Parallel-Shift Sensitivity Analysis for HLB-Option and Knockout Advances

The Federal Home Loan Bank of Boston (Bank) is providing estimated valuations of the specific HLB-Option and Knockout advances set forth below for members' information and convenience only. The estimated valuations are generated by models obtained from external sources which are used for the Bank's own asset/liability management purposes. The models include the use of specific assumptions, for example, market volatility and discount curve adjusted for the Bank's spread, to estimate the value of the advance. The valuations represent theoretical market values only and should not be construed as a liquidation price for the HLB-Option or Knockout advance.

It is expressly understood that in providing this valuation information to members, the Bank is not performing any advisory service. The valuations are being provided without representation or warranty and the member shall be solely responsible for any decision it makes or actions it takes based on the valuations provided. It is recommended that institutions maintain independent capabilities to value their asset/liability positions, including HLB-Option and Knockout advances.

The table depicts valuation estimates resulting from immediate parallel interest-rate movements of plus/minus 400 basis points in 100 basis point increments. In order to rule out negative interest rates, our model applies an effective floor of plus ten basis points to the yield curve for all down-rate scenarios. As a result, large down-rate shocks will reflect valuation at the floor rate of ten basis points in place of any negative interest rates that would otherwise be produced by the indicated basis point shocks. Please note that the valuation estimates are from the Federal Home Loan Bank of Boston's perspective. Since the advance is held by the member as a liability, positive price changes in the table correspond to the advance having a negative impact on the member's estimated market value of portfolio equity (and vice versa). The theoretical argument follows that as interest rates rise, the value of the advance to the Bank falls. In the case of an HLB-Option advance, the Bank would be likely to exercise its option to cancel the advance as the value falls below 100. In the case of a Knockout advance, the Bank would automatically terminate the advance on any specified cancellation date if LIBOR is equal to or greater than a predetermined "strike rate" four London Business days prior to the scheduled cancellation date. In either case, the member's cost to prepay the advance increases as interest rates fall.

To identify your advance, locate the appropriate maturity date and then verify the coupon rate. The report is sorted in ascending order by start date, followed by coupon. Once the appropriate structure is determined, read across to view the sensitivity analysis that has been performed on the advance.

If you have any questions or would like further explanation of this analysis, contact the Money Desk at 1-800-357-3452.

As of: 3/31/2008 **Parallel-Shift Sensitivity Analysis for HLB-Option and Knockout Advances**

Start Date	Maturity Date	Next Call Date	Coupon	-300	-200	-100	Base	+100	+200	+300	+400
2/27/1997	2/27/2012	5/27/2008	6.580	125.4693	121.2524	117.0972	113.1630	109.5423	106.3522	103.6915	101.6590
4/8/1998	4/8/2013	4/8/2008	5.490	125.3439	119.9032	114.8289	110.3190	106.5267	103.5257	101.3897	100.3003
5/6/1998	5/6/2008	5/6/2008	5.790	100.5790	100.5594	100.4564	100.3534	100.2510	100.1489	100.0472	99.9457
5/8/1998	5/8/2008	5/8/2008	5.520	100.5827	100.5618	100.4532	100.3448	100.2368	100.1292	100.0219	99.9150
6/1/1998	6/4/2008	6/2/2008	5.520	100.9967	100.9655	100.7843	100.6038	100.4244	100.2458	100.0680	99.8913
6/16/1998	6/16/2008	6/16/2008	5.470	101.1700	101.1315	100.9167	100.7026	100.4898	100.2780	100.0672	99.8913
6/16/1998	6/16/2008	6/16/2008	5.700	101.2192	101.1807	100.9658	100.7517	100.5388	100.3269	100.1160	99.9496
6/24/1998	6/24/2008	6/24/2008	5.450	101.2868	101.2435	101.0062	100.7698	100.5348	100.3009	100.0681	99.8913
7/31/1998	7/30/2008	4/30/2008	5.390	101.8116	101.7385	101.3976	101.0586	100.7222	100.3879	100.0924	99.9314
7/31/1998	7/30/2008	4/30/2008	5.610	101.8856	101.8124	101.4713	101.1322	100.7956	100.4612	100.1381	99.9496
8/19/1998	8/19/2013	5/19/2008	5.490	126.6062	120.8056	115.4326	110.7100	106.7681	103.6654	101.4477	100.2479
8/19/1998	8/19/2013	5/19/2008	5.490	126.6062	120.8056	115.4326	110.7100	106.7681	103.6654	101.4477	100.2479
8/25/1998	8/19/2013	4/25/2008	5.490	126.6061	120.8047	115.4309	110.7041	106.7627	103.6555	101.4433	100.2941
8/27/1998	8/19/2013	4/28/2008	5.490	126.6061	120.8047	115.4309	110.7041	106.7627	103.6555	101.4433	100.2941
9/30/1998	9/30/2013	6/30/2008	5.220	125.5621	119.7165	114.3287	109.6680	105.8467	102.9156	100.9452	99.9496
10/30/1998	10/30/2008	10/30/2003	4.990	102.9524	102.7799	102.1811	101.5892	101.0041	100.4259	99.8542	99.2891
11/25/1998	11/25/2008	11/25/2003	5.200	103.4522	103.2487	102.5791	101.9183	101.2662	100.6227	99.9875	99.3606
12/14/1998	12/16/2013	6/16/2008	4.890	124.1351	118.1441	112.7764	108.2486	104.6615	102.0318	100.4615	99.7926
12/14/1998	12/16/2013	12/15/2008	5.390	127.0023	120.8917	115.3212	110.4924	106.5215	103.4355	101.2390	99.8113
12/15/1998	12/16/2013	6/16/2008	4.880	124.0778	118.0894	112.7263	108.2054	104.6262	102.0062	100.4485	100.2941
1/15/1999	1/15/2009	1/15/2004	5.160	104.1567	103.8822	103.0667	102.2647	101.4758	100.6999	99.9363	99.1851
1/19/1999	1/20/2009	1/21/2003	4.980	104.0808	103.8034	102.9743	102.1589	101.3568	100.5679	99.7915	99.0278
1/19/1999	1/20/2009	1/21/2003	4.980	104.0808	103.8034	102.9743	102.1589	101.3568	100.5679	99.7915	99.0278
1/29/1999	1/29/2009	1/29/2003	4.980	104.2053	103.9223	103.0674	102.2268	101.3998	100.5864	99.7860	98.9987
2/18/1999	2/18/2009	5/19/2008	5.080	104.5720	104.2562	103.3533	102.4665	101.5957	100.7564	100.1295	99.8445
