

	ČEZ	ČP	KB	PM	Unipetrol	PX
12/30/2004	340.70	15300.00	3272.00	16776.00	98.20	1032.00
12/29/2004	340.10	15300.00	3251.00	16728.00	98.20	1030.90
12/28/2004	336.60	15300.00	3227.00	16781.00	96.79	1020.50
12/27/2004	333.40	15300.00	3219.00	16718.00	94.59	1015.70
12/23/2004	330.00	15300.00	3238.00	16630.00	93.26	1011.00
12/22/2004	325.30	15300.00	3229.00	16458.00	92.40	1007.10
12/21/2004	318.30	15300.00	3213.00	16350.00	92.21	1002.00
12/20/2004	326.90	15300.00	3228.00	16510.00	92.30	1009.60
12/17/2004	329.50	15000.00	3243.00	16570.00	91.93	1013.00
12/16/2004	333.10	15000.00	3248.00	16789.00	91.95	1020.10
12/15/2004	333.70	14990.00	3241.00	16648.00	91.59	1019.50
12/14/2004	330.80	15000.00	3246.00	16386.00	91.77	1015.20
12/13/2004	318.20	15000.00	3192.00	15951.00	91.54	994.00
12/10/2004	322.20	15300.00	3163.00	15875.00	91.69	992.10
12/9/2004	315.40	15300.00	3117.00	15855.00	91.24	981.00
12/8/2004	333.90	15200.00	3250.00	15981.00	91.74	1012.60
12/7/2004	338.60	15200.00	3398.00	15945.00	91.81	1024.20
12/6/2004	340.50	15200.00	3378.00	15635.00	91.64	1021.00
12/3/2004	341.10	15200.00	3451.00	15780.00	91.04	1030.10
12/2/2004	338.30	15200.00	3452.00	15925.00	90.35	1029.70
12/1/2004	340.00	15200.00	3328.00	15710.00	89.26	1017.70
11/30/2004	334.60	15699.00	3365.00	15541.00	91.04	1010.90
11/29/2004	336.20	15699.00	3353.00	15791.00	91.74	1021.90
11/26/2004	339.60	15400.00	3325.00	16414.00	91.75	1027.70
11/25/2004	328.50	15700.00	3290.00	16625.00	91.29	1021.70
11/24/2004	334.00	15800.00	3287.00	16581.00	91.59	1012.90
11/23/2004	325.10	15800.00	3278.00	16776.00	91.75	999.90
11/22/2004	319.20	15800.00	3298.00	16540.00	92.68	998.30
11/19/2004	322.50	15800.00	3314.00	16401.00	92.86	1001.30
11/18/2004	317.40	15700.00	3326.00	16675.00	92.62	994.60
11/16/2004	302.50	15200.00	3172.00	16450.00	92.54	960.60
11/12/2004	299.10	15200.00	3148.00	16163.00	91.75	958.10
11/11/2004	300.50	15500.00	3207.00	15725.00	91.59	954.60
11/10/2004	292.80	15800.00	3208.00	15614.00	91.44	957.10
11/9/2004	284.10	15300.00	3213.00	15475.00	91.10	949.40
11/8/2004	280.50	15300.00	3180.00	15735.00	90.57	938.80
11/5/2004	285.80	15100.00	3253.00	15631.00	90.74	933.40
11/4/2004	283.50	14800.00	3185.00	14984.00	90.97	940.90
11/3/2004	283.80	15000.00	3183.00	14965.00	91.59	933.00
11/2/2004	285.60	14600.00	3183.00	14946.00	91.75	935.70
11/1/2004	277.20	14600.00	3102.00	14821.00	91.09	936.60
10/29/2004	273.90	14700.00	3114.00	14490.00	91.90	916.80
10/27/2004	267.00	14700.00	3029.00	14251.00	91.50	911.90
10/26/2004	271.30	14600.00	3068.00	14561.00	92.00	892.90
10/19/2004	270.50	12365.00	3133.00	14546.00	90.25	906.20
10/18/2004	258.70	12365.00	2979.00	14206.00	89.04	896.50
10/15/2004	265.30	12365.00	3001.00	14370.00	88.68	874.40
10/14/2004	269.20	12365.00	2998.00	14545.00	88.34	883.80
