

## 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.qeax08	95.795	95.800	95.795	95.795	95.815	95.780	(3.000)	95.815	11/17/2008	9,822	8,499	NOV
<b>f.qeaz08</b>	<b>96.355</b>	<b>96.360</b>	<b>96.360</b>	<b>96.360</b>	<b>96.430</b>	<b>96.305</b>	<b>(7.000)</b>	<b>96.430</b>	<b>12/15/2008</b>	<b>170,618</b>	<b>98,488</b>	<b>DEC</b>
f.qeaf09	96.680	#VALUE!	96.680	96.840	#VALUE!	#VALUE!	(8.500)	#VALUE!	1/19/2009	4	0	JAN
f.qeag09	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	2/16/2009	0	0	FEB
<b>f.qeah09</b>	<b>97.125</b>	<b>97.130</b>	<b>97.130</b>	<b>97.130</b>	<b>97.155</b>	<b>97.065</b>	<b>(5.000)</b>	<b>97.155</b>	<b>3/16/2009</b>	<b>149,347</b>	<b>69,358</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>97.270</b>	<b>97.275</b>	<b>97.275</b>	<b>97.275</b>	<b>97.280</b>	<b>97.215</b>	<b>(2.500)</b>	<b>97.275</b>	<b>6/15/2009</b>	<b>127,865</b>	<b>62,566</b>	<b>JUN</b>
<b>f.qeau09</b>	<b>97.275</b>	<b>97.280</b>	<b>97.280</b>	<b>97.280</b>	<b>97.295</b>	<b>97.230</b>	<b>(2.500)</b>	<b>97.290</b>	<b>9/14/2009</b>	<b>88,861</b>	<b>30,013</b>	<b>SEP</b>
f.qeaz09	97.045	97.055	97.045	97.050	97.090	97.015	(5.000)	97.060	12/14/2009	84,693	29,984	DEC
f.qeah10	96.995	97.000	96.995	96.995	97.035	96.960	(4.000)	97.015	3/15/2010	69,046	25,078	MAR
f.qeam10	96.830	96.835	96.830	96.830	96.870	96.790	(3.000)	96.840	6/14/2010	69,595	20,820	JUN
f.qeau10	96.665	96.670	96.665	96.665	96.700	96.615	(2.500)	96.670	9/13/2010	34,549	10,963	SEP
f.qeaz10	96.415	96.420	96.415	96.415	96.455	96.360	(2.500)	96.410	12/13/2010	17,562	5,486	DEC
f.qeah11	96.330	96.340	96.340	96.335	96.370	96.280	(2.000)	96.325	3/14/2011	10,572	4,374	MAR
f.qeam11	96.230	96.235	96.230	96.225	96.270	96.180	(3.000)	96.270	6/13/2011	6,783	1,136	JUN
f.qeau11	96.150	96.160	96.160	96.150	96.160	96.100	(2.000)	96.145	9/19/2011	1,494	1,605	SEP
f.qeaz11	96.030	96.095	96.095	96.140	#VALUE!	#VALUE!	0.500	#VALUE!	12/19/2011	200	0	DEC
f.qeah12	95.990	96.135	95.990	#VALUE!	#VALUE!	#VALUE!	(10.000)	#VALUE!	3/19/2012	0	0	MAR
f.qeam12	95.940	96.230	95.940	#VALUE!	#VALUE!	#VALUE!	(11.500)	#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/>