2/18/1999	2/18/2009	5/19/2008	5.430	104.8870	104.5707	103.6663	102.7780	101.9056	101.0537	100.3138	99.9157
4/23/1999	4/27/2009	4/23/2008	5.190	105.6513	105.2385	104.1391	103.0610	102.0037	100.9913	100.2293	99.9232
4/23/1999	4/27/2009	4/23/2008	5.500	105.9889	105.5754	104.4741	103.3940	102.3347	101.3059	100.4162	99.9877
4/26/1999	4/27/2009	4/28/2008	5.190	105.6513	105.2385	104.1391	103.0610	102.0037	100.9913	100.2293	99.9232
4/26/1999	4/27/2009	4/28/2008	5.500	105.9889	105.5754	104.4741	103.3940	102.3347	101.3059	100.4162	99.9877
5/6/1999	5/6/2009	5/6/2008	5.310	105.9148	105.4668	104.3418	103.2381	102.1559	101.1220	100.3077	99.9206
6/7/1999	6/8/2009	6/9/2008	5.700	106.8717	106.3746	105.1573	103.9630	102.7912	101.6538	100.6624	100.0470
6/7/1999	6/8/2009	6/9/2008	6.040	107.2816	106.7835	105.5637	104.3668	103.1924	102.0453	100.9873	100.2373
7/1/1999	7/1/2009	7/1/2008	6.110	107.7563	107.2138	105.9271	104.6646	103.4257	102.2174	101.1055	100.3273
7/23/1999	7/23/2009	4/23/2008	5.400	107.1850	106.6305	105.2856	103.9664	102.6731	101.4356	100.4229	99.9779
9/8/1999	9/8/2009	6/9/2008	5.620	108.2114	107.5694	106.0951	104.6489	103.2312	101.8683	100.7203	100.0436
10/8/1999	10/8/2009	4/8/2008	5.580	108.6180	107.9229	106.3599	104.8281	103.3284	101.8957	100.7070	100.1141
11/1/1999	11/2/2009	5/1/2008	5.540	108.9410	108.1980	106.5665	104.9687	103.4058	101.9203	100.7115	100.0663
11/8/1999	11/9/2009	5/8/2008	5.960	109.7347	108.9849	107.3270	105.7033	104.1139	102.5801	101.2214	100.3076
11/9/1999	11/9/2009	5/9/2008	5.570	109.0976	108.3500	106.6974	105.0790	103.4961	101.9891	100.7494	100.0667
12/10/1999	12/10/2009	6/10/2008	5.710	109.8180	109.0152	107.2680	105.5585	103.8879	102.2954	100.9508	100.1235
12/17/1999	12/17/2009	6/17/2008	5.910	110.2769	109.4682	107.6971	105.9644	104.2705	102.6429	101.2141	100.2648
12/20/1999	12/21/2009	6/20/2008	5.810	110.1675	109.3568	107.5753	105.8326	104.1295	102.4982	101.0890	100.1783
12/22/1999	12/22/2009	6/23/2008	5.840	110.2362	109.4247	107.6398	105.8937	104.1873	102.5508	101.1294	100.2021
1/7/2000	1/7/2015	4/7/2008	5.950	133.3719	126.1085	119.6226	114.0196	109.3500	105.6121	102.8016	100.9307
1/13/2000	1/13/2010	4/14/2008	5.910	110.7201	109.8598	108.0102	106.2019	104.4357	102.7433	101.2652	100.3283
1/25/2000	1/25/2010	4/25/2008	5.970	111.0279	110.1592	108.2727	106.4287	104.6276	102.8985	101.3749	100.3586
1/27/2000	1/27/2010	4/28/2008	6.080	111.2649	110.3941	108.4996	106.6480	104.8392	103.0971	101.5423	100.4337
1/27/2000	1/27/2010	4/28/2008	6.210	111.5058	110.6341	108.7373	106.8834	105.0722	103.3228	101.7381	100.5315
2/7/2000	2/8/2010	5/7/2008	5.950	111.2223	110.3156	108.3974	106.5233	104.6937	102.9386	101.4041	100.3694
2/16/2000	2/8/2010	5/1/2008	5.950	111.2223	110.3156	108.3974	106.5233	104.6937	102.9386	101.4041	100.3694
2/16/2000	2/16/2010	5/16/2008	6.470	112.3469	111.4309	109.4790	107.5722	105.7097	103.9045	102.2376	100.9006
2/16/2000	2/16/2010	5/16/2008	6.690	112.7667	111.8491	109.8931	107.9823	106.1157	104.3017	102.6010	101.1765
3/6/2000	3/8/2010	6/6/2008	6.390	112.5492	111.5847	109.5678	107.5988	105.6773	103.8229	102.1305	100.8201
3/13/2000	3/15/2010	6/13/2008	6.090	112.0785	111.1116	109.0795	107.0958	105.1614	103.3076	101.6663	100.4950
3/14/2000	3/15/2010	5/14/2008	6.090	112.0785	111.1116	109.0795	107.0959	105.1621	103.3102	101.6702	100.4940
3/15/2000	3/15/2010	6/16/2008	5.950	111.8008	110.8351	108.8057	106.8249	104.8937	103.0509	101.4472	100.3663
3/21/2000	3/22/2010	6/23/2008	6.120	112.2570	111.2852	109.2313	107.2267	105.2719	103.3969	101.7297	100.5205
3/22/2000	3/22/2010	6/23/2008	5.960	111.9365	110.9661	108.9154	106.9140	104.9630	103.1005	101.4755	100.3699
4/5/2000	4/5/2010	4/7/2008	5.950	112.1479	111.0593	108.9726	106.9371	104.9566	103.0795	101.4640	100.4110
4/11/2000	4/12/2010	4/11/2008	5.950	112.2636	111.1703	109.0625	107.0066	105.0065	103.1105	101.4766	100.4051
4/11/2000	4/12/2010	4/11/2008	6.050	112.4697	111.3755	109.2655	107.2075	105.2046	103.2979	101.6334	100.4770
4/11/2000	4/12/2010	4/11/2008	6.470	113.3353	112.2374	110.1183	108.0514	106.0371	104.1000	102.3351	100.9396
4/11/2000	4/12/2010	4/11/2008	6.560	113.5209	112.4221	110.3011	108.2323	106.2158	104.2730	102.4920	101.0565
4/11/2000	4/12/2010	4/11/2008	6.750	113.9125	112.8120	110.6869	108.6141	106.5932	104.6400	102.8272	101.3153
4/12/2000	4/12/2010	4/14/2008	5.990	112.3461	111.2524	109.1437	107.0870	105.0857	103.1854	101.5393	100.4333
4/13/2000	4/13/2010	4/14/2008	6.560	113.5391	112.4396	110.3156	108.2438	106.2245	104.2789	102.4953	101.0573
4/24/2000	4/26/2010	4/24/2008	6.450	113.5450	112.4377	110.2764	108.1688	106.1154	104.1417	102.3435	100.9209
5/3/2000	5/3/2010	5/5/2008	6.240	113.2253	112.0012	109.8241	107.7025	105.6439	103.6913	101.9663	100.6870
5/3/2000	5/3/2010	5/5/2008	6.360	113.4797	112.2544	110.0746	107.9501	105.8874	103.9251	102.1722	100.8330
5/15/2000	5/17/2010	5/15/2008	6.990	115.0867	113.8456	111.6082	109.4278	107.3062	105.2631	103.3614	101.7320
5/30/2000	6/1/2010	5/30/2008	6.490	114.2780	112.9217	110.6563	108.4504	106.3117	104.2771	102.4475	101.0130
8/8/2000	8/9/2010	5/8/2008	5.990	114.3261	112.6991	110.2408	107.8538	105.5653	103.4542	101.6754	100.4766
8/18/2000	8/18/2010	5/19/2008	6.090	114.7175	113.0830	110.5943	108.1778	105.8575	103.7054	101.8677	100.5640
10/5/2000	10/5/2010	4/7/2008	5.710	114.5604	112.6358	110.0210	107.4934	105.1030	102.9596	101.2502	100.2985
10/10/2000	10/12/2010	4/10/2008	5.840	115.0055	113.0739	110.4334	107.8792	105.4557	103.2650	101.4761	100.3842
10/13/2000	10/13/2010	4/14/2008	5.750	114.7903	112.8595	110.2189	107.6661	105.2493	103.0754	101.3244	100.3161
10/23/2000	10/25/2010	4/23/2008	5.640	114.6953	112.7582	110.0849	107.5026	105.0646	102.8867	101.1643	100.2185
12/5/2000	12/6/2010	6/5/2008	5.410	114.7272	112.4662	109.6850	107.0208	104.5560	102.4262	100.8508	100.0348