10/13/2004	273.80	13000.00	3029.00	14515.00	88.20	889.50
10/12/2004	277.00	12900.00	3030.00	14801.00	88.17	900.50
10/11/2004	278.30	12355.00	3059.00	14912.00	87.69	899.10

10/8/2004	266.40	12355.00	2903.00	14846.00	87.19	902.30
10/7/2004	268.90	12355.00	2965.00	15048.00	86.89	884.50
10/5/2004	253.00	12355.00	2936.00	15125.00	86.10	891.60
10/4/2004	248.50	12500.00	2876.00	14945.00	86.35	878.50
10/1/2004	258.00	12500.00	2857.00	14860.00	86.45	872.00
9/30/2004	259.30	12510.00	2831.00	14898.00	86.25	864.10
9/29/2004	254.60	12200.00	2848.00	15061.00	87.04	872.10
9/27/2004	239.00	12200.00	2737.00	15070.00	87.21	875.40
9/24/2004	237.20	12200.00	2780.00	14843.00	87.14	875.40
9/23/2004	237.70	12000.00	2792.00	14831.00	87.09	847.40
9/22/2004	240.30	12000.00	2853.00	14925.00	87.48	847.60
9/21/2004	232.10	12000.00	2887.00	14910.00	87.19	849.80
9/20/2004	229.50	12000.00	2877.00	14976.00	87.52	860.20
9/17/2004	236.50	12000.00	2931.00	15146.00	86.54	855.40
9/16/2004	237.80	12000.00	2930.00	15155.00	86.26	850.50
9/15/2004	239.40	12000.00	2934.00	14965.00	86.15	860.70
9/14/2004	233.80	12000.00	2892.00	14818.00	85.95	857.50
9/13/2004	231.50	12000.00	2902.00	14618.00	84.95	856.40
9/10/2004	228.50	12500.00	2855.00	14425.00	84.85	849.00
9/9/2004	220.20	11900.00	2898.00	14431.00	84.74	846.90
9/8/2004	220.30	11900.00	2894.00	14225.00	84.79	842.10
9/7/2004	216.50	11336.00	2876.00	14225.00	84.87	837.60
9/6/2004	217.00	11301.00	2880.00	14460.00	85.09	837.70
9/3/2004	208.20	11221.00	2847.00	14465.00	85.04	828.90
9/2/2004	207.50	11221.00	2827.00	14611.00	84.87	831.40
9/1/2004	208.30	11221.00	2828.00	14778.00	84.32	819.10
8/31/2004	206.00	11700.00	2807.00	14956.00	82.62	817.00
8/30/2004	204.20	11667.00	2771.00	13986.00	82.47	817.60
8/27/2004	201.60	11120.00	2775.00	14186.00	80.50	816.00
8/26/2004	198.15	11100.00	2792.00	14330.00	80.29	807.30
8/25/2004	196.15	11000.00	2748.00	14560.00	79.90	804.20
8/24/2004	196.64	11100.00	2742.00	14411.00	80.35	801.20
8/23/2004	194.64	11200.00	2748.00	14241.00	80.25	796.20
8/20/2004	191.90	11200.00	2735.00	14115.00	80.44	797.20
8/19/2004	193.74	11200.00	2727.00	13975.00	80.57	791.60
8/18/2004	197.64	11180.00	2673.00	14075.00	80.57	785.00
8/17/2004	198.25	11180.00	2668.00	14310.00	80.97	785.10
8/16/2004	197.75	11200.00	2635.00	15313.00	79.79	782.20
8/13/2004	194.45	11200.00	2615.00	15381.00	79.24	783.80
8/12/2004	194.54	11300.00	2615.00	15510.00	80.15	790.50
8/11/2004	196.05	11900.00	2637.00	15365.00	79.80	784.60
8/10/2004	202.10	11900.00	2623.00	15318.00	80.10	782.50
8/9/2004	198.69	11900.00	2626.00	14890.00	79.75	785.40
8/6/2004	200.00	11900.00	2621.00	14966.00	79.78	793.40
8/5/2004	199.30	11900.00	2685.00	15056.00	79.69	786.40
8/4/2004	194.64	11900.00	2692.00	15077.00	78.74	790.50