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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.QSAX08	95.500	96.250	96.250	#VALUE!	#VALUE!	#VALUE!	41.000	#VALUE!	11/19/2008	0	0	NOV
<b>F.QSAZ08</b>	<b>96.420</b>	<b>96.425</b>	<b>96.425</b>	<b>96.425</b>	<b>96.505</b>	<b>96.300</b>	<b>(18.000)</b>	<b>96.500</b>	<b>12/17/2008</b>	<b>146,501</b>	<b>54,614</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>97.325</b>	<b>97.330</b>	<b>97.325</b>	<b>97.325</b>	<b>97.405</b>	<b>97.210</b>	<b>(13.000)</b>	<b>97.330</b>	<b>3/18/2009</b>	<b>58,941</b>	<b>36,572</b>	<b>MAR</b>
<b>F.QSAM09</b>	<b>97.425</b>	<b>97.430</b>	<b>97.430</b>	<b>97.430</b>	<b>97.495</b>	<b>97.330</b>	<b>(9.000)</b>	<b>97.420</b>	<b>6/17/2009</b>	<b>60,475</b>	<b>27,856</b>	<b>JUN</b>
<b>F.QSAU09</b>	<b>97.280</b>	<b>97.285</b>	<b>97.285</b>	<b>97.285</b>	<b>97.330</b>	<b>97.205</b>	<b>(6.500)</b>	<b>97.260</b>	<b>9/16/2009</b>	<b>50,435</b>	<b>19,855</b>	<b>SEP</b>
F.QSAZ09	96.990	96.995	96.995	96.995	1067.385	96.925	(6.500)	96.940	12/16/2009	40,348	19,430	DEC
F.QSAH10	96.790	96.800	96.790	96.800	96.830	96.720	(6.000)	96.750	3/17/2010	29,701	13,633	MAR
F.QSAM10	96.495	96.510	96.495	96.510	96.530	96.425	(5.500)	96.450	6/16/2010	15,178	6,123	JUN
F.QSAU10	96.230	96.240	96.240	96.240	96.260	96.175	(4.500)	96.200	9/15/2010	6,998	3,643	SEP
F.QSAZ10	95.985	95.995	95.995	95.975	96.015	95.945	(5.500)	95.980	12/15/2010	1,686	693	DEC
F.QSAH11	95.855	95.870	95.870	95.860	95.880	95.825	(6.000)	95.835	3/16/2011	1,037	175	MAR
F.QSAM11	95.735	95.760	95.735	95.740	95.775	95.730	(8.500)	95.770	6/15/2011	161	37	JUN
F.QSAU11	95.655	95.695	95.655	95.710	#VALUE!	#VALUE!	(8.500)	#VALUE!	9/21/2011	216	0	SEP
F.QSAZ11	95.530	95.675	95.675	#VALUE!	#VALUE!	#VALUE!	(3.000)	#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

**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	11470	11471	11471	11471	11474	11430	-16	11466	12/29/2008	65,311	26,806	DEC
F.QGAH09	11373	11381	11381	11386			-10		3/27/2009	100	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	0.40000	0.40000	0.40000	0.40000	0.00000	0.40000		
USDLIB1M	1.42250	1.42250	1.42250	1.42250	0.00000	1.42250		
USDLIB3M	2.14875	2.14875	2.14875	2.14875	0.00000	2.14875		
USDLIB6M	2.59500	2.59500	2.59500	2.59500	0.00000	2.59500		
USDLIB1Y	2.75125	2.75125	2.75125	2.75125	0.00000	2.75125		
<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	3.00000	3.00000	3.00000	3.00000	0.00000	3.00000		
GBPLIB1M	3.72375	3.72375	3.72375	3.72375	0.00000	3.72375		
GBPLIB3M	4.20250	4.20250	4.20250	4.20250	0.00000	4.20250		
GBPLIB6M	4.31125	4.31125	4.31125	4.31125	0.00000	4.31125		
GBPLIB1Y	4.35500	4.35500	4.35500	4.35500	0.00000	4.35500		
<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	3.0788	3.0788	3.0788	3.0788	0.0000	3.0788		
EUIBOR1M	3.8280	3.8280	3.8690	3.8280	(0.0410)	3.8690		
EUIBOR3M	4.2230	4.2230	4.2450	4.2230	(0.0220)	4.2450		
EUIBOR6M	4.2920	4.2920	4.3090	4.2920	(0.0170)	4.3090		
EUIBOR1Y	4.3550	4.3550	4.3700	4.3550	(0.0150)	4.3700		
<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	1.4811	1.4815	1.4815	1.4815	1.4935	1.476	(0.0030)	1.4838
GBPEUR	1.1664	1.1672	1.1672	1.1672	1.1738	1.1588	0.0045	1.1619
GBPJPY	1.4357	1.4364	1.4364	1.4364	1.4641	1.4313	(0.0138)	1.4493
EURGBP	0.8570	0.8573	0.8573	0.8573	0.8633	0.8521	(0.0035)	0.8601

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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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