12/11/2000	12/13/2010	6/11/2008	5.170	114.1744	111.9135	109.1212	106.4566	104.0174	101.9566	100.5393	99.8707
12/12/2000	12/13/2010	6/12/2008	5.110	114.0099	111.7502	108.9605	106.3015	103.8752	101.8410	100.4760	99.8455
12/15/2000	12/15/2010	6/16/2008	5.120	114.0657	111.8045	109.0083	106.3427	103.9087	101.8647	100.4858	99.8455
12/20/2000	12/20/2010	6/20/2008	4.950	113.6674	111.4064	108.6029	105.9406	103.5304	101.5540	100.3062	100.3161

As of: 3/31/2008 **Parallel-Shift Sensitivity Analysis for HLB-Option and Knockout Advances**

Start Date	Maturity Date	Next Call Date	Coupon	-300	-200	-100	Base	+100	+200	+300	+400
12/21/2000	12/21/2010	6/23/2008	4.860	113.4325	111.1725	108.3705	105.7150	103.3250	101.3894	100.2173	100.2985
1/11/2001	1/11/2011	4/11/2008	5.370	115.1554	112.7180	109.8352	107.0846	104.5619	102.4055	100.8361	100.0348
1/12/2001	1/12/2011	4/14/2008	5.300	114.9725	112.5361	109.6535	106.9066	104.3952	102.2632	100.7439	100.0830
2/5/2001	2/7/2011	5/5/2008	4.820	113.9646	111.3850	108.4601	105.7065	103.2679	101.3422	100.2315	99.8577
2/7/2001	2/7/2011	5/7/2008	4.820	113.9646	111.3850	108.4601	105.7065	103.2679	101.3422	100.2315	99.8577
2/26/2001	2/28/2011	5/27/2008	4.790	114.1571	111.5636	108.5737	105.7639	103.2788	101.3115	100.1804	99.7742
2/26/2001	2/28/2011	5/27/2008	5.060	114.9551	112.3550	109.3496	106.5048	103.9417	101.8312	100.4385	99.8427
2/26/2001	2/28/2011	5/27/2008	5.450	116.1078	113.4981	110.4728	107.5864	104.9346	102.6561	100.9542	100.0621
2/27/2001	2/28/2011	5/27/2008	4.760	114.0684	111.4757	108.4877	105.6856	103.2138	101.2613	100.1571	99.7669
2/27/2001	2/28/2011	5/27/2008	5.020	114.8369	112.2377	109.2346	106.3969	103.8472	101.7550	100.3991	99.8325
3/1/2001	3/1/2011	6/2/2008	5.270	115.5904	112.8307	109.8156	106.9593	104.3773	102.2145	100.6933	99.9722
3/14/2001	3/14/2011	6/16/2008	4.860	114.5530	111.7953	108.7643	105.9259	103.4227	101.4328	100.2414	99.7607
4/23/2001	4/25/2011	4/24/2006	5.350	116.6245	113.7002	110.5154	107.4394	104.4674	101.5963	98.8208	96.1384
6/1/2001	6/1/2011	6/2/2008	4.990	115.9763	112.7837	109.5291	106.4963	103.8366	101.7244	100.4073	99.8523
12/13/2001	12/13/2011	6/13/2008	4.920	118.0493	114.1245	110.3411	106.8985	103.9751	101.7271	100.3663	99.7937
6/3/2002	6/4/2012	6/3/2008	4.490	117.9225	113.4893	109.3595	105.7871	102.9535	100.9869	100.0417	99.7110
6/4/2002	6/4/2012	6/4/2008	4.490	117.9225	113.4893	109.3595	105.7871	102.9535	100.9869	100.0417	99.7110
12/5/2002	12/5/2012	6/5/2008	3.790	116.0543	111.2178	106.9899	103.6599	101.3123	100.1163	99.7572	99.5748
3/6/2003	3/6/2013	6/6/2008	2.990	112.5939	107.8070	104.0527	101.4459	100.1087	99.7853	99.6021	99.4205
1/27/2004	1/27/2009	4/28/2008	2.890	102.4244	102.1449	101.3038	100.4846	99.9898	99.9008	99.8261	99.7516
2/5/2004	12/18/2008	12/19/2005	5.150	103.7481	103.5116	102.7749	102.0491	101.3341	100.6296	99.9353	99.2511
2/5/2004	4/26/2010	4/24/2008	6.200	113.0200	111.9150	109.7593	107.6575	105.6137	103.6645	101.9319	100.6517
2/5/2004	12/14/2010	6/16/2008	5.820	115.9727	113.6980	110.8758	108.1600	105.6109	103.3355	101.4982	100.3435
2/9/2004	2/9/2009	5/9/2008	3.110	102.7213	102.4136	101.5447	100.6939	100.0569	99.8728	99.7631	99.6537
2/17/2004	2/17/2009	5/19/2008	2.910	102.6109	102.2985	101.4080	100.5403	99.9817	99.8224	99.6907	99.5594
3/4/2004	3/4/2009	6/4/2008	2.970	102.7885	102.4400	101.5005	100.5923	99.9993	99.7880	99.6108	99.4347
3/12/2004	3/12/2009	6/12/2008	2.690	102.5854	102.2324	101.2717	100.3656	99.9085	99.7040	99.5050	99.3072
4/1/2004	4/1/2009	7/1/2008	2.770	102.8162	102.4242	101.4133	100.4515	99.8968	99.6300	99.3784	99.1287
5/24/2004	5/26/2009	5/27/2008	3.580	104.1866	103.7300	102.5596	101.4133	100.3983	99.9098	99.7372	99.5812
5/28/2004	5/28/2009	5/28/2008	3.700	104.3475	103.8894	102.7124	101.5591	100.5065	99.9409	99.7474	99.5859
6/11/2004	6/11/2009	6/11/2008	3.750	104.5521	104.0582	102.8474	101.6604	100.5720	99.9634	99.7224	99.5269
6/18/2004	6/20/2011	6/18/2008	4.120	113.3978	110.2230	106.9973	104.1339	101.8275	100.3659	99.7949	99.5486
7/2/2004	7/2/2014	7/2/2008	3.990	119.6787	113.6085	108.5682	104.6838	101.9304	100.3494	99.7230	99.4317
8/5/2004	8/5/2009	5/5/2008	3.470	104.7423	104.1575	102.7973	101.4686	100.3582	99.9293	99.8212	99.7227
12/13/2004	12/15/2014	6/13/2008	3.320	116.0389	110.2055	105.6752	102.4677	100.5139	99.8451	99.6162	99.4100
12/17/2004	12/17/2009	6/17/2008	3.710	106.4513	105.6559	103.9189	102.2266	100.7439	99.9678	99.6900	99.4778
5/5/2005	5/5/2010	5/5/2006	4.190	108.9037	107.6986	105.5637	103.5078	101.6478	100.3626	99.9442	99.8917
5/17/2005	5/17/2010	5/19/2008	4.070	108.7844	107.5727	105.4059	103.3247	101.4656	100.2526	99.8500	99.7098
6/6/2005	6/7/2010	6/6/2008	3.890	108.6228	107.2911	105.0756	102.9692	101.1603	100.1113	99.7675	99.5802
7/18/2005	7/19/2010	4/18/2008	4.160	109.7066	108.2313	105.8866	103.6545	101.6815	100.3474	99.9442	99.8917
9/1/2005	9/1/2015	6/2/2008	4.130	122.3235	115.4093	109.8038	105.5165	102.4501	100.6048	99.8835	99.6607
9/19/2005	9/19/2012	6/19/2008	3.820	115.8380	111.2122	107.0638	103.7396	101.3573	100.1090	99.7675	99.5802
9/26/2005	9/26/2012	6/26/2008	3.890	116.2304	111.5896	107.3898	103.9963	101.5231	100.1622	99.7675	99.5802
9/30/2005	9/30/2015	9/30/2008	4.440	124.8963	117.7394	111.7562	107.0434	103.5392	101.1822	99.8707	99.1593
10/26/2005	10/26/2015	10/27/2008	4.540	125.7407	118.4555	112.3528	107.5213	103.8944	101.4087	99.9436	99.1100
10/28/2005	10/28/2015	4/28/2008	4.140	122.8403	115.8295	110.0885	105.6859	102.5241	100.5770	99.9165	99.8392
10/28/2005	10/28/2015	10/28/2008	4.310	124.0758	116.9410	111.0365	106.4395	103.0673	100.8640	99.6444	98.9300
11/4/2005	11/4/2010	5/5/2008	4.520	111.9026	109.8322	107.1801	104.6754	102.4661	100.8034	100.0308	99.8289
11/21/2005	11/21/2012	5/21/2008	4.290	118.4090	113.5527	109.1034	105.3871	102.5385	100.6772	99.9127	99.7171
12/22/2005	12/22/2008	6/22/2008	4.750	103.5097	103.2711	102.5242	101.7884	101.0634	100.3492	99.9800	99.9634
