

## 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	97.570	97.580	97.580	97.575	97.585	97.545	2.500	97.550	1/19/2009	23,922	10,747	JAN
f.qeag09	97.780	97.790	97.790	97.780	97.780	97.730	5.000	97.750	2/16/2009	21,340	3,871	FEB
<b>f.qeah09</b>	<b>97.975</b>	<b>97.980</b>	<b>97.975</b>	<b>97.975</b>	<b>98.000</b>	<b>97.895</b>	<b>5.500</b>	<b>97.925</b>	<b>3/16/2009</b>	<b>333,628</b>	<b>94,522</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>98.185</b>	<b>98.190</b>	<b>98.185</b>	<b>98.185</b>	<b>98.210</b>	<b>98.100</b>	<b>5.500</b>	<b>98.130</b>	<b>6/15/2009</b>	<b>242,030</b>	<b>66,704</b>	<b>JUN</b>
<b>f.qeau09</b>	<b>98.145</b>	<b>98.150</b>	<b>98.150</b>	<b>98.150</b>	<b>98.180</b>	<b>98.070</b>	<b>4.500</b>	<b>98.105</b>	<b>9/14/2009</b>	<b>167,063</b>	<b>66,091</b>	<b>SEP</b>
<b>f.qeaz09</b>	<b>97.950</b>	<b>97.955</b>	<b>97.955</b>	<b>97.955</b>	<b>97.990</b>	<b>97.885</b>	<b>2.000</b>	<b>97.940</b>	<b>12/14/2009</b>	<b>126,645</b>	<b>49,232</b>	<b>DEC</b>
f.qeah10	97.800	97.805	97.800	97.800	97.840	97.740	0.000	97.800	3/15/2010	95,730	40,793	MAR
f.qeam10	97.570	97.580	97.570	97.575	97.615	97.515	(1.000)	97.550	6/14/2010	86,191	30,489	JUN
f.qeau10	97.365	97.375	97.365	97.370	97.415	97.315	(1.000)	97.350	9/13/2010	54,446	19,801	SEP
f.qeaz10	97.135	97.145	97.145	97.135	97.180	97.080	0.000	97.130	12/13/2010	31,089	9,982	DEC
f.qeah11	97.015	97.025	97.025	97.010	97.055	96.970	(1.000)	96.995	3/14/2011	14,635	6,697	MAR
f.qeam11	96.860	96.870	96.860	96.855	96.900	96.820	(3.000)	96.850	6/13/2011	10,721	4,974	JUN
f.qeau11	96.745	96.750	96.745	96.745	96.780	96.710	(3.500)	96.780	9/19/2011	4,606	2,426	SEP
f.qeaz11	96.605	96.615	96.605	96.595	96.645	96.570	(6.000)	96.620	12/19/2011	2,735	1,139	DEC
f.qeah12	96.580	#VALUE!	96.580	96.630	#VALUE!	#VALUE!	(6.000)	#VALUE!	3/19/2012	2	0	MAR
f.qeam12	#VALUE!	#VALUE!	#VALUE!	96.550	#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/>

