

## The Morning Email: STIRS

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Want something added? Let me know: [jgoulding@ghco.com](mailto:jgoulding@ghco.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.qeaf09	97.390	97.395	97.395	97.395	97.395	97.380	2.000	97.395	1/19/2009	16,992	11,615	JAN
f.qeag09	97.570	97.665	97.665	#VALUE!	#VALUE!	#VALUE!	12.500	#VALUE!	2/16/2009	0	0	FEB
<b>f.qeah09</b>	<b>97.770</b>	<b>97.775</b>	<b>97.775</b>	<b>97.775</b>	<b>97.785</b>	<b>97.760</b>	<b>1.500</b>	<b>97.775</b>	<b>3/16/2009</b>	<b>72,663</b>	<b>45,323</b>	<b>MAR</b>
f.qeaj09	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	4/13/2009	0	0	APR
f.qeaK09	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	5/18/2009	0	0	MAY
<b>f.qeam09</b>	<b>98.020</b>	<b>98.025</b>	<b>98.025</b>	<b>98.025</b>	<b>98.035</b>	<b>97.985</b>	<b>1.500</b>	<b>98.010</b>	<b>6/15/2009</b>	<b>37,049</b>	<b>24,574</b>	<b>JUN</b>
<b>f.qeau09</b>	<b>97.980</b>	<b>97.985</b>	<b>97.985</b>	<b>97.985</b>	<b>97.995</b>	<b>97.935</b>	<b>1.500</b>	<b>97.970</b>	<b>9/14/2009</b>	<b>48,795</b>	<b>23,662</b>	<b>SEP</b>
<b>f.qeaz09</b>	<b>97.725</b>	<b>97.735</b>	<b>97.735</b>	<b>97.730</b>	<b>97.740</b>	<b>97.670</b>	<b>0.000</b>	<b>97.735</b>	<b>12/14/2009</b>	<b>28,806</b>	<b>24,503</b>	<b>DEC</b>
f.qeah10	97.525	97.530	97.530	97.535	97.570	97.460	(2.500)	97.570	3/15/2010	23,016	10,119	MAR
f.qeam10	97.285	97.290	97.290	97.295	97.345	97.225	(4.000)	97.345	6/14/2010	16,812	9,637	JUN
f.qeau10	97.100	97.110	97.100	97.105	97.155	97.030	(5.500)	97.145	9/13/2010	11,576	6,691	SEP
f.qeaz10	96.895	96.905	96.905	96.905	96.950	96.795	(5.000)	96.945	12/13/2010	6,100	3,587	DEC
f.qeah11	96.795	96.815	96.795	96.810	96.850	96.660	(6.500)	96.850	3/14/2011	2,524	1,918	MAR
f.qeam11	96.680	96.700	96.700	96.680	96.730	96.620	(4.000)	96.730	6/13/2011	1,829	1,102	JUN
f.qeau11	96.580	96.620	96.620	96.595	96.595	96.550	(3.000)	96.560	9/19/2011	627	281	SEP
f.qeaz11	96.465	96.495	96.495	96.460	96.460	96.430	(2.000)	96.430	12/19/2011	880	6	DEC
f.qeah12	#VALUE!	96.460	96.460	#VALUE!	#VALUE!	#VALUE!	1.000	#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

