

## 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	97.405	97.415	97.415	97.415	97.420	97.395	3.500	97.405	1/19/2009	6,408	2,661	JAN
f.qeag09	#VALUE!	#VALUE!	#VALUE!	97.560	#VALUE!	#VALUE!	#VALUE!	#VALUE!	2/16/2009	10	0	FEB
<b>f.qeah09</b>	<b>97.770</b>	<b>97.775</b>	<b>97.770</b>	<b>97.770</b>	<b>97.790</b>	<b>97.740</b>	<b>2.000</b>	<b>97.750</b>	<b>3/16/2009</b>	<b>112,210</b>	<b>64,305</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>98.070</b>	<b>98.075</b>	<b>98.070</b>	<b>98.070</b>	<b>98.090</b>	<b>98.040</b>	<b>2.500</b>	<b>98.045</b>	<b>6/15/2009</b>	<b>103,161</b>	<b>44,785</b>	<b>JUN</b>
<b>f.qeau09</b>	<b>98.020</b>	<b>98.025</b>	<b>98.020</b>	<b>98.020</b>	<b>98.055</b>	<b>97.980</b>	<b>3.000</b>	<b>97.985</b>	<b>9/14/2009</b>	<b>94,406</b>	<b>46,588</b>	<b>SEP</b>
<b>f.qeaz09</b>	<b>97.775</b>	<b>97.780</b>	<b>97.775</b>	<b>97.775</b>	<b>97.805</b>	<b>97.725</b>	<b>4.500</b>	<b>97.725</b>	<b>12/14/2009</b>	<b>86,151</b>	<b>32,384</b>	<b>DEC</b>
f.qeah10	97.595	97.600	97.600	97.600	97.615	97.515	6.500	97.530	3/15/2010	66,633	34,485	MAR
f.qeam10	97.345	97.350	97.350	97.350	97.360	97.265	8.000	97.280	6/14/2010	54,880	37,713	JUN
f.qeau10	97.130	97.135	97.135	97.135	97.145	97.045	8.500	97.055	9/13/2010	44,707	29,667	SEP
f.qeaz10	96.885	96.890	96.890	96.890	96.915	96.815	7.000	96.825	12/13/2010	22,846	17,636	DEC
f.qeah11	96.750	96.760	96.750	96.755	96.780	96.685	5.000	96.705	3/14/2011	7,216	3,662	MAR
f.qeam11	96.605	96.615	96.615	96.615	96.645	96.585	4.500	96.600	6/13/2011	5,559	2,851	JUN
f.qeau11	96.490	96.505	96.490	96.510	96.535	96.490	2.000	96.495	9/19/2011	3,898	2,931	SEP
f.qeaz11	96.340	96.375	96.340	96.370	96.400	96.360	0.000	96.360	12/19/2011	3,275	1,852	DEC
f.qeah12	95.055	97.520	95.055	#VALUE!	#VALUE!	#VALUE!	(127.000)	#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/>

