

## 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.qeau08	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
f.qeav08	94.905	94.910	94.910	94.905	94.920	94.900	1.000	94.920	10/13/2008	45,593	8,517	OCT
f.qeav08	94.900	94.940	94.900	94.940	94.940	94.940	(3.500)	94.940	11/17/2008	0	200	NOV
<b>f.qeaz08</b>	<b>94.935</b>	<b>94.940</b>	<b>94.935</b>	<b>94.935</b>	<b>94.985</b>	<b>94.910</b>	<b>(2.000)</b>	<b>94.955</b>	<b>12/15/2008</b>	<b>299,704</b>	<b>98,492</b>	<b>DEC</b>
f.qeaf09	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	1/19/2009	0	0	JAN
<b>f.qeah09</b>	<b>95.280</b>	<b>95.285</b>	<b>95.280</b>	<b>95.280</b>	<b>95.350</b>	<b>95.250</b>	<b>(3.000)</b>	<b>95.305</b>	<b>3/16/2009</b>	<b>236,265</b>	<b>82,222</b>	<b>MAR</b>
<b>f.qeam09</b>	<b>95.485</b>	<b>95.495</b>	<b>95.495</b>	<b>95.490</b>	<b>95.580</b>	<b>95.445</b>	<b>(3.500)</b>	<b>95.530</b>	<b>6/15/2009</b>	<b>229,956</b>	<b>86,264</b>	<b>JUN</b>
f.qeau09	95.665	95.675	95.675	95.670	95.785	95.625	(6.000)	95.685	9/14/2009	196,517	77,113	SEP
f.qeaz09	95.625	95.630	95.630	95.630	95.745	95.610	(9.000)	95.645	12/14/2009	181,313	72,479	DEC
f.qeah10	95.770	95.775	95.775	95.775	95.880	95.760	(7.000)	95.835	3/15/2010	119,403	50,870	MAR
f.qeam10	95.730	95.735	95.735	95.735	95.845	95.725	(7.500)	95.780	6/14/2010	70,839	36,538	JUN
f.qeau10	95.670	95.675	95.670	95.670	95.785	95.655	(7.000)	95.745	9/13/2010	39,401	18,003	SEP
f.qeaz10	95.535	95.540	95.535	95.535	95.655	95.505	(6.500)	95.600	12/13/2010	12,510	7,465	DEC
f.qeah11	95.530	95.535	95.525	95.525	95.645	95.510	(6.000)	95.590	3/14/2011	12,767	3,613	MAR
f.qeam11	95.485	95.490	95.485	95.480	95.585	95.480	(3.000)	95.530	6/13/2011	6,995	1,346	JUN
f.qeau11	95.450	95.465	95.450	95.450	95.525	95.450	(2.500)	95.490	9/19/2011	2,074	147	SEP
f.qeaz11	95.375	95.455	95.455	95.515	#VALUE!	#VALUE!	1.000	#VALUE!	12/19/2011	123	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
f.qeaz12	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	12/17/2012	0	0	DEC
f.qeah13	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	3/18/2013	0	0	MAR
f.qeaM13	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	6/17/2013	0	0	JUN

