

## 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.qeak08	95.140	95.145	95.145	95.140	95.145	95.140	0.000	95.140	5/19/2008	25,145	6,799	MAY
<b>f.qeam08</b>	<b>95.175</b>	<b>95.180</b>	<b>95.175</b>	<b>95.175</b>	<b>95.185</b>	<b>95.170</b>	<b>0.000</b>	<b>95.170</b>	<b>6/16/2008</b>	<b>100,678</b>	<b>42,226</b>	<b>JUN</b>
F.QEAN08	95.200	95.230	95.200	#VALUE!	#VALUE!	#VALUE!	(0.020)	#VALUE!	7/14/2008	0	0	JUL
F.QEAQ08	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	8/18/2008	0	0	AUG
<b>f.qeau08</b>	<b>95.260</b>	<b>95.265</b>	<b>95.265</b>	<b>95.265</b>	<b>95.280</b>	<b>95.215</b>	<b>1.500</b>	<b>95.215</b>	<b>9/15/2008</b>	<b>128,846</b>	<b>47,513</b>	<b>SEP</b>
<b>f.qeaz08</b>	<b>95.330</b>	<b>95.335</b>	<b>95.335</b>	<b>95.330</b>	<b>95.360</b>	<b>95.310</b>	<b>2.000</b>	<b>95.310</b>	<b>12/15/2008</b>	<b>152,420</b>	<b>58,335</b>	<b>DEC</b>
<b>f.qeah09</b>	<b>95.480</b>	<b>95.490</b>	<b>95.490</b>	<b>95.490</b>	<b>95.520</b>	<b>95.465</b>	<b>1.500</b>	<b>95.465</b>	<b>3/16/2009</b>	<b>134,420</b>	<b>48,566</b>	<b>MAR</b>
f.qeam09	95.620	95.625	95.625	95.625	95.660	95.610	0.500	95.610	6/15/2009	102,579	32,482	JUN
f.qeau09	95.765	95.770	95.765	95.765	95.805	95.750	(0.500)	95.765	9/14/2009	81,452	23,132	SEP
f.qeaz09	95.820	95.825	95.820	95.820	95.860	95.800	(0.500)	95.800	12/14/2009	53,301	17,598	DEC
f.qeah10	95.875	95.880	95.880	95.880	95.925	95.860	(0.500)	95.880	3/15/2010	25,488	8,916	MAR
f.qeam10	95.885	95.890	95.885	95.885	95.930	95.875	(1.500)	95.875	6/14/2010	11,918	2,719	JUN
f.qeau10	95.885	95.890	95.885	95.885	95.940	95.875	(2.000)	95.875	9/13/2010	8,839	1,545	SEP
f.qeaz10	95.850	95.860	95.860	95.855	95.895	95.855	(1.500)	95.855	12/13/2010	3,940	3,061	DEC
f.qeah11	95.865	95.870	95.870	95.865	95.900	95.865	(2.000)	95.880	3/14/2011	3,205	3,818	MAR
f.qeam11	95.825	95.880	95.825	95.850	#VALUE!	#VALUE!	(4.500)	#VALUE!	6/13/2011	77	0	JUN
f.qeau11	#VALUE!	#VALUE!	#VALUE!	95.855	#VALUE!	#VALUE!	#VALUE!	#VALUE!	9/19/2011	70	0	SEP
f.qeaz11	#VALUE!	#VALUE!	#VALUE!	95.835	#VALUE!	#VALUE!	#VALUE!	#VALUE!	12/19/2011	7	0	DEC
f.qeah12	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	3/19/2012	0	0	MAR
f.qeam12	#VALUE!	#VALUE!	#VALUE!	95.850	#VALUE!	#VALUE!	#VALUE!	#VALUE!	6/18/2012	11	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

**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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## SHORT STERLING