1/6/2006	1/6/2016	4/7/2008	4.020	122.1444	115.0622	109.4026	105.1392	102.1491	100.4407	99.9800	99.9634
1/17/2006	1/19/2016	4/17/2008	4.080	122.7355	115.5929	109.8295	105.4559	102.3558	100.5020	99.9400	99.8875
3/20/2006	3/21/2011	6/20/2008	4.760	114.3461	111.5861	108.5269	105.5698	102.7104	100.4407	99.9800	99.9634
4/11/2006	4/11/2011	4/11/2008	4.980	115.2797	112.3757	109.2612	106.3379	103.7508	101.6717	100.3880	99.9621
4/19/2006	4/19/2013	4/21/2008	4.630	121.1241	115.8053	110.9519	106.8445	103.6193	101.3318	100.2038	99.9163
4/24/2006	4/25/2016	4/24/2008	4.440	126.0017	118.3774	112.1056	107.2168	103.6101	101.2070	100.1278	99.8770
4/28/2006	4/28/2011	4/28/2008	5.090	115.8580	112.9392	109.7578	106.6853	103.7170	101.0567	99.9901	99.9127
5/5/2006	5/6/2013	5/5/2008	4.780	121.9255	116.5120	111.5932	107.4030	104.0747	101.6682	100.3289	99.8664
5/5/2006	5/5/2016	5/5/2008	4.350	125.2126	117.6155	111.4598	106.7125	103.2589	101.0228	100.0533	99.8078
5/5/2006	5/5/2016	5/5/2008	4.530	126.6074	118.8695	112.5337	107.5756	103.8971	101.4147	100.1914	99.8333
5/5/2006	5/5/2016	5/5/2009	4.980	130.1246	122.0649	115.3144	109.8747	105.6791	102.6079	100.4671	98.9487
5/9/2006	5/9/2011	5/9/2008	5.050	115.8667	112.8125	109.6141	106.6187	103.9724	101.8379	100.4563	99.8965
5/15/2006	5/16/2016	5/15/2008	4.350	125.3456	117.7407	111.5512	106.7730	103.2902	101.0254	100.0268	99.7512
5/15/2006	5/16/2016	5/15/2008	4.520	126.6678	118.9298	112.5697	107.5915	103.8966	101.3984	100.1613	99.7799
5/19/2006	5/19/2016	5/19/2008	4.510	126.6274	118.8949	112.5354	107.5600	103.8698	101.3773	100.1471	99.7635
6/12/2006	6/13/2016	6/12/2008	4.620	127.5921	119.7119	113.2196	108.1112	104.2848	101.6497	100.2442	99.7210
6/26/2006	6/27/2016	6/26/2008	4.730	128.6455	120.6729	114.0294	108.7598	104.7716	101.9627	100.3677	99.8922
6/28/2006	6/28/2013	12/28/2006	4.950	123.3434	117.8022	112.6978	108.3059	104.7699	102.1285	100.5003	99.9446
6/28/2006	6/28/2013	6/30/2008	4.950	123.3434	117.8022	112.6978	108.3059	104.7699	102.1285	100.5003	99.9446
6/30/2006	7/1/2013	6/30/2008	4.890	122.8761	117.2819	112.2245	107.9113	104.4693	101.9436	100.4515	99.9446
7/14/2006	7/15/2013	4/14/2008	4.890	123.0663	117.4626	112.3606	108.0058	104.5211	101.9563	100.4543	99.9446
7/19/2006	7/19/2011	7/21/2008	5.250	117.4909	114.1265	110.7116	107.5094	104.6686	102.3370	100.7046	99.8498
7/20/2006	7/20/2011	7/21/2008	5.300	117.6730	114.3059	110.8747	107.5682	104.3826	101.6330	100.2172	99.7286
7/24/2006	7/25/2016	4/24/2008	4.660	128.2307	120.2445	113.6329	108.4165	104.4955	101.7726	100.3342	99.8922
7/28/2006	7/28/2016	4/28/2008	4.490	126.9102	119.0571	112.6059	107.5756	103.8549	101.3482	100.1693	99.8663
8/1/2006	8/1/2016	8/3/2009	4.890	129.9444	121.7388	114.9387	109.5122	105.3676	102.3347	100.1475	98.4959
8/11/2006	8/11/2011	5/12/2008	4.790	116.2363	112.7441	109.3049	106.1469	103.4507	101.3939	100.2318	99.8393
8/21/2006	8/21/2013	5/21/2008	4.750	122.6181	116.9611	111.8459	107.5318	104.1271	101.6779	100.3088	99.8049
8/25/2006	8/25/2016	5/27/2008	4.350	125.9183	118.1232	111.7901	106.9140	103.3635	101.0492	100.0112	99.7051
8/28/2006	8/29/2011	5/28/2008	4.890	116.8218	113.3134	109.8120	106.5854	103.8023	101.6346	100.3208	99.7965
9/22/2006	9/22/2011	9/22/2008	4.790	116.7746	113.1289	109.5729	106.3157	103.5468	101.4240	100.0995	99.3788
9/29/2006	9/29/2011	9/29/2008	4.590	116.1583	112.5166	108.9610	105.7401	103.0439	101.0558	99.8879	99.2278
10/10/2006	10/10/2013	4/10/2008	4.250	120.1000	114.4300	109.4875	105.5077	102.5451	100.6572	99.9872	99.9453

Start Date	Maturity Date	Next Call Date	Coupon	-300	-200	-100	Base	+100	+200	+300	+400
10/12/2006	10/15/2013	4/14/2008	4.500	121.5492	115.8037	110.7149	106.5202	103.3094	101.1145	100.1314	99.9285
10/20/2006	10/20/2009	4/20/2008	4.930	107.7785	107.0786	105.4886	103.9306	102.4039	100.9078	99.8591	99.2245
10/30/2006	10/31/2011	10/30/2008	4.850	117.4093	113.6609	109.9634	106.4102	103.1198	100.9246	99.8591	99.2245
11/3/2006	11/3/2011	11/3/2008	4.690	116.7675	112.9534	109.2636	105.7219	102.5871	100.6468	99.7338	99.1229
11/6/2006	11/6/2013	5/6/2008	4.290	120.4367	114.6916	109.7004	105.6739	102.6707	100.7432	99.9683	99.7967
11/10/2006	11/13/2012	5/12/2008	4.390	118.7813	113.9163	109.4586	105.7005	102.7919	100.8398	99.9931	99.7713
11/17/2006	11/18/2013	5/19/2008	4.350	120.9182	115.1460	110.0854	105.9741	102.8817	100.8493	99.9756	99.7409
11/24/2006	11/25/2016	5/27/2008	4.190	125.0592	117.2372	110.9747	106.2366	102.8518	100.7480	99.9007	99.6809
11/30/2006	12/2/2013	5/30/2008	4.350	120.8772	115.0563	110.0106	105.9299	102.8700	100.8769	100.0328	99.8233
12/1/2006	12/1/2016	6/2/2008	4.090	124.0926	116.3352	110.2376	105.6797	102.4800	100.5873	99.8750	99.6530
12/4/2006	12/5/2016	6/4/2008	4.080	124.0565	116.3062	110.2091	105.6536	102.4568	100.5710	99.8586	99.6277
12/5/2006	12/5/2016	12/7/2009	4.260	125.5280	117.5998	111.2860	106.4936	103.0058	100.4759	98.5105	96.8210
12/6/2006	12/6/2013	12/7/2009	4.400	121.2088	115.3651	110.2744	106.1360	102.9750	100.5929	98.6883	97.0236
12/8/2006	12/8/2016	6/9/2008	3.990	123.3580	115.6982	109.7082	105.2631	102.1878	100.4400	99.8152	99.5928
12/11/2006	12/11/2009	6/11/2008	4.690	108.0772	107.2798	105.5452	103.8484	102.2120	100.8214	100.0372	99.7164
12/12/2006	12/12/2016	6/12/2008	3.990	123.4023	115.7397	109.7377	105.2814	102.1956	100.4373	99.8016	99.5684
12/12/2006	12/12/2016	6/12/2008	4.050	123.8910	116.1658	110.0864	105.5509	102.3781	100.5240	99.8248	99.5805
12/13/2006	12/15/2008	6/13/2008	4.890	103.5181	103.2837	102.5563	101.8397	101.1338	100.4629	99.9990	99.7396
12/13/2006	12/14/2009	12/15/2008	4.830	108.3586	107.5584	105.8128	104.1052	102.4509	100.9803	99.8807	99.0694
12/19/2006	12/19/2011	6/19/2008	4.490	116.5097	112.6045	108.8612	105.5410	102.8285	100.9138	99.8807	99.0694
12/19/2006	12/19/2016	12/19/2008	4.190	125.1177	117.2491	110.9730	106.2347	102.8482	100.6759	99.4184	98.5924
12/20/2006	12/20/2013	12/22/2008	4.500	121.9527	116.0685	110.8779	106.6187	103.3670	101.1096	99.7228	98.8284