8/3/2004	196.04	11900.00	2673.00	15086.00	78.74	800.90
8/2/2004	194.29	11100.00	2678.00	15530.00	78.74	795.00
7/30/2004	198.22	11100.00	2692.00	15318.00	78.74	794.30
7/29/2004	198.95	11100.00	2641.00	17416.00	78.15	787.30
7/27/2004	197.29	11110.00	2594.00	17146.00	77.49	790.00
7/26/2004	198.25	11110.00	2588.00	16961.00	78.03	794.10
7/23/2004	201.30	11100.00	2522.00	17016.00	77.04	785.60
7/22/2004	201.10	11100.00	2418.00	16573.00	76.04	784.30
7/21/2004	201.70	11100.00	2473.00	16736.00	75.90	779.20
7/20/2004	203.80	11100.00	2505.00	17151.00	75.92	770.80

7/19/2004	203.00	11080.00	2561.00	16945.00	75.35	780.70
7/16/2004	199.20	11080.00	2585.00	16992.00	74.75	787.10
7/15/2004	198.54	11050.00	2531.00	17122.00	75.43	786.50
7/14/2004	201.10	11050.00	2598.00	17358.00	74.99	784.80
7/13/2004	194.34	11050.00	2758.00	17146.00	74.05	779.70
7/12/2004	193.65	11050.00	2750.00	16888.00	73.57	787.50
7/9/2004	192.40	11101.00	2747.00	16841.00	73.92	793.40
7/8/2004	188.91	11101.00	2835.00	16735.00	73.90	787.00
7/7/2004	187.87	11010.00	2849.00	16791.00	74.10	784.10
7/2/2004	185.24	11010.00	2903.00	16031.00	74.61	786.40
7/1/2004	185.64	11010.00	2949.00	16166.00	74.98	789.90
6/30/2004	184.59	11010.00	2937.00	15945.00	74.90	796.40
6/29/2004	183.75	11000.00	2960.00	16035.00	75.49	800.50
6/28/2004	181.49	11000.00	2965.00	15926.00	72.20	793.50
6/25/2004	182.89	10998.00	2971.00	16576.00	76.30	796.20
6/24/2004	182.89	10998.00	3016.00	16551.00	76.49	792.50
6/23/2004	183.45	10998.00	3021.00	16521.00	76.41	798.80
6/22/2004	184.07	10998.00	2927.00	16351.00	76.34	799.90
6/21/2004	183.49	10998.00	2930.00	16345.00	76.61	805.10
6/18/2004	184.25	10998.00	3018.00	16720.00	76.68	794.70
6/17/2004	184.54	11001.00	3003.00	16885.00	75.69	797.90
6/16/2004	180.30	11000.00	2856.00	16991.00	74.48	807.30
6/15/2004	178.74	11000.00	2864.00	16905.00	73.62	804.40
6/14/2004	176.99	11000.00	2854.00	17101.00	74.49	787.50
6/11/2004	177.24	11000.00	2866.00	16775.00	74.90	783.40
6/8/2004	187.25	11000.00	2889.00	15745.00	77.06	779.00
6/7/2004	188.25	11000.00	2925.00	15835.00	77.14	779.00
6/4/2004	186.55	11000.00	2860.00	15600.00	79.75	793.10
6/3/2004	185.70	11000.00	2853.00	15530.00	79.75	795.30
6/2/2004	188.10	11100.00	2834.00	14950.00	80.30	784.70
6/1/2004	184.95	11100.00	2830.00	15136.00	80.42	781.60
5/28/2004	183.49	11100.00	2835.00	15335.00	79.90	781.80
5/27/2004	178.89	11103.00	2846.00	15556.00	79.90	778.70
5/26/2004	177.80	11103.00	2820.00	15736.00	80.10	784.80
5/25/2004	173.80	11100.00	2757.00	15666.00	80.05	776.10
5/21/2004	172.10	11100.00	2740.00	15908.00	80.64	770.20
5/20/2004	172.39	11100.00	2728.00	16271.00	80.49	759.70
5/19/2004	173.65	11100.00	2780.00	15638.00	80.39	759.00
5/18/2004	171.74	11100.00	2717.00	15300.00	80.39	760.70
5/17/2004	169.80	11100.00	2653.00	15976.00	80.52	762.30
