95.165	95.165	95.200	95.140	2.000	95.150	12/14/2009	117,883	35,248	DEC
f.qeah10	95.200	95.205	95.200	95.200	95.245	95.180	1.500	95.200	3/15/2010	58,074	24,549	MAR
f.qeam10	95.175	95.185	95.185	95.180	95.230	95.160	2.000	95.170	6/14/2010	25,157	14,107	JUN
f.qeau10	95.160	95.165	95.160	95.150	95.210	95.145	0.500	95.155	9/13/2010	9,302	2,781	SEP
f.qeaz10	95.130	95.135	95.130	95.120	95.180	95.110	0.000	95.130	12/13/2010	9,940	2,816	DEC
f.qeah11	95.165	95.170	95.165	95.150	95.205	95.150	0.000	95.195	3/14/2011	4,135	2,789	MAR
f.qeam11	95.165	95.175	95.175	95.155	95.210	95.155	0.500	95.210	6/13/2011	2,255	633	JUN
f.qeau11	95.165	95.190	95.190	95.180	95.180	95.180	1.500	95.180	9/19/2011	132	25	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>94.135</b>	<b>94.135</b>	<b>94.145</b>	<b>94.135</b>	<b>1.500</b>	<b>94.135</b>	<b>9/17/2008</b>	<b>60,236</b>	<b>26,537</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>94.225</b>	<b>94.235</b>	<b>94.235</b>	<b>94.230</b>	<b>94.245</b>	<b>94.190</b>	<b>5.000</b>	<b>94.200</b>	<b>12/17/2008</b>	<b>89,184</b>	<b>31,423</b>	<b>DEC</b>
<b>F.QSAH09</b>	<b>94.445</b>	<b>94.450</b>	<b>94.450</b>	<b>94.450</b>	<b>94.465</b>	<b>94.400</b>	<b>6.500</b>	<b>94.405</b>	<b>3/18/2009</b>	<b>114,090</b>	<b>44,653</b>	<b>MAR</b>
<b>F.QSAM09</b>	<b>94.520</b>	<b>94.525</b>	<b>94.520</b>	<b>94.520</b>	<b>94.540</b>	<b>94.470</b>	<b>7.000</b>	<b>94.470</b>	<b>6/17/2009</b>	<b>104,681</b>	<b>34,598</b>	<b>JUN</b>
F.QSAU09	94.500	94.505	94.500	94.500	94.525	94.435	8.000	94.440	9/16/2009	76,851	30,344	SEP
F.QSAZ09	94.430	94.440	94.430	94.440	1039.060	94.380	7.500	94.380	12/16/2009	33,810	13,861	DEC
F.QSAH10	94.390	94.400	94.390	94.390	94.420	94.350	7.000	94.375	3/17/2010	14,382	5,140	MAR
F.QSAM10	94.350	94.365	94.350	94.360	94.380	94.320	7.000	94.345	6/16/2010	7,440	3,773	JUN
F.QSAU10	94.325	94.340	94.325	94.340	94.370	94.290	6.500	94.290	9/15/2010	3,387	544	SEP
F.QSAZ10	94.310	94.335	94.310	94.350	94.360	94.285	5.500	94.285	12/15/2010	312	38	DEC
F.QSAH11	94.320	94.365	94.365	94.395	94.395	94.395	9.000	94.395	3/16/2011	748	2	MAR
F.QSAM11	94.355	94.400	94.355	94.435	94.435	94.435	4.000	94.435	6/15/2011	50	1	JUN
F.QSAU11	94.370	#VALUE!	94.370	#VALUE!	#VALUE!	#VALUE!	1.000	#VALUE!	9/21/2011	0	0	SEP
F.QSAZ11	#VALUE!	94.465	94.465	#VALUE!	#VALUE!	#VALUE!	9.000	#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	10640	10642	10640	10640	10664	10613	39	10625	9/26/2008	86,436	33,572	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

USD LIBOR	Last Quote	Last Trade	Hi	Low	Net Chng	Open		
USDLIBON	2.10375	2.10375	2.10375	2.10375	0.00625	2.10375		
USDLIB1M	2.45750	2.45750	2.45750	2.45750	(0.00250)	2.45750		
USDLIB3M	2.79313	2.79313	2.79313	2.79313	(0.00187)	2.79313		
USDLIB6M	3.11188	3.11188	3.11188	3.11188	(0.04500)	3.11188		
USDLIB1Y	3.27188	3.27188	3.27188	3.27188	(0.10875)	3.27188		
GBP LIBOR	Last Quote	Last Trade	Hi	Low	Net Chng	Open		
GBPLIBON	5.05875	5.05875	5.05875	5.05750	0.00125	5.05750		
GBPLIB1M	5.39375	5.39375	5.39625	5.39375	(0.00250)	5.39625		
GBPLIB3M	5.79563	5.79563	5.79625	5.79563	(0.00062)	5.79625		
GBPLIB6M	5.99063	5.99063	5.99125	5.99063	(0.00062)	5.99125		
GBPLIB1Y	6.19625	6.19625	6.20500	6.19625	(0.00875)	6.20500		
EURIBOR DEPOSITS	Last Quote	Last Trade	Hi	Low	Net Chng	Open		
EURLIBON	4.2913	4.2913	4.2975	4.2913	(0.0062)	4.2975		
EUIBOR1M	4.4830	4.4830	4.4830	4.4830	0.0000	4.4830		
EUIBOR3M	4.9620	4.9620	4.9620	4.9620	0.0000	4.9620		
EUIBOR6M	5.1480	5.1480	5.1550	5.1480	(0.0070)	5.1550		
EUIBOR1Y	5.3870	5.3870	5.4090	5.3870	(0.0220)	5.4090		
GBP DEPOSITS	Bid	Ask	Last Quote	Last Trade	Hi	Low	Net Chng	Open
GBPDEP1M	5.220	5.420	5.420	5.420	5.490	5.170	0.050	5.300
GBPDEP3M	5.640	5.840	5.840	5.840	5.890	5.570	0.050	5.700
GBPDEP6M	5.830	6.030	6.030	6.030	6.090	5.760	0.050	5.900
GBPDEP1Y	6.040	6.240	6.240	6.240	6.300	5.980	0.040	6.130
CURRENCIES	Bid	Ask	Last Quote	Last Trade	Hi	Low	Net Chng	Open
GBPUSD	1.9965	1.9968	1.9968	1.9968	1.9983	1.9828	0.0098	1.9867
GBPEUR	1.2676	1.2683	1.2683	1.2683	1.2695	1.2622	0.0007	1.2668
GBPJPY	2.1404	2.1409	2.1404	2.1404	2.1453	2.1156	0.0076	2.1322
EURGBP	0.7885	0.7887	0.7887	0.7887	0.7927	0.7877	(0.0011)	0.789

**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