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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.QSAK08	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	5/21/2008	0	0	MAY
<b>F.QSAM09</b>	<b>94.165</b>	<b>94.170</b>	<b>94.170</b>	<b>94.170</b>	<b>94.185</b>	<b>94.150</b>	<b>0.000</b>	<b>94.160</b>	<b>6/18/2008</b>	<b>28,746</b>	<b>13,039</b>	<b>JUN</b>
F.QSAN08	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!		#VALUE!	7/16/2008	0	0	JUL
<b>F.QSAU08</b>	<b>94.220</b>	<b>94.225</b>	<b>94.220</b>	<b>94.220</b>	<b>94.255</b>	<b>94.210</b>	<b>(1.500)</b>	<b>94.230</b>	<b>9/17/2008</b>	<b>47,555</b>	<b>30,077</b>	<b>SEP</b>
<b>F.QSAZ08</b>	<b>94.290</b>	<b>94.295</b>	<b>94.290</b>	<b>94.290</b>	<b>94.350</b>	<b>94.275</b>	<b>(5.000)</b>	<b>94.330</b>	<b>12/17/2008</b>	<b>63,087</b>	<b>24,574</b>	<b>DEC</b>
<b>F.QSAH09</b>	<b>94.460</b>	<b>94.465</b>	<b>94.460</b>	<b>94.460</b>	<b>94.535</b>	<b>94.445</b>	<b>(7.500)</b>	<b>94.510</b>	<b>3/18/2009</b>	<b>65,502</b>	<b>31,864</b>	<b>MAR</b>
F.QSAM09	94.565	94.570	94.570	94.565	94.645	94.555	(7.000)	94.625	6/17/2009	45,048	24,948	JUN
F.QSAU09	94.600	94.605	94.605	94.605	94.675	94.595	(6.000)	94.675	9/16/2009	38,427	11,922	SEP
F.QSAZ09	94.585	94.590	94.585	94.585	1041.260	94.580	(5.000)	94.620	12/16/2009	14,305	3,259	DEC
F.QSAH10	94.590	94.600	94.590	94.595	94.660	94.585	(4.000)	94.620	3/17/2010	6,381	3,639	MAR
F.QSAM10	94.605	94.620	94.620	94.605	94.650	94.605	(1.500)	94.620	6/16/2010	1,686	1,924	JUN
F.QSAU10	94.610	94.630	94.630	94.615	94.655	94.610	(0.500)	94.620	9/15/2010	584	1,753	SEP
F.QSAZ10	94.595	94.625	94.595	94.605	94.645	94.605	(3.000)	94.645	12/15/2010	1,091	758	DEC
F.QSAH11	94.605	94.645	94.605	94.625	94.655	94.620	(3.000)	94.655	3/16/2011	398	76	MAR
F.QSAM11	94.600	94.690	94.600	#VALUE!	#VALUE!	#VALUE!	(5.000)	#VALUE!	6/15/2011	0	0	JUN
F.QSAU11	94.605	#VALUE!	94.605	94.645	#VALUE!	#VALUE!	(5.500)	#VALUE!	9/21/2011	60	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	10746	10747	10747	10747	10783	10742	-12	10754	6/26/2008	65,947	17,986	JUN
F.QGAU08	10731	10747	10731				-24		9/26/2008	0	0	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