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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.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>98.390</b>	<b>98.395</b>	<b>98.390</b>	<b>98.390</b>	<b>98.405</b>	<b>98.340</b>	<b>(2.000)</b>	<b>98.350</b>	<b>3/18/2009</b>	<b>84,620</b>	<b>38,840</b>	<b>MAR</b>
<b>F.QSAM09</b>	<b>98.485</b>	<b>98.490</b>	<b>98.490</b>	<b>98.485</b>	<b>98.505</b>	<b>98.450</b>	<b>(1.000)</b>	<b>98.460</b>	<b>6/17/2009</b>	<b>48,704</b>	<b>15,585</b>	<b>JUN</b>
<b>F.QSAU09</b>	<b>98.395</b>	<b>98.405</b>	<b>98.405</b>	<b>98.400</b>	<b>98.430</b>	<b>98.365</b>	<b>(1.000)</b>	<b>98.375</b>	<b>9/16/2009</b>	<b>38,586</b>	<b>13,913</b>	<b>SEP</b>
<b>F.QSAZ09</b>	<b>98.120</b>	<b>98.125</b>	<b>98.125</b>	<b>98.125</b>	<b>1079.870</b>	<b>98.100</b>	<b>(2.000)</b>	<b>98.115</b>	<b>12/16/2009</b>	<b>24,100</b>	<b>12,113</b>	<b>DEC</b>
F.QSAH10	97.885	97.895	97.895	97.890	97.950	97.875	(2.500)	97.890	3/17/2010	33,173	15,802	MAR
F.QSAM10	97.605	97.610	97.605	97.610	97.670	97.590	(3.500)	97.605	6/16/2010	25,828	15,272	JUN
F.QSAU10	97.325	97.335	97.325	97.320	97.395	97.315	(4.000)	97.345	9/15/2010	17,409	5,796	SEP
F.QSAZ10	97.030	97.040	97.030	97.040	97.100	97.030	(5.000)	97.060	12/15/2010	10,736	3,420	DEC
F.QSAH11	96.865	96.875	96.865	96.870	96.930	96.860	(4.500)	96.930	3/16/2011	2,768	1,848	MAR
F.QSAM11	96.705	96.720	96.705	96.710	96.740	96.710	(5.000)	96.740	6/15/2011	7,773	258	JUN
F.QSAU11	96.590	96.615	96.615	96.630	96.640	96.630	(3.500)	96.635	9/21/2011	440	151	SEP
F.QSAZ11	96.500	96.530	96.500	96.530	96.565	96.530	(5.500)	96.555	12/21/2011	368	426	DEC
F.QSAH12	#VALUE!	96.505	96.505	#VALUE!	#VALUE!	#VALUE!	(1.000)	#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.liffebundlesandbundles.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	12145	12146	12145	12145	12199	12131	-85	12180	3/27/2009	79,238	25,736	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	0.13625	0.13625	0.13625	0.13625	0.01875	0.13625		
USDLIB1M	0.35938	0.35938	0.35938	0.33375	0.02563	0.33375		
USDLIB3M	1.14250	1.14250	1.14250	1.08563	0.05687	1.08563		
USDLIB6M	1.58875	1.58875	1.58875	1.50125	0.08750	1.50125		
USDLIB1Y	1.89000	1.89000	1.89000	1.77125	0.11875	1.77125		
<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	1.51250	1.51250	1.51250	1.51250	0.01250	1.51250		
GBPLIB1M	1.67125	1.67125	1.68250	1.67125	(0.01125)	1.68250		
GBPLIB3M	2.25938	2.25938	2.26625	2.25938	(0.00687)	2.26625		
GBPLIB6M	2.45625	2.45625	2.46375	2.45625	(0.00750)	2.46375		
GBPLIB1Y	2.59438	2.59438	2.59688	2.59438	(0.00250)	2.59688		
<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	2.0363	2.0363	2.0363	2.0363	(0.0125)	2.0363		
EUIBOR1M	2.1160	2.1160	2.2000	2.1160	(0.0840)	2.2000		
EUIBOR3M	2.4530	2.4530	2.5100	2.4530	(0.0570)	2.5100		
EUIBOR6M	2.5310	2.5310	2.5720	2.5310	(0.0410)	2.5720		
EUIBOR1Y	2.6150	2.6150	2.6510	2.6150	(0.0360)	2.6510		
<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	1.4941	1.4944	1.4944	1.4944	1.4975	1.4624	0.0305	1.4634
GBPEUR	1.1237	1.1245	1.1245	1.1245	1.1312	1.1135	0.0079	1.1156
GBPJPY	1.3535	1.3544	1.3544	1.3544	1.358	1.3131	0.0388	1.3148
EURGBP	0.8896	0.8897	0.8897	0.8897	0.8983	0.8841	(0.0064)	0.8958

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