12/21/2006	12/21/2011	6/23/2008	4.530	116.6857	112.7768	109.0214	105.6808	102.9406	100.9839	100.0074	99.7164
12/27/2006	12/27/2013	12/29/2008	4.500	122.0402	116.1511	110.9392	106.6603	103.3899	101.1143	99.7092	98.7966
12/28/2006	12/28/2016	6/30/2008	4.250	125.7176	117.7829	111.4101	106.5677	103.0787	100.8681	100.0074	99.7164
12/28/2006	12/28/2016	12/29/2008	4.400	126.9584	118.8813	112.3371	107.2955	103.6169	101.1489	99.6694	98.7285
1/8/2007	1/9/2012	4/8/2008	4.750	117.6644	113.6580	109.8296	106.3933	103.5374	101.4142	100.2763	99.9632
1/12/2007	1/12/2017	1/12/2009	4.420	127.0775	118.9332	112.3764	107.3306	103.6517	101.1797	99.6712	98.6878
1/16/2007	1/17/2017	1/17/2012	4.790	130.2407	121.7690	114.7530	109.0092	104.2100	100.0674	96.3665	92.9686
1/23/2007	1/23/2014	4/23/2008	4.490	122.1029	116.1479	110.9090	106.6204	103.3513	101.1208	100.1141	99.8900
1/23/2007	1/23/2017	4/23/2008	4.460	127.5475	119.3572	112.7213	107.5951	103.8358	101.3264	100.1697	99.8881
1/29/2007	1/29/2014	1/29/2009	4.790	123.9307	117.8858	112.4793	107.9580	104.4051	101.8154	100.0994	98.9671
2/2/2007	2/2/2017	5/2/2008	4.690	129.3951	120.9631	114.1060	108.7388	104.7279	101.9536	100.4315	99.8874
2/9/2007	2/9/2012	5/9/2008	4.750	117.9767	113.8811	109.9716	106.4674	103.5655	101.4127	100.2294	99.8424
2/9/2007	2/9/2012	5/9/2008	4.750	117.9767	113.8811	109.9716	106.4674	103.5655	101.4127	100.2294	99.8424
2/9/2007	2/9/2012	5/9/2008	4.750	117.9767	113.8811	109.9716	106.4674	103.5655	101.4127	100.2294	99.8424
2/9/2007	2/9/2017	5/9/2008	4.470	127.6265	119.3772	112.7353	107.6102	103.8573	101.3574	100.1574	99.8050
2/12/2007	2/13/2012	2/12/2009	4.880	118.5398	114.4334	110.4935	106.9359	103.9531	101.6661	100.0950	99.0072
2/15/2007	2/15/2012	2/17/2009	4.990	118.9994	114.8851	110.9270	107.3353	104.2999	101.9389	100.2791	99.1325
2/20/2007	2/21/2017	5/20/2008	4.390	127.1006	118.9187	112.3310	107.2753	103.5965	101.1806	100.0651	99.7312
2/20/2007	2/21/2017	2/21/2012	4.850	130.7572	121.8009	114.4986	108.7101	103.9720	99.8986	96.2333	92.8510
2/23/2007	2/23/2017	5/23/2008	4.250	125.9511	117.9043	111.4738	106.5946	103.0957	100.8855	99.9540	99.7007
2/23/2007	2/23/2017	5/23/2008	4.350	126.7888	118.6448	112.0959	107.0860	103.4545	101.0925	100.0284	99.7153
2/28/2007	3/1/2010	5/28/2008	4.890	109.5083	108.5604	106.5937	104.6734	102.7982	100.9673	100.0254	99.7199
3/2/2007	3/2/2012	6/2/2008	4.490	117.1294	112.9631	109.0444	105.6141	102.8544	100.9351	100.0254	99.7199
3/9/2007	3/10/2014	3/9/2009	4.450	122.0307	115.9702	110.7124	106.4466	103.2213	100.9744	99.4994	98.4429
3/16/2007	3/16/2017	6/16/2008	4.090	124.6407	116.7184	110.4779	105.8213	102.5479	100.5937	99.9832	99.9426
3/20/2007	3/20/2012	6/20/2008	4.550	117.5954	113.4133	109.4323	105.9280	103.0956	101.0715	100.0429	99.6492
3/21/2007	3/21/2017	6/23/2008	4.220	125.7904	117.7283	111.3117	106.4661	102.9973	100.8248	99.3265	98.2317
3/23/2007	3/23/2017	3/23/2009	4.290	126.4044	118.2691	111.7632	106.8163	103.2459	100.8584	99.3265	98.2317
3/23/2007	3/23/2017	3/23/2009	4.290	126.4044	118.2691	111.7632	106.8163	103.2459	100.8584	99.3265	98.2317
3/23/2007	3/23/2017	6/23/2009	4.290	126.4044	118.2691	111.7632	106.8163	103.2459	100.8584	99.3265	98.2317
3/30/2007	3/30/2012	6/30/2008	4.670	118.2081	114.0062	109.8954	105.9602	102.1916	100.6883	99.9832	99.9426
4/2/2007	4/2/2012	4/2/2009	4.590	117.7973	113.5347	109.5237	105.9968	103.1437	101.0401	99.5770	98.4784
4/9/2007	4/9/2009	4/9/2008	4.750	104.9347	104.5341	103.4893	102.4645	101.4609	100.5461	100.0568	99.9632
4/9/2007	4/10/2017	4/9/2008	4.150	125.2030	117.1670	110.8350	106.0911	102.7378	100.6883	99.9832	99.9426
4/12/2007	4/12/2017	4/14/2008	4.250	126.0720	117.9299	111.4690	106.5818	103.0827	100.8826	100.0405	99.9344
4/13/2007	4/13/2017	4/13/2009	4.450	127.7849	119.4398	112.7372	107.5828	103.8173	101.2370	99.5405	98.3308
4/18/2007	4/20/2009	4/18/2008	4.940	105.2831	104.8751	103.7975	102.7406	101.7049	100.7309	100.1177	99.9291
4/23/2007	4/23/2012	4/23/2008	4.650	118.3121	114.0317	109.9505	106.3473	103.4124	101.2777	100.1899	99.9001
4/23/2007	4/23/2014	4/23/2010	4.620	123.3690	117.1744	111.7322	107.2635	103.7691	101.0355	98.7660	96.7561
4/27/2007	4/27/2012	4/27/2009	4.550	117.9508	113.6741	109.5952	106.0155	103.1194	100.9786	99.4742	98.3248
4/27/2007	4/27/2017	4/28/2008	4.250	126.2491	118.0963	111.5895	106.6604	103.1216	100.8825	100.0004	99.8531
5/2/2007	5/2/2014	5/3/2010	4.590	123.0680	116.8393	111.4445	107.0314	103.5801	100.8594	98.5857	96.5596
5/4/2007	5/5/2014	5/4/2009	4.550	122.8639	116.6482	111.2678	106.8892	103.5508	101.1729	99.5273	98.2959
5/14/2007	5/16/2011	5/14/2008	4.500	114.2218	111.1803	108.0033	105.0964	102.6394	100.8476	100.0109	99.7702
5/18/2007	5/18/2017	5/19/2008	4.190	125.7581	117.6253	111.1908	106.3514	102.9118	100.7820	99.9296	99.7198
5/22/2007	5/22/2012	5/22/2009	4.690	118.7255	114.3513	110.1923	106.5223	103.5279	101.2706	99.6338	98.3717
5/22/2007	5/22/2012	5/22/2009	4.690	118.7255	114.3513	110.1923	106.5223	103.5279	101.2706	99.6338	98.3717
5/22/2007	5/22/2012	5/22/2009	4.710	118.8094	114.4337	110.2707	106.5927	103.5855	101.3143	99.6666	98.3972
5/22/2007	5/22/2017	5/22/2012	4.750	130.6316	121.9460	114.7625	108.8454	103.8489	99.4858	95.5592	91.9403
5/25/2007	5/25/2012	5/27/2008	4.650	118.5963	114.2232	110.0631	106.4010	103.4274	101.2664	100.1291	99.7554
5/29/2007	5/30/2017	5/29/2008	4.250	126.4088	118.2038	111.6585	106.7055	103.1494	100.8902	99.9329	99.6631
6/1/2007	6/1/2010	6/2/2008	4.990	110.9780	109.6381	107.4096	105.2486	103.2051	101.4468	100.3131	99.8388
6/1/2007	6/2/2014	6/2/2008	4.500	122.6799	116.4239	111.0426	106.6889	103.4000	101.1715	100.0924	99.7239
6/7/2007	6/7/2012	6/9/2008	4.940	119.8687	115.3947	111.1614	107.3868	104.2498	101.8746	100.4337	99.8279
6/7/2007	6/7/2017	6/8/2009	4.820	131.2146	122.4206	115.2489	109.6034	105.3504	102.2898	100.1639	98.6284
