

## 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.qeaz08	95.780	95.790	95.790	95.785	95.840	95.785	2.000	95.840	11/17/2008	10,372	6,874	NOV
<b>f.qeaz08</b>	<b>96.285</b>	<b>96.290</b>	<b>96.290</b>	<b>96.285</b>	<b>96.330</b>	<b>96.280</b>	<b>(3.000)</b>	<b>96.325</b>	<b>12/15/2008</b>	<b>84,161</b>	<b>44,899</b>	<b>DEC</b>
f.qeaf09	96.350	96.780	96.350	#VALUE!	#VALUE!	#VALUE!	(28.500)	#VALUE!	1/19/2009	0	0	JAN
f.qeag09	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	2/16/2009	0	0	FEB
<b>f.qeah09</b>	<b>96.830</b>	<b>96.835</b>	<b>96.830</b>	<b>96.830</b>	<b>96.900</b>	<b>96.825</b>	<b>(4.000)</b>	<b>96.855</b>	<b>3/16/2009</b>	<b>64,853</b>	<b>36,088</b>	<b>MAR</b>
f.qeaj09	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	4/13/2009	0	0	APR
<b>f.qeam09</b>	<b>97.100</b>	<b>97.105</b>	<b>97.105</b>	<b>97.105</b>	<b>97.145</b>	<b>97.070</b>	<b>1.000</b>	<b>97.115</b>	<b>6/15/2009</b>	<b>76,102</b>	<b>34,746</b>	<b>JUN</b>
<b>f.qeau09</b>	<b>97.160</b>	<b>97.165</b>	<b>97.165</b>	<b>97.160</b>	<b>97.200</b>	<b>97.115</b>	<b>2.500</b>	<b>97.115</b>	<b>9/14/2009</b>	<b>78,670</b>	<b>34,066</b>	<b>SEP</b>
f.qeaz09	96.940	96.945	96.940	96.940	96.980	96.895	2.000	96.895	12/14/2009	59,941	23,632	DEC
f.qeah10	96.850	96.860	96.860	96.855	96.895	96.840	2.000	96.845	3/15/2010	45,785	19,379	MAR
f.qeam10	96.650	96.660	96.660	96.655	96.695	96.640	2.000	96.655	6/14/2010	38,202	15,718	JUN
f.qeau10	96.460	96.465	96.460	96.465	96.505	96.450	1.000	96.450	9/13/2010	27,214	7,560	SEP
f.qeaz10	96.195	96.205	96.205	96.200	96.240	96.190	1.500	96.225	12/13/2010	11,772	2,318	DEC
f.qeah11	96.110	96.125	96.110	96.120	96.155	96.110	(0.500)	96.125	3/14/2011	6,314	3,845	MAR
f.qeam11	96.015	96.025	96.025	96.020	96.055	96.015	1.000	96.020	6/13/2011	3,371	1,096	JUN
f.qeau11	95.940	95.950	95.940	95.945	95.975	95.945	(0.500)	95.975	9/19/2011	3,066	1,308	SEP
f.qeaz11	95.850	95.880	95.850	95.850	#VALUE!	#VALUE!	(1.500)	#VALUE!	12/19/2011	34	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

