

## 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.qeaz08	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	
<b>f.qeaz08</b>	<b>96.525</b>	<b>96.530</b>	<b>96.530</b>	<b>96.530</b>	<b>96.530</b>	<b>96.475</b>	<b>5.500</b>	<b>96.475</b>	<b>12/15/2008</b>	<b>80,231</b>	<b>33,788</b>	<b>DEC</b>
f.qeaf09	96.885	96.990	96.990	#VALUE!	#VALUE!	#VALUE!	11.000	#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>97.330</b>	<b>97.335</b>	<b>97.335</b>	<b>97.335</b>	<b>97.345</b>	<b>97.275</b>	<b>5.500</b>	<b>97.290</b>	<b>3/16/2009</b>	<b>71,600</b>	<b>40,679</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>97.470</b>	<b>97.475</b>	<b>97.475</b>	<b>97.475</b>	<b>97.485</b>	<b>97.425</b>	<b>3.000</b>	<b>97.450</b>	<b>6/15/2009</b>	<b>79,503</b>	<b>36,337</b>	<b>JUN</b>
<b>f.qeau09</b>	<b>97.430</b>	<b>97.435</b>	<b>97.435</b>	<b>97.435</b>	<b>97.445</b>	<b>97.385</b>	<b>2.000</b>	<b>97.425</b>	<b>9/14/2009</b>	<b>62,675</b>	<b>31,830</b>	<b>SEP</b>
f.qeaz09	97.180	97.185	97.185	97.185	97.195	97.125	1.000	97.190	12/14/2009	42,958	31,843	DEC
f.qeah10	97.120	97.125	97.125	97.125	97.130	97.060	1.000	97.125	3/15/2010	32,082	24,531	MAR
f.qeam10	96.950	96.955	96.950	96.950	96.960	96.885	0.500	96.955	6/14/2010	23,527	15,005	JUN
f.qeau10	96.775	96.780	96.780	96.780	96.795	96.715	0.500	96.770	9/13/2010	15,510	9,497	SEP
f.qeaz10	96.525	96.530	96.530	96.530	96.545	96.450	1.000	96.520	12/13/2010	11,196	5,441	DEC
f.qeah11	96.440	96.445	96.445	96.450	96.460	96.370	1.500	96.425	3/14/2011	5,841	2,054	MAR
f.qeam11	96.325	96.335	96.325	96.330	96.330	96.260	1.000	96.330	6/13/2011	2,365	1,774	JUN
f.qeau11	96.235	96.250	96.235	96.245	96.245	96.180	0.500	96.195	9/19/2011	4,490	843	SEP
f.qeaz11	96.080	96.150	96.080	96.110	96.110	96.110	(5.500)	96.110	12/19/2011	8	3	DEC
f.qeah12	96.040	96.140	96.140	96.060	#VALUE!	#VALUE!	4.500	#VALUE!	3/19/2012	2	0	MAR
f.qeam12	95.920	96.120	96.120	96.000	96.000	96.000	10.500	96.000	6/18/2012	0	2	JUN
f.qeau12	95.780	96.080	96.080	#VALUE!	#VALUE!	#VALUE!	14.500	#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/>