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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	97.670	#VALUE!	97.670	97.670	#VALUE!	#VALUE!	(3.000)	#VALUE!	1/21/2009	3	0	JAN
F.QSAG09	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	2/18/2009	0	0	FEB
<b>F.QSAH09</b>	<b>98.290</b>	<b>98.295</b>	<b>98.295</b>	<b>98.295</b>	<b>98.310</b>	<b>98.265</b>	<b>3.500</b>	<b>98.265</b>	<b>3/18/2009</b>	<b>40,565</b>	<b>12,326</b>	<b>MAR</b>
<b>F.QSAM09</b>	<b>98.365</b>	<b>98.370</b>	<b>98.365</b>	<b>98.365</b>	<b>98.380</b>	<b>98.320</b>	<b>5.500</b>	<b>98.340</b>	<b>6/17/2009</b>	<b>41,556</b>	<b>22,970</b>	<b>JUN</b>
<b>F.QSAU09</b>	<b>98.250</b>	<b>98.255</b>	<b>98.250</b>	<b>98.250</b>	<b>98.285</b>	<b>98.200</b>	<b>5.500</b>	<b>98.210</b>	<b>9/16/2009</b>	<b>34,938</b>	<b>20,771</b>	<b>SEP</b>
<b>F.QSAZ09</b>	<b>97.960</b>	<b>97.970</b>	<b>97.965</b>	<b>97.965</b>	<b>1077.890</b>	<b>97.875</b>	<b>9.000</b>	<b>97.930</b>	<b>12/16/2009</b>	<b>25,163</b>	<b>18,907</b>	<b>DEC</b>
F.QSAH10	97.715	97.720	97.715	97.715	97.755	97.635	10.000	97.635	3/17/2010	22,063	12,411	MAR
F.QSAM10	97.405	97.410	97.410	97.405	97.445	97.325	12.000	97.325	6/16/2010	14,597	14,892	JUN
F.QSAU10	97.110	97.115	97.110	97.115	97.150	97.030	11.000	97.030	9/15/2010	8,236	11,323	SEP
F.QSAZ10	96.825	96.835	96.835	96.835	96.870	96.790	10.000	96.790	12/15/2010	3,901	3,437	DEC
F.QSAH11	96.675	96.690	96.690	96.665	96.730	96.665	8.500	96.670	3/16/2011	2,289	1,225	MAR
F.QSAM11	96.555	96.575	96.555	96.565	96.605	96.560	6.500	96.585	6/15/2011	1,521	386	JUN
F.QSAU11	96.475	96.500	96.475	96.500	96.510	96.500	6.000	96.505	9/21/2011	160	129	SEP
F.QSAZ11	96.405	96.435	96.435	96.420	96.460	96.420	7.000	96.425	12/21/2011	106	1,212	DEC
F.QSAH12	96.335	96.425	96.425	96.420	96.420	96.420	9.000	96.420	3/21/2012	30	30	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	12088	12090	12088	12089	12170	12079	-36	12128	3/27/2009	71,083	46,654	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	0.10750	0.10750	0.12375	0.10750	(0.01625)	0.12375		
USDLIB1M	0.40625	0.40625	0.42063	0.40625	(0.01438)	0.42063		
USDLIB3M	1.39750	1.39750	1.41125	1.39750	(0.01375)	1.41125		
USDLIB6M	1.75000	1.75000	1.77000	1.75000	(0.02000)	1.77000		
USDLIB1Y	1.99500	1.99500	2.04625	1.99500	(0.05125)	2.04625		
<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	1.99625	1.99625	2.02250	1.99625	(0.02625)	2.02250		
GBPLIB3M	2.56875	2.56875	2.61375	2.56875	(0.04500)	2.61375		
GBPLIB6M	2.76625	2.76625	2.81750	2.76625	(0.05125)	2.81750		
GBPLIB1Y	2.89375	2.89375	2.93875	2.89375	(0.04500)	2.93875		
<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	2.1000	2.1000	2.1063	2.1000	(0.0063)	2.1063		
EUIBOR1M	2.4800	2.4800	2.5120	2.4800	(0.0320)	2.5120		
EUIBOR3M	2.7620	2.7620	2.7970	2.7620	(0.0350)	2.7970		
EUIBOR6M	2.8450	2.8450	2.8820	2.8450	(0.0370)	2.8820		
EUIBOR1Y	2.9240	2.9240	2.9590	2.9240	(0.0350)	2.9590		
<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	1.4949	1.4952	1.4952	1.4952	1.4973	1.4802	0.0032	1.4918
GBPEUR	1.0963	1.097	1.097	1.097	1.1082	1.0895	(0.0055)	1.1016
GBPJPY	1.3923	1.3933	1.3933	1.3933	1.4036	1.379	(0.0047)	1.3962
EURGBP	0.9118	0.9121	0.9121	0.9121	0.9179	0.9023	0.0047	0.9072

**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