**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
<b>F.QSAU08</b>	<b>94.120</b>	<b>94.125</b>	<b>94.125</b>	<b>94.125</b>	<b>94.190</b>	<b>94.090</b>	<b>(7.500)</b>	<b>94.165</b>	<b>9/17/2008</b>	<b>121,500</b>	<b>35,334</b>	<b>SEP</b>
F.QSAV08	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	10/15/2008	0	0	OCT
F.QSAX08	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	11/19/2008	0	0	NOV
<b>F.QSAZ08</b>	<b>94.275</b>	<b>94.280</b>	<b>94.275</b>	<b>94.275</b>	<b>94.365</b>	<b>94.230</b>	<b>(11.500)</b>	<b>94.320</b>	<b>12/17/2008</b>	<b>105,182</b>	<b>61,765</b>	<b>DEC</b>
<b>F.QSAH09</b>	<b>94.935</b>	<b>94.940</b>	<b>94.940</b>	<b>94.940</b>	<b>95.070</b>	<b>94.935</b>	<b>(11.000)</b>	<b>94.980</b>	<b>3/18/2009</b>	<b>119,090</b>	<b>53,964</b>	<b>MAR</b>
<b>F.QSAM09</b>	<b>95.140</b>	<b>95.145</b>	<b>95.140</b>	<b>95.140</b>	<b>95.275</b>	<b>95.130</b>	<b>(11.500)</b>	<b>95.210</b>	<b>6/17/2009</b>	<b>100,164</b>	<b>36,806</b>	<b>JUN</b>
F.QSAU09	95.240	95.245	95.240	95.240	95.370	95.220	(11.500)	95.305	9/16/2009	113,678	47,782	SEP
F.QSAZ09	95.085	95.090	95.085	95.085	1047.310	95.060	(12.500)	95.185	12/16/2009	91,166	31,191	DEC
F.QSAH10	95.110	95.120	95.110	95.115	95.220	95.090	(10.500)	95.185	3/17/2010	53,055	14,724	MAR
F.QSAM10	95.005	95.010	95.005	95.005	95.085	94.970	(9.500)	95.065	6/16/2010	13,406	1,949	JUN
F.QSAU10	94.920	94.925	94.920	94.925	95.000	94.885	(8.500)	94.950	9/15/2010	2,570	400	SEP
F.QSAZ10	94.785	94.815	94.785	94.820	94.875	94.800	(11.500)	94.825	12/15/2010	426	69	DEC
F.QSAH11	94.800	94.845	94.845	94.820	94.870	94.820	(7.500)	94.870	3/16/2011	1,298	40	MAR
F.QSAM11	94.775	94.830	94.830	94.880	#VALUE!	#VALUE!	(7.000)	#VALUE!	6/15/2011	806	0	JUN
F.QSAU11	94.685	94.845	94.685	94.880	#VALUE!	#VALUE!	(21.500)	#VALUE!	9/21/2011	30	0	SEP
F.QSAZ11	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#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
F.QSAZ12	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	12/19/2012	0	0	DEC
F.QSAH13	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	3/20/2013	0	0	MAR
F.QSAM13	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	6/19/2013	0	0	JUN

**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**

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.QGAU08	10993	11003	11003	10996	11017	10985	-6	10993	9/26/2008	107	640	SEP
F.QGAZ09	11229	11230	11229	11229	11263	11199	-15	11225	12/29/2008	146,650	49,210	DEC

## 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

<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	5.03125	5.03125	6.43750	5.03125	(1.40625)	6.43750		
USDLIB1M	3.03000	3.03000	3.03000	2.74750	0.28250	2.74750		
USDLIB3M	3.06250	3.06250	3.06250	2.87625	0.18625	2.87625		
USDLIB6M	3.25250	3.25250	3.25250	3.01625	0.23625	3.01625		
USDLIB1Y	3.22500	3.22500	3.22500	2.95250	0.27250	2.95250		
<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	5.29375	5.29375	6.79375	5.29375	(1.50000)	6.79375		
GBPLIB1M	5.58500	5.58500	5.58500	5.50125	0.08375	5.50125		
GBPLIB3M	5.87125	5.87125	5.87125	5.79125	0.08000	5.79125		
GBPLIB6M	6.02000	6.02000	6.02000	5.89000	0.13000	5.89000		
GBPLIB1Y	6.09063	6.09063	6.09063	5.98625	0.10438	5.98625		
<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	4.4250	4.4250	4.4250	4.4175	0.0075	4.4175		
EUIBOR1M	4.5390	4.5390	4.5390	4.5330	0.0060	4.5330		
EUIBOR3M	4.9730	4.9730	4.9730	4.9690	0.0040	4.9690		
EUIBOR6M	5.2020	5.2020	5.2020	5.1920	0.0100	5.1920		
EUIBOR1Y	5.3630	5.3630	5.3630	5.3400	0.0230	5.3400		
<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	1.785	1.7853	1.785	1.785	1.7986	1.7782	0.0012	1.7825
GBPEUR	1.2578	1.2586	1.2586	1.2586	1.2642	1.252	(0.0038)	1.2617
GBPJPY	1.8892	1.8901	1.8901	1.8901	1.9096	1.8724	0.0056	1.884
EURGBP	0.7947	0.7953	0.7953	0.7953	0.799	0.7907	0.0028	0.7922

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