

## 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	94.820	94.825	94.820	94.820	94.850	94.770	(1.000)	94.800	10/13/2008	20,622	8,418	OCT
f.qeav08	#VALUE!	94.900	94.900	94.900	#VALUE!	#VALUE!	0.000	#VALUE!	11/17/2008	225	0	NOV
<b>f.qeaz08</b>	<b>94.860</b>	<b>94.865</b>	<b>94.865</b>	<b>94.865</b>	<b>94.890</b>	<b>94.770</b>	<b>(3.500)</b>	<b>94.860</b>	<b>12/15/2008</b>	<b>295,610</b>	<b>167,314</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>95.245</b>	<b>95.250</b>	<b>95.250</b>	<b>95.250</b>	<b>95.305</b>	<b>95.165</b>	<b>(2.000)</b>	<b>95.285</b>	<b>3/16/2009</b>	<b>216,977</b>	<b>105,339</b>	<b>MAR</b>
<b>f.qeam09</b>	<b>95.490</b>	<b>95.495</b>	<b>95.490</b>	<b>95.490</b>	<b>95.575</b>	<b>95.440</b>	<b>(4.500)</b>	<b>95.545</b>	<b>6/15/2009</b>	<b>206,155</b>	<b>84,504</b>	<b>JUN</b>
f.qeau09	95.740	95.745	95.745	95.745	95.840	95.680	(5.000)	95.805	9/14/2009	184,766	64,067	SEP
f.qeaz09	95.685	95.695	95.695	95.690	95.755	95.625	(5.000)	95.745	12/14/2009	150,158	52,340	DEC
f.qeah10	95.830	95.840	95.840	95.840	95.905	95.780	(4.000)	95.875	3/15/2010	109,240	39,208	MAR
f.qeam10	95.765	95.775	95.765	95.775	95.860	95.730	(5.000)	95.765	6/14/2010	81,235	29,137	JUN
f.qeau10	95.675	95.680	95.680	95.680	95.775	95.655	(3.000)	95.660	9/13/2010	37,239	15,473	SEP
f.qeaz10	95.500	95.505	95.505	95.505	95.600	95.460	(1.500)	95.490	12/13/2010	15,305	5,422	DEC
f.qeah11	95.510	95.515	95.515	95.515	95.590	95.480	0.000	95.480	3/14/2011	8,456	1,798	MAR
f.qeam11	95.455	95.460	95.460	95.460	95.555	95.445	(1.500)	95.445	6/13/2011	4,844	1,514	JUN
f.qeau11	95.435	95.440	95.440	95.435	95.505	95.430	(2.000)	95.435	9/19/2011	2,376	975	SEP
f.qeaz11	95.335	95.405	95.405	95.410	#VALUE!	#VALUE!	(1.500)	#VALUE!	12/19/2011	26	0	DEC
f.qeah12	95.235	95.455	95.455	95.420	#VALUE!	#VALUE!	1.000	#VALUE!	3/19/2012	10	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>#VALUE!</b>	<b>#VALUE!</b>	<b>#VALUE!</b>	<b>#VALUE!</b>	<b>#VALUE!</b>	<b>#VALUE!</b>	<b>#VALUE!</b>	<b>#VALUE!</b>	<b>#VALUE!</b>	<b>#VALUE!</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>94.125</b>	<b>94.130</b>	<b>94.130</b>	<b>94.130</b>	<b>94.315</b>	<b>93.930</b>	<b>4.000</b>	<b>94.010</b>	<b>12/17/2008</b>	<b>195,432</b>	<b>84,387</b>	<b>DEC</b>
<b>F.QSAH09</b>	<b>94.810</b>	<b>94.815</b>	<b>94.815</b>	<b>94.820</b>	<b>95.005</b>	<b>94.620</b>	<b>1.000</b>	<b>94.750</b>	<b>3/18/2009</b>	<b>138,883</b>	<b>45,537</b>	<b>MAR</b>
<b>F.QSAM09</b>	<b>95.070</b>	<b>95.075</b>	<b>95.075</b>	<b>95.075</b>	<b>95.270</b>	<b>94.880</b>	<b>0.000</b>	<b>95.025</b>	<b>6/17/2009</b>	<b>100,250</b>	<b>34,666</b>	<b>JUN</b>
