

## The Morning Email: STIRS

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Want something added? Let me know: [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.qeaz08	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	
<b>f.qeaz08</b>	<b>96.510</b>	<b>96.515</b>	<b>96.510</b>	<b>96.510</b>	<b>96.525</b>	<b>96.470</b>	<b>2.500</b>	<b>96.480</b>	<b>12/15/2008</b>	<b>63,697</b>	<b>42,806</b>	<b>DEC</b>
f.qeaf09	96.910	96.925	96.910	96.925	96.925	96.925	(0.500)	96.925	1/19/2009	540	116	JAN
f.qeag09	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	2/16/2009	0	0	FEB
<b>f.qeah09</b>	<b>97.335</b>	<b>97.340</b>	<b>97.340</b>	<b>97.340</b>	<b>97.355</b>	<b>97.305</b>	<b>1.000</b>	<b>97.335</b>	<b>3/16/2009</b>	<b>69,182</b>	<b>31,026</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>97.585</b>	<b>97.590</b>	<b>97.590</b>	<b>97.590</b>	<b>97.605</b>	<b>97.570</b>	<b>1.500</b>	<b>97.580</b>	<b>6/15/2009</b>	<b>72,775</b>	<b>42,347</b>	<b>JUN</b>
<b>f.qeau09</b>	<b>97.575</b>	<b>97.580</b>	<b>97.580</b>	<b>97.580</b>	<b>97.620</b>	<b>97.540</b>	<b>3.500</b>	<b>97.555</b>	<b>9/14/2009</b>	<b>59,584</b>	<b>41,467</b>	<b>SEP</b>
f.qeaz09	97.345	97.350	97.350	97.350	97.370	97.275	7.500	97.285	12/14/2009	38,270	27,780	DEC
f.qeah10	97.280	97.285	97.280	97.280	97.300	97.195	8.500	97.195	3/15/2010	35,071	26,106	MAR
f.qeam10	97.130	97.135	97.130	97.130	97.150	97.035	9.500	97.035	6/14/2010	27,876	20,774	JUN
f.qeau10	97.000	97.010	97.010	97.010	97.025	96.900	10.500	96.900	9/13/2010	21,337	11,991	SEP
f.qeaz10	96.805	96.815	96.805	96.810	96.830	96.720	8.500	96.720	12/13/2010	9,765	5,226	DEC
f.qeah11	96.765	96.775	96.765	96.765	96.795	96.690	7.500	96.690	3/14/2011	6,755	5,318	MAR
f.qeam11	96.690	96.700	96.690	96.695	96.720	96.655	7.500	96.665	6/13/2011	4,622	3,297	JUN
f.qeau11	96.630	96.640	96.630	96.635	96.660	96.575	8.000	96.575	9/19/2011	2,825	1,685	SEP
f.qeaz11	96.505	96.560	96.505	#VALUE!	#VALUE!	#VALUE!	4.500	#VALUE!	12/19/2011	6	0	DEC
f.qeah12	96.410	96.550	96.550	#VALUE!	#VALUE!	#VALUE!	12.000	#VALUE!	3/19/2012	0	0	MAR
f.qeam12	96.290	96.510	96.510	#VALUE!	#VALUE!	#VALUE!	15.500	#VALUE!	6/18/2012	0	0	JUN
f.qeau12	96.150	96.470	96.470	#VALUE!	#VALUE!	#VALUE!	19.500	#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/>

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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	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
<b>F.QSAZ08</b>	<b>96.795</b>	<b>96.800</b>	<b>96.800</b>	<b>96.800</b>	<b>96.815</b>	<b>96.685</b>	<b>12.000</b>	<b>96.705</b>	<b>12/17/2008</b>	<b>21,968</b>	<b>15,218</b>	<b>DEC</b>
F.QSAF09	#VALUE!	#VALUE!	#VALUE!	96.895	#VALUE!	#VALUE!	#VALUE!	#VALUE!	1/21/2009	0	0	JAN
<b>F.QSAH09</b>	<b>97.500</b>	<b>97.505</b>	<b>97.505</b>	<b>97.505</b>	<b>97.510</b>	<b>97.365</b>	<b>12.500</b>	<b>97.385</b>	<b>3/18/2009</b>	<b>29,005</b>	<b>19,325</b>	<b>MAR</b>
<b>F.QSAM09</b>	<b>97.755</b>	<b>97.760</b>	<b>97.755</b>	<b>97.755</b>	<b>97.760</b>	<b>97.620</b>	<b>13.500</b>	<b>97.660</b>	<b>6/17/2009</b>	<b>29,493</b>	<b>16,555</b>	<b>JUN</b>
<b>F.QSAU09</b>	<b>97.720</b>	<b>97.725</b>	<b>97.725</b>	<b>97.725</b>	<b>97.725</b>	<b>97.600</b>	<b>13.000</b>	<b>97.625</b>	<b>9/16/2009</b>	<b>19,353</b>	<b>14,926</b>	<b>SEP</b>
F.QSAZ09	97.480	97.485	97.480	97.480	1072.335	97.375	12.000	97.400	12/16/2009	18,912	15,891	DEC
F.QSAH10	97.325	97.330	97.325	97.325	97.330	97.230	12.000	97.240	3/17/2010	13,148	13,724	MAR
F.QSAM10	97.075	97.080	97.075	97.075	97.080	96.965	12.500	96.965	6/16/2010	12,100	5,789	JUN
F.QSAU10	96.825	96.835	96.825	96.830	96.835	96.715	13.000	96.715	9/15/2010	8,460	4,637	SEP
F.QSAZ10	96.570	96.580	96.570	96.575	96.575	96.425	13.000	96.425	12/15/2010	2,471	2,005	DEC
F.QSAH11	96.435	96.445	96.445	96.435	96.440	96.295	13.500	96.295	3/16/2011	1,726	354	MAR
F.QSAM11	96.305	96.325	96.325	96.295	96.295	96.260	12.500	96.265	6/15/2011	610	231	JUN
F.QSAU11	96.215	96.245	96.245	96.205	96.205	96.185	12.500	96.185	9/21/2011	249	217	SEP
F.QSAZ11	96.100	96.230	96.230	#VALUE!	#VALUE!	#VALUE!	14.000	#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.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**