6/8/2007	6/9/2014	6/9/2008	4.730	124.1810	117.8297	112.2927	107.7319	104.1949	101.6847	100.2955	99.7638
6/8/2007	6/8/2017	6/9/2008	4.490	128.3588	119.8715	113.0651	107.8313	103.9985	101.4385	100.1570	99.7036
6/11/2007	6/12/2017	6/11/2008	4.490	128.4087	119.9185	113.0997	107.8546	104.0112	101.4408	100.1488	99.6847
6/18/2007	6/19/2017	6/18/2008	4.500	128.5830	120.0783	113.2255	107.9477	104.0729	101.4698	100.1441	99.6847
6/18/2007	6/19/2017	6/18/2009	4.840	131.5504	122.7297	115.4989	109.7946	105.4856	102.3708	100.1947	98.6184
6/19/2007	6/19/2017	6/19/2008	4.650	129.8897	121.2425	114.2176	108.7524	104.6785	101.8660	100.3235	99.7152

Start Date	Maturity Date	Next Call Date	Coupon	-300	-200	-100	Base	+100	+200	+300	+400
6/20/2007	6/20/2012	6/20/2008	4.890	119.8332	115.3542	111.0896	107.2975	104.1530	101.7832	100.3641	99.7634
6/20/2007	6/20/2012	6/20/2008	4.960	120.1327	115.6480	111.3713	107.5518	104.3697	101.9447	100.4469	99.7899
6/22/2007	6/22/2017	6/23/2008	4.500	128.6205	120.1136	113.2515	107.9653	104.0825	101.4717	100.1381	99.7634
6/26/2007	6/26/2012	6/26/2009	5.130	120.9454	116.4431	112.1192	108.2195	104.9328	102.3315	100.3750	98.8772
6/28/2007	6/28/2017	6/30/2008	4.500	128.6955	120.1843	113.3035	108.0004	104.1017	101.4754	100.1262	99.6133
7/13/2007	7/13/2012	7/14/2008	4.690	119.1473	114.5988	110.3227	106.5778	103.5501	101.3492	100.1179	99.5889
7/13/2007	7/13/2017	4/14/2008	4.290	126.8166	118.4772	111.8677	106.8623	103.2697	100.9848	100.0724	99.9304
7/13/2007	7/13/2017	7/13/2011	4.900	132.1596	123.2284	115.8979	109.9984	105.2228	101.2323	97.7719	94.6533
7/18/2007	7/18/2017	7/19/2010	4.780	131.1681	122.3430	115.1402	109.4728	105.1227	101.7540	99.0248	96.6606
7/19/2007	7/19/2012	7/20/2009	4.890	120.0970	115.5267	111.1906	107.3473	104.1699	101.7180	99.8757	98.4157
7/20/2007	7/20/2017	4/21/2008	4.290	126.9000	118.5556	111.9246	106.8996	103.2885	100.9854	100.0544	99.8932
7/24/2007	7/24/2012	7/24/2009	4.820	119.8589	115.2912	110.9542	107.1234	103.9763	101.5616	99.7442	98.2941
7/27/2007	7/27/2012	7/28/2008	4.590	118.8917	114.3429	110.0465	106.3086	103.3105	101.1657	100.0095	99.4867
7/27/2007	7/28/2014	7/28/2008	4.350	122.2045	115.9342	110.5415	106.2272	103.0007	100.8837	99.8516	99.3987
7/27/2007	7/27/2017	7/28/2008	4.180	126.0280	117.7971	111.2839	106.3927	102.9166	100.7568	99.7691	99.3469
7/27/2007	7/27/2017	7/28/2008	4.250	126.6356	118.3286	111.7267	106.7381	103.1622	100.9006	99.8313	99.3726
7/30/2007	1/30/2019	4/30/2008	3.990	126.4794	117.6205	110.8378	105.8940	102.4868	100.5158	99.8982	99.8153
7/31/2007	7/31/2017	4/30/2008	3.990	124.4271	116.4072	110.1403	105.5106	102.2985	100.4534	99.8982	99.8154
7/31/2007	7/31/2017	4/30/2008	3.990	124.4271	116.4072	110.1403	105.5106	102.2985	100.4534	99.8982	99.8154
7/31/2007	7/31/2017	7/31/2008	4.060	125.0318	116.9316	110.5677	105.8370	102.5257	100.5500	99.6944	99.2973
8/2/2007	8/4/2014	8/3/2009	4.490	122.9322	116.5590	111.1057	106.7134	103.3892	100.9856	99.2164	97.7906
8/2/2007	8/2/2017	8/4/2008	4.050	124.7440	116.6286	110.3333	105.6785	102.4466	100.5360	99.6826	99.2670
8/2/2007	8/2/2017	8/4/2008	4.150	125.6082	117.3781	110.9491	106.1531	102.7752	100.7095	99.7489	99.3062
8/6/2007	8/6/2012	8/6/2008	4.490	118.4484	113.8333	109.5566	105.8834	102.9883	100.9809	99.9195	99.4094
8/6/2007	8/6/2012	8/6/2008	4.490	118.4484	113.8333	109.5566	105.8834	102.9883	100.9809	99.9195	99.4094
8/9/2007	8/11/2014	8/9/2011	4.860	125.3506	118.8204	113.0971	108.2295	104.0778	100.4525	97.1802	94.1523
8/9/2007	8/9/2017	8/11/2008	3.990	124.3039	116.2540	110.0226	105.4354	102.2725	100.4347	99.6218	99.2029
8/9/2007	8/9/2017	8/11/2008	3.990	124.3039	116.2540	110.0226	105.4354	102.2725	100.4347	99.6218	99.2029
8/13/2007	8/13/2012	8/13/2009	4.590	118.9782	114.3482	110.0248	106.2807	103.2856	101.0201	99.2948	97.8700
8/16/2007	8/16/2017	5/16/2008	3.990	124.3815	116.3267	110.0741	105.4675	102.2861	100.4650	99.8583	99.7055
8/17/2007	8/17/2012	5/19/2008	4.150	117.0771	112.4921	108.2830	104.7730	102.1149	100.4548	99.8742	99.7201
8/17/2007	8/17/2012	8/18/2008	4.350	117.9644	113.3569	109.0845	105.4577	102.6364	100.7438	99.7810	99.2975
8/17/2007	8/17/2017	5/19/2008	4.000	124.4792	116.4120	110.1421	105.5178	102.3193	100.4778	99.8574	99.7007
8/20/2007	8/20/2010	8/20/2009	4.590	111.1180	109.5028	107.0532	104.7026	102.5537	100.7122	99.1701	97.8028
8/20/2007	8/20/2014	8/20/2009	4.250	121.5952	115.2897	109.9241	105.6656	102.5320	100.3349	98.7195	97.3444
8/20/2007	8/20/2014	8/20/2009	4.250	121.5952	115.2897	109.9241	105.6656	102.5320	100.3349	98.7195	97.3444
8/24/2007	8/24/2010	8/25/2008	4.460	110.8527	109.2366	106.7796	104.4277	102.3076	100.6942	99.7942	99.3047
8/24/2007	8/24/2012	5/27/2008	4.050	116.7123	112.1347	107.9397	104.4745	101.8837	100.3402	99.8293	99.6656
8/28/2007	8/28/2014	8/28/2009	4.350	122.3457	116.0192	110.5914	106.2581	103.0068	100.6639	98.9185	97.4684
8/30/2007	8/30/2012	8/31/2009	4.390	118.3004	113.6792	109.3562	105.6724	102.7660	100.5922	98.9213	97.4987
8/30/2007	9/2/2014	5/30/2008	3.890	119.2812	113.1591	108.1410	104.3274	101.6625	100.2492	99.8753	99.7826
8/31/2007	8/31/2012	8/31/2009	4.370	118.2230	113.6034	109.2850	105.6114	102.7178	100.5600	98.8980	97.4810
9/4/2007	9/4/2012	9/4/2008	4.190	117.3381	112.6714	108.4228	104.8818	102.2038	100.4883	99.6360	99.1475
9/4/2007	9/4/2012	9/4/2008	4.220	117.4726	112.8022	108.5435	104.9846	102.2800	100.5304	99.6559	99.1608
9/4/2007	9/5/2017	9/4/2008	3.890	123.5140	115.5391	109.4351	104.9892	101.9712	100.2622	99.4786	99.0114
9/6/2007	9/7/2010	6/6/2008	4.160	110.2844	108.5542	106.0744	103.7333	101.6973	100.3509	99.8367	99.6308
9/7/2007	9/7/2012	9/8/2008	4.090	116.9237	112.2675	108.0468	104.5655	101.9583	100.3485	99.5610	99.0859
9/10/2007	9/11/2017	6/10/2008	3.690	121.8608	114.1443	108.3100	104.1558	101.4204	100.1096	99.7145	99.5150
9/11/2007	9/13/2010	9/11/2009	4.430	111.0257	109.2875	106.7797	104.3901	102.2373	100.4179	98.8709	97.4729