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## Money Rates

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USD LIBOR	Last Quote	Last Trade	Hi	Low	Net Chng	Open		
USDLIBON	2.15250	2.15250	2.17500	2.15250	(0.02250)	2.17500		
USDLIB1M	2.45125	2.45125	2.47875	2.45125	(0.02750)	2.47875		
USDLIB3M	2.67750	2.67750	2.69500	2.67750	(0.01750)	2.69500		
USDLIB6M	2.84500	2.84500	2.88625	2.84500	(0.04125)	2.88625		
USDLIB1Y	3.02625	3.02625	3.08125	3.02625	(0.05500)	3.08125		
GBP LIBOR	Last Quote	Last Trade	Hi	Low	Net Chng	Open		
GBPLIBON	5.09375	5.09375	5.09375	5.09375	0.00000	5.09375		
GBPLIB1M	5.45750	5.45750	5.45813	5.45750	(0.00063)	5.45813		
GBPLIB3M	5.84750	5.84750	5.84875	5.84750	(0.00125)	5.84875		
GBPLIB6M	5.90813	5.90813	5.90813	5.90625	0.00188	5.90625		
GBPLIB1Y	5.98938	5.98938	5.98938	5.98500	0.00438	5.98500		
EURIBOR DEPOSITS	Last Quote	Last Trade	Hi	Low	Net Chng	Open		
EURLIBON	4.0063	4.0063	4.0063	4.0063	0.0000	4.0063		
EUIBOR1M	4.3760	4.3760	4.3760	4.3750	0.0010	4.3750		
EUIBOR3M	4.8580	4.8580	4.8590	4.8580	(0.0010)	4.8590		
EUIBOR6M	4.8960	4.8960	4.9000	4.8960	(0.0040)	4.9000		
EUIBOR1Y	4.9820	4.9820	4.9880	4.9820	(0.0060)	4.9880		
GBP DEPOSITS	Bid	Ask	Last Quote	Last Trade	Hi	Low	Net Chng	Open
GBPDEP1M	5.300	5.500	5.500	5.500	5.550	5.250	0.050	5.350
GBPDEP3M	5.710	5.910	5.910	5.910	5.960	5.620	0.050	5.760
GBPDEP6M	5.770	5.970	5.970	5.970	6.020	5.680	0.050	5.820
GBPDEP1Y	5.850	6.050	6.050	6.050	6.100	5.760	0.050	5.900
CURRENCIES	Bid	Ask	Last Quote	Last Trade	Hi	Low	Net Chng	Open
GBPUSD	1.9558	1.9561	1.9561	1.9561	1.9628	1.9534	(0.0012)	1.9567
GBPEUR	1.2561	1.2568	1.2568	1.2568	1.2582	1.2535	(0.0002)	1.2543
GBPJPY	2.0349	2.0359	2.0359	2.0359	2.0419	2.0302	(0.0011)	2.0355
EURGBP	0.7959	0.7961	0.7961	0.7961	0.798	0.7948	0.0000	0.7966

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## Contract Specs

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**Three Month Sterling (Short Sterling) Interest Rate Futures**

**Unit of trading** £500,000

**Delivery months** March, June, September, December, and two serial months, such that 23 delivery months are available for trading, with the nearest three delivery months being

**Quotation** 100.00 minus rate of interest

**Minimum price movement** 0.01 (£12.50)

**Last trading day** 11:00 - Third Wednesday of the delivery month.

**Delivery day** First business day after the Last Trading Day.

**Trading hours** 07:30 - 18:00 [London time]

**Trading Platform:** LIFFE CONNECT® Trading Host for Futures and Options. **Algorithm:** Central order book applies a pro-rata algorithm, but with priority given to the first order at

**Contract Standard:** Cash settlement based on the Exchange Delivery Settlement Price.

**Euribor**

**Unit of trading** £1,000,000

**Delivery months** March, June, September,

**Quotation** 100.00 minus

**Minimum price movement** 0.005 (€12.50)

**Last trading day** 10:00 - Two business days

**Delivery day** First business day after the

**Trading hours** 01:00 – 21:00 [London time]

**Trading Platform:** LIFFE CONNECT®

**Contract Standard:** Cash settlement

**Long Gilt Futures**

**Unit of trading** £100,000 nominal value notional Gilt with 6% coupon

**Delivery months** March, June, September, December, such that the nearest three delivery months are available for trading.

**Quotation** Per £100 nominal

**Minimum price movement** 0.01 (£10)

**Last trading day** 11:00 - Third Wednesday of the delivery month.

**Delivery day** Any business day in delivery month (at seller's choice)

**Trading hours** 08:00 - 18:00 [London time]

**Trading Platform:** LIFFE CONNECT® Trading Host for Futures and Options. **Algorithm:** Central order book applies price/time priority trading algorithm .Wholesale **Services:** Asset Allocation, Block Trading, Basis Trading

**Contract Standard:** See euronext.com

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