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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	11840	11843	11843	11841	11842	11755	83	11758	12/29/2008	12,303	3,250	DEC
F.QGAH09	11763	11764	11764	11764	11772	11678	76	11685	3/27/2009	55,977	28,603	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	1.08750	1.08750	1.16250	1.08750	(0.07500)	1.16250		
USDLIB1M	1.91125	1.91125	1.91125	1.90125	0.01000	1.90125		
USDLIB3M	2.22000	2.22000	2.22000	2.21688	0.00312	2.21688		
USDLIB6M	2.60625	2.60625	2.60625	2.59125	0.01500	2.59125		
USDLIB1Y	2.77375	2.77375	2.77375	2.76625	0.00750	2.76625		
<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	3.00625	3.00625	3.01250	3.00625	(0.00625)	3.01250		
GBPLIB1M	3.35125	3.35125	3.35125	3.26250	0.08875	3.26250		
GBPLIB3M	3.88125	3.88125	3.91000	3.88125	(0.02875)	3.91000		
GBPLIB6M	4.01625	4.01625	4.04750	4.01625	(0.03125)	4.04750		
GBPLIB1Y	4.08875	4.08875	4.11625	4.08875	(0.02750)	4.11625		
<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	2.9250	2.9250	2.9438	2.9250	(0.0187)	2.9438		
EUIBOR1M	3.5230	3.5230	3.5740	3.5230	(0.0510)	3.5740		
EUIBOR3M	3.8160	3.8160	3.8530	3.8160	(0.0370)	3.8530		
EUIBOR6M	3.8590	3.8590	3.8970	3.8590	(0.0380)	3.8970		
EUIBOR1Y	3.9210	3.9210	3.9510	3.9210	(0.0300)	3.9510		
<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	1.5027	1.503	1.503	1.503	1.5403	1.5008	(0.0346)	1.5363
GBPEUR	1.1854	1.1862	1.1862	1.1862	1.2136	1.1839	(0.0253)	1.2082
GBPJPY	1.4115	1.4121	1.4121	1.4121	1.472	1.404	(0.0565)	1.4665
EURGBP	0.8432	0.8434	0.8434	0.8434	0.8448	0.824	0.0173	0.8273

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## Contract Specs

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**Three Month Sterling (Short Sterling) Interest Rate Futures**

**Unit of trading** £500,000

**Delivery months** March, June, September, December, and two serial months, such that 23 delivery months are available for trading, with the nearest three delivery months being

**Quotation** 100.00 minus rate of interest

**Minimum price movement** 0.01 (£12.50)

**Last trading day** 11:00 - Third Wednesday of the delivery month.

**Delivery day** First business day after the Last Trading Day.

**Trading hours** 07:30 - 18:00 [London time]

**Trading Platform:** LIFFE CONNECT® Trading Host for Futures and Options. **Algorithm:** Central order book applies a pro-rata algorithm, but with priority given to the first order at

**Contract Standard:** Cash settlement based on the Exchange Delivery Settlement Price.

**Euribor**

**Unit of trading** £1,000,000

**Delivery months** March, June, September,

**Quotation** 100.00 minus

**Minimum price movement** 0.005 (€12.50)

**Last trading day** 10:00 - Two business days

**Delivery day** First business day after the

**Trading hours** 01:00 – 21:00 [London time]

**Trading Platform:** LIFFE CONNECT®

**Contract Standard:** Cash settlement

**Long Gilt Futures**

**Unit of trading** £100,000 nominal value notional Gilt with 6% coupon

**Delivery months** March, June, September, December, such that the nearest three delivery months are available for trading.

**Quotation** Per £100 nominal

**Minimum price movement** 0.01 (£10)

**Last trading day** 11:00 - Third Wednesday of the delivery month.

**Delivery day** Any business day in delivery month (at seller's choice)

**Trading hours** 08:00 - 18:00 [London time]

**Trading Platform:** LIFFE CONNECT® Trading Host for Futures and Options. **Algorithm:** Central order book applies price/time priority trading algorithm .Wholesale **Services:** Asset Allocation, Block Trading, Basis Trading

**Contract Standard:** See euronext.com

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