9/11/2007	9/11/2017	6/11/2008	3.590	121.0087	113.4252	107.7503	103.7476	101.1731	100.0248	99.6927	99.4952
9/12/2007	9/12/2014	6/12/2008	3.690	118.1370	112.1318	107.2663	103.6456	101.2050	100.0529	99.7085	99.5081
9/13/2007	9/15/2014	9/14/2009	3.990	120.0536	113.8658	108.7222	104.7637	101.8991	99.8540	98.2552	96.8446
9/13/2007	9/13/2017	9/13/2010	3.990	124.4688	116.3663	110.0862	105.3902	101.8585	99.0239	96.5686	94.3088
9/14/2007	9/14/2011	9/15/2008	4.090	114.2145	110.6054	107.1635	104.1602	101.7895	100.2853	99.5275	99.0449
9/14/2007	9/14/2012	9/14/2010	4.390	118.3570	113.6597	109.3152	105.5838	102.4752	99.8214	97.4319	95.1958
9/17/2007	9/17/2012	9/17/2009	4.220	117.6250	112.9458	108.6481	105.0526	102.2859	100.2179	98.5896	97.1649
9/27/2007	9/27/2010	9/29/2008	4.250	110.7431	108.9983	106.4561	104.0472	101.9282	100.4120	99.5822	99.0501
9/27/2007	9/29/2014	9/27/2010	4.490	123.2816	116.4767	110.6006	106.1153	102.7631	100.0374	97.6202	95.3563
9/27/2007	9/27/2017	6/27/2008	3.650	121.6814	114.0074	108.1862	104.0503	101.3356	100.0500	99.3403	98.7602
9/28/2007	9/28/2010	9/29/2008	4.290	110.8560	109.1101	106.5633	104.1464	102.0126	100.4617	99.6069	99.0650
9/28/2007	9/28/2012	6/30/2008	3.850	116.0700	111.4337	107.2453	103.8746	101.4371	100.1230	99.9884	99.9801
10/3/2007	10/3/2012	7/3/2008	3.830	115.8775	111.1829	107.0294	103.7137	101.3524	100.1854	99.9884	99.9801
10/9/2007	10/9/2012	10/9/2009	4.400	118.5512	113.7409	109.1567	105.1677	102.2980	100.3021	98.7125	97.2697
10/11/2007	10/14/2014	4/13/2009	4.180	121.3407	115.0033	109.6810	105.5137	102.4715	100.4270	99.0538	97.9852
10/11/2007	10/11/2017	10/14/2008	3.990	124.5470	116.4017	110.1062	105.4770	102.2864	100.3909	99.4274	98.8311
10/15/2007	10/16/2017	10/15/2008	3.990	124.6024	116.4536	110.1430	105.4999	102.2961	100.3875	99.4108	98.8013
10/22/2007	10/22/2012	10/22/2008	3.990	116.8180	112.0850	107.8049	104.3200	101.7473	100.1773	99.3403	98.7602
10/25/2007	10/27/2014	10/25/2011	4.360	122.6513	116.2092	110.6593	105.9834	101.9648	98.3826	95.0949	92.0080
10/26/2007	10/26/2017	4/28/2008	3.390	119.5313	112.1920	106.7731	103.0370	100.7474	99.9422	99.8685	99.7967
10/29/2007	10/29/2009	10/29/2008	4.250	106.8118	106.1095	104.5021	102.9280	101.4256	100.2348	99.4606	98.8680
10/29/2007	10/29/2012	10/29/2009	3.990	116.8956	112.1578	107.8569	104.3516	101.6982	99.7028	98.0560	96.5599
11/2/2007	11/3/2014	11/2/2009	3.990	120.1106	113.8443	108.6869	104.7326	101.8664	99.7655	98.0654	96.5414
11/2/2007	11/3/2014	11/2/2010	4.190	121.3929	115.0100	109.6780	105.4164	102.0169	99.1690	96.6388	94.2841
11/5/2007	11/5/2014	11/5/2009	3.990	120.1327	113.8651	108.7017	104.7418	101.8704	99.7642	98.0591	96.5302
11/5/2007	11/6/2017	11/5/2012	4.390	128.1544	119.4705	112.4069	106.5372	101.4903	96.9963	92.8926	89.0809
11/6/2007	11/6/2017	5/6/2008	3.480	120.1870	112.6893	107.1647	103.3276	100.9319	99.9898	99.8173	99.7162
11/8/2007	11/9/2009	5/8/2008	4.100	106.6967	105.9568	104.3243	102.7269	101.2267	100.2064	99.8732	99.7602
11/9/2007	11/10/2014	11/9/2011	4.330	122.3795	115.9147	110.3967	105.7451	101.7318	98.1450	94.8421	91.7392
11/13/2007	11/14/2011	11/13/2008	3.760	113.4938	109.7253	106.2129	103.2836	101.1282	99.8548	99.1088	98.4993
11/13/2007	11/13/2012	11/13/2008	3.680	115.4626	110.7133	106.5594	103.3152	101.0639	99.7952	99.0616	98.4564
11/13/2007	11/13/2014	5/13/2008	3.350	116.1521	110.3237	105.7763	102.5460	100.5622	99.9058	99.7684	99.6480
11/19/2007	11/19/2014	11/19/2009	3.750	118.7462	112.6204	107.6372	103.9036	101.2386	99.2533	97.5914	96.0622
11/19/2007	11/19/2014	11/19/2009	3.750	118.7462	112.6204	107.6372	103.9036	101.2386	99.2533	97.5914	96.0622

As of: 3/31/2008 **Parallel-Shift Sensitivity Analysis for HLB-Option and Knockout Advances**

Start Date	Maturity Date	Next Call Date	Coupon	-300	-200	-100	Base	+100	+200	+300	+400
11/19/2007	11/19/2014	11/21/2011	4.270	122.0980	115.6583	110.1542	105.5163	101.5109	97.9239	94.6136	91.5017
11/19/2007	11/20/2017	11/19/2012	4.290	127.0714	118.2718	111.2510	105.5534	100.6823	96.3038	92.2837	88.5190
11/20/2007	11/20/2017	11/22/2010	3.740	122.5688	114.6976	108.6947	104.2415	100.8193	97.9858	95.4512	93.0888
11/23/2007	11/24/2017	11/23/2011	3.990	124.1949	115.5514	109.1565	104.3331	100.3655	96.8524	93.5977	90.5249
11/23/2007	11/24/2017	11/23/2011	3.990	124.1949	115.5514	109.1565	104.3331	100.3655	96.8524	93.5977	90.5249
11/29/2007	11/29/2017	5/29/2008	2.950	115.9745	109.3178	104.6498	101.6238	100.1206	99.7858	99.6212	99.4571
11/30/2007	11/30/2017	11/30/2009	3.190	117.9619	110.8980	105.7964	102.3513	100.0106	98.2100	96.6122	95.0885
12/6/2007	12/6/2017	12/7/2009	3.250	118.3136	111.1403	105.9831	102.4901	100.1106	98.2749	96.6511	95.1095
12/7/2007	12/7/2012	12/7/2009	3.450	114.4660	109.7049	105.6666	102.6131	100.3764	98.5811	96.9662	95.4241
12/10/2007	12/10/2010	12/10/2009	3.870	110.5780	108.3460	105.6397	103.1837	101.0846	99.2836	97.6475	96.0881
12/10/2007	12/11/2017	12/10/2010	3.450	120.0547	112.5635	107.0043	102.9101	99.7073	96.9661	94.4595	92.0895
12/11/2007	12/11/2012	12/11/2009	3.760	115.9748	111.1386	106.9036	103.5694	101.0933	99.1580	97.4790	95.9070
12/14/2007	12/14/2010	12/15/2008	3.690	110.1270	107.8964	105.1961	102.7819	100.8843	99.6986	98.9208	98.2423
12/20/2007	12/20/2012	12/21/2009	3.600	115.3057	110.4983	106.3293	103.1110	100.7222	98.8353	97.1661	95.5848
12/20/2007	12/20/2012	12/21/2009	3.750	116.0165	111.0807	106.5346	103.1337	100.8382	99.0376	97.4014	95.8289
12/24/2007	12/26/2017	12/24/2012	3.990	124.5351	116.0594	109.3617	103.8606	99.0795	94.7474	90.7279	86.9555
12/26/2007	12/26/2012	12/26/2008	3.460	114.6959	109.9196	105.8196	102.7169	100.6468	99.4833	98.7002	97.9937
12/26/2007	12/26/2012	12/27/2010	3.960	117.0893	112.2030	107.8010	104.1066	100.9917	98.2441	95.7016	93.2867
1/2/2008	1/2/2013	1/4/2010	3.490	114.7523	109.9099	105.8168	102.7149	100.4305	98.5771	96.9002	95.2973
1/3/2008	1/5/2015	1/3/2011	3.650	118.1124	111.9915	107.0639	103.2007	100.0506	97.2916	94.7426	92.3223