Jim Goulding, [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.QSAX08	95.900	95.915	95.915	#VALUE!	#VALUE!	#VALUE!	10.500	#VALUE!	11/19/2008	0	0	NOV
<b>F.QSAZ08</b>	<b>96.620</b>	<b>96.625</b>	<b>96.625</b>	<b>96.625</b>	<b>96.675</b>	<b>96.590</b>	<b>5.500</b>	<b>96.605</b>	<b>12/17/2008</b>	<b>45,141</b>	<b>26,713</b>	<b>DEC</b>
F.QSAF09	#VALUE!	97.025	97.025	#VALUE!	#VALUE!	#VALUE!	58.500	#VALUE!	1/21/2009	0	0	JAN
<b>F.QSAH09</b>	<b>97.425</b>	<b>97.430</b>	<b>97.430</b>	<b>97.430</b>	<b>97.500</b>	<b>97.415</b>	<b>4.000</b>	<b>97.425</b>	<b>3/18/2009</b>	<b>47,563</b>	<b>18,899</b>	<b>MAR</b>
<b>F.QSAM09</b>	<b>97.545</b>	<b>97.550</b>	<b>97.550</b>	<b>97.550</b>	<b>97.625</b>	<b>97.535</b>	<b>5.500</b>	<b>97.540</b>	<b>6/17/2009</b>	<b>47,713</b>	<b>27,614</b>	<b>JUN</b>
<b>F.QSAU09</b>	<b>97.430</b>	<b>97.435</b>	<b>97.435</b>	<b>97.435</b>	<b>97.495</b>	<b>97.415</b>	<b>5.000</b>	<b>97.415</b>	<b>9/16/2009</b>	<b>33,615</b>	<b>14,523</b>	<b>SEP</b>
F.QSAZ09	97.135	97.145	97.145	97.140	1069.200	97.090	4.000	97.090	12/16/2009	28,660	27,696	DEC
F.QSAH10	96.930	96.935	96.935	96.935	96.995	96.920	2.500	96.940	3/17/2010	16,049	11,242	MAR
F.QSAM10	96.630	96.640	96.640	96.640	96.635	96.705	2.500	96.650	6/16/2010	12,813	4,707	JUN
F.QSAU10	96.360	96.365	96.360	96.365	96.425	96.345	2.000	96.380	9/15/2010	7,962	5,253	SEP
F.QSAZ10	96.105	96.115	96.105	96.100	96.150	96.095	1.500	96.130	12/15/2010	2,644	1,317	DEC
F.QSAH11	95.975	95.985	95.975	95.960	96.030	95.960	0.500	96.010	3/16/2011	2,524	1,834	MAR
F.QSAM11	95.855	95.875	95.855	95.860	95.905	95.855	(0.500)	95.905	6/15/2011	1,341	563	JUN
F.QSAU11	95.765	95.800	95.765	95.770	95.790	95.770	(1.000)	95.785	9/21/2011	343	362	SEP
F.QSAZ11	95.665	95.775	95.665	#VALUE!	#VALUE!	#VALUE!	(7.500)	#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.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	11547	11548	11548	11548	11554	11510	43	11530	12/29/2008	69,384	30,740	DEC
F.QGAH09	11454	11456	11456	11460	11460	11430	42	11430	3/27/2009	8,399	4	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	0.43750	0.43750	0.43750	0.40000	0.03750	0.40000		
USDLIB1M	1.41375	1.41375	1.45250	1.41375	(0.03875)	1.45250		
USDLIB3M	2.17250	2.17250	2.21750	2.17250	(0.04500)	2.21750		
USDLIB6M	2.58375	2.58375	2.63125	2.58375	(0.04750)	2.63125		
USDLIB1Y	2.75500	2.75500	2.79500	2.75500	(0.04000)	2.79500		
<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	3.51375	3.51375	3.56625	3.51375	(0.05250)	3.56625		
GBPLIB3M	4.09750	4.09750	4.11875	4.09750	(0.02125)	4.11875		
GBPLIB6M	4.19625	4.19625	4.23375	4.19625	(0.03750)	4.23375		
GBPLIB1Y	4.25375	4.25375	4.28625	4.25375	(0.03250)	4.28625		
<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	2.9338	2.9338	2.9763	2.9338	(0.0425)	2.9763		
EUIBOR1M	3.6780	3.6780	3.7220	3.6780	(0.0440)	3.7220		
EUIBOR3M	4.1200	4.1200	4.1530	4.1200	(0.0330)	4.1530		
EUIBOR6M	4.1700	4.1700	4.2140	4.1700	(0.0440)	4.2140		
EUIBOR1Y	4.2190	4.2190	4.2710	4.2190	(0.0520)	4.2710		
<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	1.5053	1.5054	1.5054	1.5054	1.5097	1.49	0.0093	1.4958
GBPEUR	1.1917	1.1927	1.1927	1.1927	1.1958	1.1811	0.0069	1.1849
GBPJPY	1.4561	1.4568	1.4568	1.4568	1.4637	1.4379	0.0049	1.4509
EURGBP	0.8386	0.8388	0.8388	0.8388	0.8469	0.8365	(0.0050)	0.8435

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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

Jim Goulding, [jgoulding@ghco.com](mailto:jgoulding@ghco.com)

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