

## 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.qeah08	95.450	95.455	95.455	95.450	95.535	95.440	(6.500)	95.520	3/17/2008	211,469	147,947	MAR
f.qeak08	#VALUE!	#VALUE!	95.545	95.540	95.580	95.540	(0.040)	95.580	4/14/2008	3,417	4,053	APR
f.qeaj08	95.535	95.545	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	5/19/2008	0	0	MAY
f.qeam08	95.720	95.725	95.725	95.720	95.755	95.690	0.500	95.730	6/16/2008	335,907	155,913	JUN
f.qeau08	96.095	96.100	96.095	96.100	96.140	96.055	2.500	96.075	9/15/2008	272,491	150,334	SEP
f.qeaz08	96.335	96.340	96.335	96.340	96.390	96.295	1.000	96.330	12/15/2008	243,342	118,473	DEC
f.qeah09	96.530	96.535	96.530	96.530	96.595	96.490	1.500	96.515	3/16/2009	195,142	107,966	MAR
f.qeam09	96.615	96.620	96.620	96.620	96.685	96.580	2.500	96.605	6/15/2009	130,880	79,944	JUN
f.qeau09	96.605	96.610	96.605	96.610	96.680	96.575	1.500	96.605	9/14/2009	86,423	44,111	SEP
f.qeaz09	96.515	96.525	96.515	96.520	96.595	96.490	1.000	96.520	12/14/2009	93,528	34,927	DEC
f.qeah10	96.435	96.440	96.440	96.440	96.515	96.425	1.000	96.455	3/15/2010	34,461	19,774	MAR
f.qeam10	96.335	96.345	96.345	96.345	96.430	96.340	0.500	96.355	6/14/2010	18,042	7,653	JUN
f.qeau10	96.250	96.260	96.260	96.260	96.335	96.255	(0.500)	96.285	9/13/2010	8,740	1,937	SEP
f.qeaz10	96.165	96.180	96.180	96.180	96.260	96.170	(1.000)	96.230	12/13/2010	4,741	1,104	DEC
f.qeah11	96.150	96.145	96.145	96.120	96.190	96.120	0.000	96.190	3/14/2011	691	161	MAR
f.qeam11	95.800	96.130	96.130	96.115	96.115	96.115	3.500	96.115	6/13/2011	9	2	JUN
f.qeau11	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	9/19/2011	0	0	SEP
f.qeaz11	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	12/19/2011	0	0	DEC
f.qeah12	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	3/19/2012	500	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	1,000	0	SEP
f.qeaz12	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	12/17/2012	0	0	DEC

Pack and Bundle quotes are free & live via: <http://www.liffepacksandbundles.com/>

**The trading hours of the EURIBOR Futures Contract are:**

London: 01:00 to 21:00 Hrs	Singapore: 08:00 to 04:00 Hrs	Chicago: 19:00 to 15:00 Hrs
Paris: 02:00 to 22:00 Hrs	Hong Kong: 08:00 to 04:00 Hrs	New York: 20:00 to 16:00 Hrs
Frankfurt: 02:00 to 22:00 Hrs	Tokyo: 09:00 to 05:00 Hrs	
	Sydney: 10:00 to 06:00 Hrs	

**Notes:**

Contracts that make up the white pack have bolded symbols. The non-bolded 'white' contracts are serial contracts.

Symbol	Bid	Ask	Last Quote	Last Trade	Hi	Low	Net Chng	Open	Exp Date	Yest.Volume	Today's Volume	Contract Month
<b>F.QSAH08</b>	<b>94.240</b>	<b>94.250</b>	<b>94.250</b>	<b>94.240</b>	<b>94.290</b>	<b>94.230</b>	<b>(2.000)</b>	<b>94.280</b>	<b>3/19/2008</b>	<b>86,461</b>	<b>50,538</b>	<b>MAR</b>
F.QSAJ08	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	4/16/2008	0	0	APR
F.QSAK08	#VALUE!	#VALUE!	#NAME?	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	5/21/2008	0	0	MAY
<b>F.QSAM08</b>	<b>94.600</b>	<b>94.610</b>	<b>94.600</b>	<b>94.610</b>	<b>94.630</b>	<b>94.570</b>	<b>0.000</b>	<b>94.620</b>	<b>6/18/2008</b>	<b>75,628</b>	<b>35,746</b>	<b>JUN</b>
<b>F.QSAU08</b>	<b>94.950</b>	<b>94.960</b>	<b>94.950</b>	<b>94.960</b>	<b>95.000</b>	<b>94.930</b>	<b>1.000</b>	<b>94.980</b>	<b>9/17/2008</b>	<b>80,741</b>	<b>39,429</b>	<b>SEP</b>
<b>F.QSAZ08</b>	<b>95.270</b>	<b>95.280</b>	<b>95.280</b>	<b>95.280</b>	<b>95.330</b>	<b>95.250</b>	<b>2.000</b>	<b>95.300</b>	<b>12/17/2008</b>	<b>95,991</b>	<b>43,687</b>	<b>DEC</b>
F.QSAH09	95.490	95.510	95.490	95.500	95.570	95.490	(1.000)	95.540	3/18/2009	55,785	35,179	MAR
F.QSAM09	95.580	95.590	95.580	95.590	95.670	95.570	(1.000)	95.630	6/17/2009	41,018	30,382	JUN
F.QSAU09	95.540	95.550	95.540	95.550	95.630	95.530	(3.000)	95.610	9/16/2009	26,019	26,551	SEP
F.QSAZ09	95.420	95.430	95.420	95.430	1050.610	95.420	(4.000)	95.510	12/16/2009	20,634	9,770	DEC
F.QSAH10	95.300	95.310	95.310	95.310	95.400	95.300	(4.000)	95.400	3/17/2010	8,420	2,273	MAR
F.QSAM10	95.180	95.190	95.190	95.260	95.270	95.250	(5.000)	95.250	6/16/2010	2,481	1,341	JUN
F.QSAU10	95.080	95.090	95.090	95.090	95.180	95.090	(5.000)	95.150	9/15/2010	2,826	779	SEP
F.QSAZ10	95.000	95.010	95.010	95.010	95.100	95.000	(6.000)	95.100	12/15/2010	366	272	DEC
F.QSAH11	94.940	94.970	94.970	#VALUE!	#VALUE!	#VALUE!	(5.000)	#VALUE!	3/16/2011	0	0	MAR
F.QSAM11	94.860	#VALUE!	94.860	#VALUE!	#VALUE!	#VALUE!	(12.000)	#VALUE!	6/15/2011	0	0	JUN
F.QSAU11	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	9/21/2011	0	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