**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/>

12/30/2008 6:00

## 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.QSAF09	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	1/21/2009	0	0	JAN
F.QSAG09	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	2/18/2009	0	0	FEB
<b>F.QSAH09</b>	<b>98.210</b>	<b>98.215</b>	<b>98.210</b>	<b>98.210</b>	<b>98.230</b>	<b>98.190</b>	<b>0.000</b>	<b>98.200</b>	<b>3/18/2009</b>	<b>14,649</b>	<b>6,117</b>	<b>MAR</b>
<b>F.QSAM09</b>	<b>98.335</b>	<b>98.340</b>	<b>98.340</b>	<b>98.340</b>	<b>98.340</b>	<b>98.285</b>	<b>2.000</b>	<b>98.285</b>	<b>6/17/2009</b>	<b>18,727</b>	<b>7,047</b>	<b>JUN</b>
<b>F.QSAU09</b>	<b>98.230</b>	<b>98.235</b>	<b>98.235</b>	<b>98.235</b>	<b>98.240</b>	<b>98.165</b>	<b>4.000</b>	<b>98.165</b>	<b>9/16/2009</b>	<b>13,867</b>	<b>5,793</b>	<b>SEP</b>
<b>F.QSAZ09</b>	<b>97.865</b>	<b>97.870</b>	<b>97.865</b>	<b>97.865</b>	<b>1076.515</b>	<b>97.795</b>	<b>3.500</b>	<b>97.830</b>	<b>12/16/2009</b>	<b>13,580</b>	<b>4,198</b>	<b>DEC</b>
F.QSAH10	97.575	97.585	97.585	97.575	97.580	97.510	3.500	97.550	3/17/2010	8,375	3,601	MAR
F.QSAM10	97.240	97.250	97.250	97.235	97.245	97.175	2.000	97.220	6/16/2010	3,250	2,625	JUN
F.QSAU10	96.945	96.955	96.945	96.950	96.950	96.880	0.000	96.935	9/15/2010	2,269	1,774	SEP
F.QSAZ10	96.685	96.695	96.685	96.685	96.690	96.620	(0.500)	96.670	12/15/2010	1,783	464	DEC
F.QSAH11	96.550	96.565	96.550	96.555	96.565	96.495	(2.000)	96.565	3/16/2011	837	534	MAR
F.QSAM11	96.445	96.460	96.445	96.445	96.445	96.395	(2.000)	96.395	6/15/2011	232	256	JUN
F.QSAU11	96.370	96.405	96.405	96.340	96.340	96.330	3.000	96.340	9/21/2011	12	12	SEP
F.QSAZ11	96.320	96.360	96.360	96.325	96.325	96.260	4.500	96.260	12/21/2011	152	123	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

**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.QGAZ08									#VALUE!			
F.QGAH09	12270	12273	12270	12271	12290	12242	-20	12289	3/27/2009	14,294	9,789	MAR
F.QGAM09									6/26/2009	0	0	JUN

## TRADING CALENDAR: BOND DERIVATIVES

Liffe Market: London

### Long Gilt

	Futures			Options
Time*	11.00			10.00
Delivery/Expiry	Last trading	First notice	Last notice	Last trading day/ Expiry
<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	0.13875	0.13875	0.13875	0.13750	0.00125	0.13750		
USDLIB1M	0.44750	0.44750	0.46125	0.44750	(0.01375)	0.46125		
USDLIB3M	1.43500	1.43500	1.45875	1.43500	(0.02375)	1.45875		
USDLIB6M	1.77500	1.77500	1.81125	1.77500	(0.03625)	1.81125		
USDLIB1Y	2.02500	2.02500	2.07750	2.02500	(0.05250)	2.07750		
<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	2.00000	2.00000	2.00000	2.00000	0.00000	2.00000		
GBPLIB1M	2.18000	2.18000	2.19750	2.18000	(0.01750)	2.19750		
GBPLIB3M	2.79250	2.79250	2.81500	2.79250	(0.02250)	2.81500		
GBPLIB6M	2.97875	2.97875	2.99813	2.97875	(0.01938)	2.99813		
GBPLIB1Y	3.09375	3.09375	3.11375	3.09375	(0.02000)	3.11375		
<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	2.1250	2.1250	2.1438	2.1250	(0.0188)	2.1438		
EUIBOR1M	2.6340	2.6340	2.6920	2.6340	(0.0580)	2.6920		
EUIBOR3M	2.9280	2.9280	2.9730	2.9280	(0.0450)	2.9730		
EUIBOR6M	3.0000	3.0000	3.0370	3.0000	(0.0370)	3.0370		
EUIBOR1Y	3.0850	3.0850	3.1260	3.0850	(0.0410)	3.1260		
<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	1.4495	1.4502	1.4502	1.4502	1.4556	1.4385	0.0105	1.4392
GBPEUR	1.0228	1.0235	1.0235	1.0235	1.0361	1.021	(0.0105)	1.0331
GBPJPY	1.3078	1.3084	1.3078	1.3078	1.3197	1.303	0.0022	1.3046
EURGBP	0.9774	0.9781	0.9781	0.9781	0.9796	0.9651	0.0100	0.9675

**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
<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
<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