1/4/2008	1/4/2018	1/4/2011	3.360	119.2933	111.9093	106.4788	102.4688	99.2882	96.5347	93.9957	91.5873
1/7/2008	1/7/2013	1/7/2009	2.990	112.3982	107.7224	104.0136	101.4239	99.9091	99.0220	98.2762	97.5527
1/7/2008	1/7/2013	1/7/2011	3.590	115.2820	110.4092	106.1864	102.7040	99.7395	97.0666	94.5536	92.1464
1/7/2008	1/7/2015	1/7/2011	3.490	117.1036	111.1022	106.3258	102.6024	99.5402	96.8299	94.3040	91.8940
1/7/2008	1/8/2018	4/7/2008	2.590	113.0463	107.0304	103.0851	100.7180	99.9860	99.9639	99.9417	99.9196
1/8/2008	1/8/2013	1/8/2010	3.150	113.1749	108.4356	104.5811	101.7817	99.7046	97.9365	96.2806	94.6768
1/8/2008	1/8/2018	4/8/2008	2.570	112.8928	106.9173	103.0104	100.6781	99.9856	99.9634	99.9413	99.9191
1/8/2008	1/8/2018	7/8/2008	2.640	113.4327	107.3179	103.2764	100.8211	99.8734	99.5667	99.2961	99.0275
1/10/2008	1/10/2011	1/12/2009	3.100	108.7403	106.3595	103.6886	101.4749	100.0002	99.0992	98.3436	97.6119
1/11/2008	1/11/2018	1/12/2009	2.720	114.0803	107.8075	103.5992	100.9922	99.6302	98.7923	98.0426	97.3098
1/14/2008	1/16/2018	1/14/2011	3.240	118.3846	111.1826	105.9103	102.0166	98.8977	96.1583	93.6168	91.1932
1/16/2008	1/16/2013	7/16/2008	2.550	110.3614	105.9093	102.6344	100.5570	99.8085	99.5055	99.2133	98.9232
1/16/2008	1/16/2013	1/16/2009	2.690	111.0309	106.4956	103.0637	100.7929	99.5627	98.7453	97.9856	97.2401
1/16/2008	1/16/2015	1/16/2009	2.640	111.8766	106.6986	103.0498	100.7385	99.5193	98.7056	97.9461	97.2008
1/16/2008	1/16/2018	4/16/2008	2.380	111.5164	105.9286	102.3740	100.3592	99.9628	99.9185	99.8742	99.8300
1/17/2008	1/17/2018	4/17/2008	2.250	110.5766	105.2677	101.9620	100.1950	99.9544	99.9073	99.8603	99.8133
1/18/2008	1/18/2013	1/20/2009	2.550	110.3755	105.9222	102.6416	100.5363	99.4235	98.6240	97.8608	97.1107
1/18/2008	1/20/2015	7/18/2008	2.350	110.1865	105.3747	102.1502	100.2859	99.7326	99.4261	99.1232	98.8224
1/18/2008	1/18/2018	4/18/2008	2.290	110.8723	105.4755	102.0887	100.2391	99.9537	99.9038	99.8541	99.8043
1/24/2008	1/24/2012	7/24/2009	2.440	108.9224	105.1810	102.2559	100.2530	98.8367	97.5768	96.3529	95.1527
1/24/2008	1/24/2013	1/25/2010	2.500	110.1781	105.7537	102.5155	100.2677	98.4339	96.7191	95.0529	93.4252
1/25/2008	1/25/2013	1/26/2009	2.250	108.9196	104.0521	100.9513	99.9467	99.1395	98.3470	97.5672	96.8001
1/25/2008	1/25/2013	1/25/2011	2.650	110.8707	106.2419	102.6467	99.7078	97.0205	94.4548	91.9771	89.5793
1/28/2008	1/28/2010	1/28/2009	2.630	104.8801	104.0323	102.1955	100.5181	99.4598	98.6451	97.8558	97.0797
1/28/2008	1/28/2013	1/28/2011	2.990	112.5534	107.7611	103.8571	100.7305	97.9664	95.3639	92.8626	90.4449
1/28/2008	1/29/2018	4/28/2008	1.890	108.1989	103.7032	101.0314	99.9737	99.8934	99.8132	99.7331	99.6532
1/30/2008	1/30/2013	2/1/2010	2.670	111.0389	106.5060	103.0564	100.6385	98.6846	96.8748	95.1240	93.4164
2/1/2008	2/1/2018	5/1/2008	1.950	108.4548	103.8246	101.1285	99.9961	99.8858	99.7978	99.7102	99.6229
2/7/2008	2/7/2013	2/8/2010	2.490	110.0916	105.6384	102.4403	100.2297	98.3894	96.6515	94.9615	93.3108
2/7/2008	2/7/2018	5/7/2008	1.970	108.6175	103.9385	101.1884	99.9997	99.8668	99.7623	99.6582	99.5544
2/8/2008	2/8/2011	5/8/2008	1.990	105.7710	103.3500	101.1114	99.9978	99.8654	99.7582	99.6513	99.5448
2/8/2008	2/8/2013	8/8/2008	1.990	107.7165	103.7251	101.1689	99.9389	99.5477	99.1936	98.8423	98.4939
2/13/2008	2/13/2013	2/14/2011	2.920	112.2247	107.5078	103.6488	100.4875	97.6804	95.0458	92.5194	90.0797
2/14/2008	2/14/2018	2/14/2012	3.190	117.2153	109.9711	104.7881	100.6010	96.8843	93.4185	90.1343	86.9972
2/15/2008	2/16/2010	2/17/2009	2.350	104.4846	103.5993	101.7246	100.1508	99.1853	98.3440	97.5200	96.7106
2/19/2008	2/19/2013	2/19/2010	2.590	110.6174	105.8081	102.5207	100.3844	98.5450	96.7814	95.0613	93.3809
2/22/2008	2/22/2011	2/23/2009	2.500	107.3472	104.8140	101.9960	100.2452	99.3043	98.4479	97.6077	96.7823
2/25/2008	2/25/2013	2/25/2011	3.090	113.1413	108.2543	104.2309	100.9948	98.1470	95.4779	92.9178	90.4463
2/25/2008	2/26/2018	2/25/2009	2.420	111.9170	106.2211	102.5510	100.3887	99.2428	98.3581	97.5071	96.6718
3/7/2008	3/8/2010	6/9/2008	1.990	103.9081	102.9791	101.0714	99.9859	99.7762	99.5875	99.3996	99.2128
3/7/2008	3/9/2015	3/7/2011	2.890	113.4263	107.9205	103.7110	100.3691	97.4522	94.7427	92.1553	89.6633
3/7/2008	3/7/2018	3/7/2013	3.550	121.1103	113.2097	106.8394	101.4382	96.6415	92.2594	88.1787	84.3455
3/10/2008	3/11/2013	3/10/2010	2.390	109.6855	105.2747	102.1811	99.9872	98.0844	96.2672	94.4980	92.7712
3/11/2008	3/11/2011	3/11/2009	2.090	106.2409	103.6584	101.3342	99.8167	98.8439	97.9426	97.0597	96.1936
3/12/2008	3/12/2013	3/12/2009	2.010	107.8630	103.8284	101.2302	99.7297	98.7648	97.8618	96.9766	96.1084
3/14/2008	3/14/2011	9/15/2008	1.990	105.9589	103.4005	101.1340	99.9046	99.4192	98.9701	98.5253	98.0850
3/14/2008	3/14/2018	3/15/2010	2.400	111.7125	106.0516	102.4529	100.0706	98.1102	96.2747	94.4961	92.7618
3/17/2008	3/18/2013	3/17/2011	2.690	111.2065	106.5528	102.7995	99.6685	96.8283	94.1376	91.5489	89.0492
3/17/2008	3/17/2015	3/17/2011	2.620	110.9888	105.9460	102.3868	99.3987	96.6115	93.9397	91.3597	88.8659
3/17/2008	3/19/2018	3/18/2013	3.300	119.0441	111.4734	105.3399	100.0914	95.3886	91.0578	87.0112	83.1991
3/25/2008	3/27/2023	3/25/2013	3.150	119.5377	110.8864	104.5269	99.2917	94.6216	90.3274	86.2992	82.4990
3/26/2008	3/26/2018	3/26/2012	2.980	115.5787	108.7603	103.7911	99.6512	95.9012	92.3848	89.0389	85.8427
3/28/2008	3/28/2013	3/28/2011	2.800	111.7912	106.9761	103.1397	99.9849	97.1269	94.4116	91.7976	89.2728
3/28/2008	3/28/2013	3/28/2011	2.820	111.8920	107.0662	103.2115	100.0480	97.1854	94.4687	91.8535	89.3279
3/28/2008	3/28/2018	3/30/2009	2.020	109.0867	104.2676	101.3635	99.7446	98.7238	97.7779	96.8514	95.9427
3/28/2008	3/28/2018	3/28/2011	2.770	114.6983	108.2580	103.6460	100.1296	97.1227	94.3555	91.7235	89.1939
3/31/2008	3/31/2011	3/31/2009	1.990	106.0529	103.4827	101.1715	99.6947	98.6918	97.7419	96.8105	95.8968