**The following applies to the EURIBOR and SHORT STERLING:**

White pack = first, 4 quarterly contracts (the bolded one, 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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**Notes:**

Contracts that make up the white pack have bolded.symbols. The non-bolded 'white' contracts are serial contracts.

Symbol	Bid	Ask	Last Quote	Last Trade	Hi	Low	Net Chng	Open	Exp Date	Yest.Volume	Today's Volume	Contract Month
F.QGAH08	11160	11162	11160	11185	11208	11139	33	11139	3/27/2008	6,358	2,068	MAR
F.QGAM08	11147	11148	11147	11147	11203	11121	34	11121	6/26/2008	108,394	55,094	JUN

## 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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USD LIBOR								
	Bid	Ask	Last Quote	Last Trade	Hi	Low	Net Chng	Open
USDLIBON			3.09375	3.09375	3.11563	3.09375	(0.02188)	3.11563
USDLIB1M			3.00000	3.00000	3.05813	3.00000	(0.05813)	3.05813
USDLIB3M			2.93875	2.93875	2.99000	2.93875	(0.05125)	2.99000
USDLIB6M			2.78438	2.78438	2.89250	2.78438	(0.10812)	2.89250
USDLIB1Y			2.57500	2.57500	2.68625	2.57500	(0.11125)	2.68625
GBP LIBOR								
	Bid	Ask	Last Quote	Last Trade	Hi	Low	Net Chng	Open
GBPLIBON			5.31500	5.31500	5.31500	5.31000	0.00500	5.31000
GBPLIB1M			5.62500	5.62500	5.62500	5.62125	0.00375	5.62125
GBPLIB3M			5.77750	5.77750	5.77750	5.77000	0.00750	5.77000
GBPLIB6M			5.75125	5.75125	5.75125	5.74375	0.00750	5.74375
GBPLIB1Y			5.60000	5.60000	5.60000	5.60000	0.00000	5.60000
GBP DEPOSITS								
	Bid	Ask	Last Quote	Last Trade	Hi	Low	Net Chng	Open
GBPDEP1M	5.410	5.710	5.710	5.710	5.710	5.410	0.000	5.410
GBPDEP3M	5.580	5.880	5.880	5.880	5.880	5.350	0.110	5.670
GBPDEP6M	5.560	5.860	5.860	5.860	5.860	5.210	0.110	5.650
GBPDEP1Y	5.140	5.600	5.600	5.600	5.710	5.140	(0.010)	5.510
EURIBOR DEPOSITS								
	Bid	Ask	Last Quote	Last Trade	Hi	Low	Net Chng	Open
EURLIBON			4.0313	4.0313	4.0313	4.0263	0.0050	4.0263
EUIBOR1M			4.2630	4.2630	4.2630	4.2120	0.0510	4.2120
EUIBOR3M			4.4970	4.4970	4.4970	4.4290	0.0680	4.4290
EUIBOR6M			4.4940	4.4940	4.4940	4.4370	0.0570	4.4370
EUIBOR1Y			4.4910	4.4910	4.4910	4.4350	0.0560	4.4350
CURRENCIES								
	Bid	Ask	Last Quote	Last Trade	Hi	Low	Net Chng	Open
GBPUSD	2.0136	2.0138	2.0138	2.0138	2.0164	2.0078	0.0044	2.0092
GBPEUR	1.3063	1.3071	1.3071	1.3071	1.3097	1.3052	0.0003	1.3059
GBPJPY	2.0518	2.0528	2.0528	2.0528	2.07	2.0498	(0.0104)	2.0625
EURGBP	0.7652	0.7654	0.7654	0.7654	0.7664	0.7636	(0.0002)	0.7653

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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
<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, December, and four serial months, such that 25 delivery months are available for trading, with the nearest six delivery months being consecutive calendar months
<b>Quotation</b>	100.00 minus rate of interest
<b>Minimum price movement</b>	0.005 (€12.50)
<b>Last trading day</b>	10.00 - Two business days prior to the third Wednesday of the delivery month
<b>Delivery day</b>	First business day after the Last Trading Day
<b>Trading hours</b>	01:00 – 21:00 [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 the best price subject to a
<b>Contract Standard:</b>	Cash settlement based on the Exchange Delivery Settlement Price.

**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