**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/>

Symbol	Bid	Ask	Last Quote	Last Trade	Hi	Low	Net Chng	Open	Exp Date	Yest. Volume	Today's Volume	Contract Month
F.QSAX08	94.750	95.200	94.750	#VALUE!	#VALUE!	#VALUE!	(30.000)	#VALUE!	11/19/2008	0	0	NOV
<b>F.QSAZ08</b>	<b>95.840</b>	<b>95.845</b>	<b>95.840</b>	<b>95.840</b>	<b>95.895</b>	<b>95.830</b>	<b>1.500</b>	<b>95.840</b>	<b>12/17/2008</b>	<b>53,440</b>	<b>33,839</b>	<b>DEC</b>
F.QSAF09	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	1/21/2009	0	0	JAN
<b>F.QSAH09</b>	<b>96.745</b>	<b>96.750</b>	<b>96.745</b>	<b>96.745</b>	<b>96.820</b>	<b>96.740</b>	<b>(0.500)</b>	<b>96.765</b>	<b>3/18/2009</b>	<b>36,258</b>	<b>30,879</b>	<b>MAR</b>
<b>F.QSAM09</b>	<b>96.895</b>	<b>96.900</b>	<b>96.900</b>	<b>96.900</b>	<b>96.965</b>	<b>96.870</b>	<b>3.500</b>	<b>96.870</b>	<b>6/17/2009</b>	<b>35,339</b>	<b>15,725</b>	<b>JUN</b>
<b>F.QSAU09</b>	<b>96.795</b>	<b>96.800</b>	<b>96.795</b>	<b>96.795</b>	<b>96.855</b>	<b>96.760</b>	<b>5.500</b>	<b>96.785</b>	<b>9/16/2009</b>	<b>32,503</b>	<b>22,680</b>	<b>SEP</b>
F.QSAZ09	96.555	96.560	96.560	96.560	1062.655	96.495	6.500	96.495	12/16/2009	33,305	21,108	DEC
F.QSAH10	96.350	96.355	96.350	96.350	96.395	96.310	6.500	96.325	3/17/2010	17,563	9,641	MAR
F.QSAM10	96.055	96.060	96.055	96.055	96.100	96.025	6.500	96.030	6/16/2010	11,126	5,421	JUN
F.QSAU10	95.755	95.760	95.760	95.760	95.805	95.730	5.500	95.730	9/15/2010	9,566	3,138	SEP
F.QSAZ10	95.475	95.485	95.485	95.485	95.520	95.460	4.500	95.465	12/15/2010	2,076	963	DEC
F.QSAH11	95.330	95.345	95.330	95.335	95.360	95.325	2.500	95.325	3/16/2011	1,002	548	MAR
F.QSAM11	95.225	95.250	95.250	95.235	95.275	95.215	4.000	95.245	6/15/2011	203	634	JUN
F.QSAU11	95.165	95.195	95.195	95.165	95.185	95.165	4.000	95.175	9/21/2011	77	58	SEP
F.QSAZ11	#VALUE!	95.195	95.195	95.150	#VALUE!	#VALUE!	2.500	#VALUE!	12/21/2011	70	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

**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.liffpacksandbundles.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.QGAZ08	11149	11150	11149	11149	11165	11126	-12	11156	12/29/2008	58,519	36,687	DEC
F.QGAH09	11049		11049				-57		3/27/2009	0	0	MAR

## 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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<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	0.37500	0.37500	0.37500	0.37500	(0.01250)	0.37500		
USDLIB1M	2.17750	2.17750	2.35750	2.17750	(0.18000)	2.35750		
USDLIB3M	2.70625	2.70625	2.85875	2.70625	(0.15250)	2.85875		
USDLIB6M	2.96875	2.96875	3.08500	2.96875	(0.11625)	3.08500		
USDLIB1Y	3.10500	3.10500	3.20750	3.10500	(0.10250)	3.20750		
<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	4.53375	4.53375	4.53375	4.53375	0.00875	4.53375		
GBPLIB1M	5.51500	5.51500	5.58000	5.51500	(0.06500)	5.58000		
GBPLIB3M	5.72750	5.72750	5.77625	5.72750	(0.04875)	5.77625		
GBPLIB6M	5.84375	5.84375	5.89125	5.84375	(0.04750)	5.89125		
GBPLIB1Y	5.90125	5.90125	5.95500	5.90125	(0.05375)	5.95500		
<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	3.5000	3.5000	3.5000	3.5000	(0.0375)	3.5000		
EUIBOR1M	4.3680	4.3680	4.4120	4.3680	(0.0440)	4.4120		
EUIBOR3M	4.7000	4.7000	4.7330	4.7000	(0.0330)	4.7330		
EUIBOR6M	4.7540	4.7540	4.7860	4.7540	(0.0320)	4.7860		
EUIBOR1Y	4.8080	4.8080	4.8450	4.8080	(0.0370)	4.8450		
<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	1.5889	1.5892	1.5892	1.5892	1.5908	1.5598	0.0068	1.5819
GBPEUR	1.2417	1.2425	1.2425	1.2425	1.2549	1.239	(0.0092)	1.2509
GBPJPY	1.5822	1.5828	1.5828	1.5828	1.5851	1.5364	0.0142	1.5676
EURGBP	0.8049	0.8052	0.8052	0.8052	0.8073	0.7968	0.0059	0.799

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## Contract Specs

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**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:</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

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