5/14/2004	172.59	11100.00	2632.00	16416.00	80.61	744.90
5/13/2004	166.25	11100.00	2645.00	17130.00	80.43	739.00
5/12/2004	171.50	11150.00	2736.00	17475.00	80.39	750.80
5/11/2004	172.84	11200.00	2774.00	17040.00	80.34	749.20
5/10/2004	165.52	11250.00	2623.00	17050.00	80.44	763.40
5/7/2004	175.14	11250.00	2737.00	17446.00	80.82	763.70
5/6/2004	185.30	11250.00	2769.00	17423.00	80.54	741.50
4/26/2004	194.44	11000.00	3203.00	17801.00	69.15	772.50
4/23/2004	194.20	11400.00	3260.00	17689.00	69.14	789.10
4/22/2004	194.25	11400.00	3268.00	18001.00	67.60	834.90
4/21/2004	194.79	11400.00	3352.00	18376.00	69.49	837.50
4/20/2004	193.64	11100.00	3337.00	18126.00	68.22	835.70
4/19/2004	189.09	11100.00	3293.00	17900.00	68.38	847.40
4/16/2004	187.90	11100.00	3224.00	17976.00	67.84	846.00
4/15/2004	190.87	11100.00	3303.00	17845.00	67.28	836.40
4/14/2004	189.90	11000.00	3270.00	18931.00	68.20	831.50

4/13/2004	193.29	11000.00	3428.00	19142.00	67.76	838.10
4/9/2004	194.74	10900.00	3398.00	19126.00	67.29	835.10
4/8/2004	195.64	10900.00	3396.00	19300.00	67.14	854.30
4/7/2004	193.60	11400.00	3388.00	19225.00	66.10	850.20
4/6/2004	195.14	11400.00	3344.00	19100.00	65.60	853.60
4/5/2004	196.25	11500.00	3329.00	19355.00	65.49	848.70
4/2/2004	195.50	11500.00	3246.00	18930.00	64.25	842.00
4/1/2004	194.25	11500.00	3224.00	19026.00	64.05	845.70
3/31/2004	190.77	11500.00	3201.00	19101.00	64.10	837.00
3/30/2004	191.64	11500.00	3249.00	18962.00	64.39	830.20
3/29/2004	191.87	11100.00	3203.00	18348.00	63.32	823.80
3/26/2004	189.54	11100.00	3159.00	19650.00	64.42	823.50
3/25/2004	189.34	11100.00	3175.00	20176.00	63.87	812.70
3/24/2004	188.54	11200.00	3101.00	20158.00	63.07	813.50
3/23/2004	189.04	11299.00	3050.00	20625.00	62.20	817.50
3/22/2004	187.54	11299.00	3031.00	20680.00	61.32	813.20
3/19/2004	188.45	11339.00	3069.00	20475.00	62.99	804.20
3/18/2004	184.94	11339.00	3068.00	20115.00	63.04	797.80
3/16/2004	187.55	11339.00	2887.00	19411.00	63.39	805.20
3/15/2004	189.09	11339.00	2896.00	19470.00	63.95	802.30
3/12/2004	188.94	11339.00	2921.00	19860.00	64.59	786.00
3/11/2004	187.75	11339.00	2894.00	20450.00	65.55	789.70
3/10/2004	190.24	11339.00	2993.00	20411.00	66.94	793.60
3/9/2004	190.59	11339.00	3092.00	20405.00	67.29	790.70
3/8/2004	192.47	11339.00	3089.00	20300.00	67.29	801.70
3/5/2004	183.04	11100.00	2988.00	19631.00	66.10	809.60
3/4/2004	175.34	11000.00	2987.00	18915.00	65.44	811.10
3/3/2004	177.40	11339.00	2968.00	18145.00	66.89	792.00
3/2/2004	178.45	11100.00	3008.00	17861.00	66.89	784.40
3/1/2004	179.07	11100.00	3005.00	17951.00	67.94	776.40
2/27/2004	178.89	11977.00	2921.00	17905.00	65.64	775.50
2/26/2004	178.39	11977.00	2875.00	17626.00	65.25	776.60
2/25/2004	178.49	11977.00	2831.00	17801.00	64.74	774.30