F.QSAU09	95.225	95.230	95.230	95.230	95.435	95.040	(1.000)	95.210	9/16/2009	122,170	39,193	SEP
F.QSAZ09	95.030	95.040	95.030	95.035	1047.640	94.900	(4.000)	95.045	12/16/2009	74,043	22,085	DEC
F.QSAH10	95.055	95.065	95.055	95.060	95.250	94.910	(3.000)	95.080	3/17/2010	40,216	13,680	MAR
F.QSAM10	94.945	94.955	94.945	94.945	95.110	94.815	(3.500)	94.815	6/16/2010	13,074	3,336	JUN
F.QSAU10	94.860	94.875	94.865	94.865	95.030	94.725	(2.000)	94.760	9/15/2010	3,983	551	SEP
F.QSAZ10	94.720	94.740	94.740	94.735	94.875	94.720	(3.000)	94.775	12/15/2010	261	355	DEC
F.QSAH11	94.735	94.765	94.765	94.755	94.895	94.705	(2.000)	94.705	3/16/2011	292	115	MAR
F.QSAM11	94.710	94.760	94.760	94.790	#VALUE!	#VALUE!	(0.500)	#VALUE!	6/15/2011	20	0	JUN
F.QSAU11	94.680	94.780	94.780	94.690	94.690	94.690	2.000	94.690	9/21/2011	25	15	SEP
F.QSAZ11	#VALUE!	94.730	94.730	#VALUE!	#VALUE!	#VALUE!	(4.000)	#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
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	11010	11016	11016	11010	11049	11010	-8	11049	9/26/2008	648	272	SEP
F.QGAZ09	11242	11243	11242	11242	11288	11212	-21	11247	12/29/2008	130,729	44,586	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	3.84375	3.84375	3.84375	3.84375	(1.18750)	3.84375		
USDLIB1M	3.18750	3.18750	3.18750	3.18750	0.15750	3.18750		
USDLIB3M	3.20375	3.20375	3.20375	3.20375	0.14125	3.20375		
USDLIB6M	3.38500	3.38500	3.38500	3.38500	0.13250	3.38500		
USDLIB1Y	3.35125	3.35125	3.35125	3.35125	0.12625	3.35125		
<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	5.17500	5.17500	5.17500	5.17500	(0.11875)	5.17500		
GBPLIB1M	5.77000	5.77000	5.77000	5.77000	0.18500	5.77000		
GBPLIB3M	5.97750	5.97750	5.97750	5.97750	0.10625	5.97750		
GBPLIB6M	6.12125	6.12125	6.12125	6.12125	0.10125	6.12125		
GBPLIB1Y	6.22500	6.22500	6.22500	6.22500	0.13437	6.22500		
<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	4.3488	4.3488	4.4250	4.3488	(0.0762)	4.4250		
EUIBOR1M	4.5830	4.5830	4.5830	4.5390	0.0440	4.5390		
EUIBOR3M	4.9910	4.9910	4.9910	4.9730	0.0180	4.9730		
EUIBOR6M	5.2230	5.2230	5.2230	5.2020	0.0210	5.2020		
EUIBOR1Y	5.3860	5.3860	5.3860	5.3630	0.0230	5.3630		
<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	1.8228	1.8233	1.8233	1.8233	1.8278	1.8087	0.0055	1.8173
GBPEUR	1.2583	1.2591	1.2591	1.2591	1.2718	1.2554	(0.0098)	1.2682
GBPJPY	1.9085	1.9092	1.9092	1.9092	1.9188	1.8877	0.0068	1.9016
EURGBP	0.7943	0.7951	0.7951	0.7951	0.7969	0.7862	0.0067	0.7881

**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