2/24/2004	173.95	11988.00	2785.00	17141.00	62.74	760.20
2/23/2004	174.54	11988.00	2791.00	17271.00	64.00	758.00
1/12/2004	147.34	8400.00	2419.00	15670.00	72.25	746.70
12/19/2003	139.24	8640.00	2350.00	15125.00	64.61	751.60
12/18/2003	138.74	8640.00	2384.00	15018.00	64.00	663.20
12/17/2003	134.00	8500.00	2330.00	14530.00	63.29	641.20
12/16/2003	133.90	8510.00	2368.00	14611.00	63.02	633.70
12/15/2003	136.06	8510.00	2385.00	14448.00	63.64	620.60
12/12/2003	133.82	8550.00	2374.00	14500.00	62.57	624.80
12/11/2003	131.30	8974.00	2341.00	14525.00	61.75	629.40
12/10/2003	130.54	8310.00	2323.00	14540.00	61.62	624.50
12/9/2003	131.90	8310.00	2326.00	14576.00	62.25	616.30
12/8/2003	130.34	8310.00	2276.00	14481.00	62.40	613.07
12/5/2003	132.50	8310.00	2225.00	14404.00	62.09	618.10
12/4/2003	134.10	8310.00	2256.00	14275.00	61.95	613.20
12/3/2003	134.25	8310.00	2309.00	14551.00	62.89	613.80
12/2/2003	133.59	8310.00	2287.00	14446.00	63.04	614.40
12/1/2003	136.59	8310.00	2340.00	14551.00	63.74	621.50
11/28/2003	135.49	8300.00	2291.00	14351.00	63.07	615.10
11/27/2003	137.00	8300.00	2320.00	14426.00	62.92	627.00
11/26/2003	137.09	8200.00	2353.00	14363.00	62.10	624.00
11/25/2003	136.59	8200.00	2316.00	14285.00	61.75	625.80
11/24/2003	134.89	8200.00	2297.00	14264.00	62.00	624.40

11/21/2003	135.75	8200.00	2284.00	14166.00	59.74	624.00
11/20/2003	135.44	7800.00	2260.00	14148.00	56.99	626.20
11/19/2003	137.32	7800.00	2340.00	14091.00	56.99	623.90
11/18/2003	138.15	7800.00	2377.00	14171.00	56.25	619.30
11/14/2003	140.69	7800.00	2399.00	14221.00	58.74	627.70
11/13/2003	139.24	7800.00	2363.00	14001.00	59.09	632.80
11/12/2003	138.69	7800.00	2347.00	14011.00	59.29	640.50
11/11/2003	140.10	7800.00	2322.00	14290.00	59.14	633.90
11/10/2003	145.24	7800.00	2418.00	14583.00	61.69	630.00
11/7/2003	143.40	7800.00	2447.00	14378.00	60.69	629.90
11/6/2003	144.49	7502.00	2442.00	14450.00	61.75	642.80
11/5/2003	143.80	7502.00	2439.00	14525.00	60.50	642.50
11/4/2003	143.58	7502.00	2455.00	14565.00	60.74	642.10
11/3/2003	143.92	7600.00	2495.00	14522.00	62.64	644.00
10/31/2003	141.17	7600.00	2461.00	14315.00	62.87	643.80
10/30/2003	140.45	7600.00	2377.00	14416.00	62.94	644.90
10/29/2003	136.64	7600.00	2353.00	14280.00	63.24	636.70
10/27/2003	136.74	7600.00	2398.00	14070.00	63.29	633.20
10/24/2003	139.54	7450.00	2479.00	14285.00	63.54	625.10
10/23/2003	138.10	7600.00	2452.00	14288.00	63.90	624.80
10/22/2003	139.87	7900.00	2480.00	14275.00	63.67	633.40
10/21/2003	145.75	7900.00	2589.00	14492.00	65.04	628.60
10/20/2003	145.39	7350.00	2575.00	14476.00	64.57	631.60
10/17/2003	146.20	7350.00	2577.00	14730.00	64.96	649.40
10/16/2003	144.79	7350.00	2556.00	14178.00	64.94	649.40
10/15/2003	144.29	7350.00	2527.00	14133.00	64.54	651.70
8/1/2003	123.43	7200.00	2165.00	13603.00	59.59	644.50
7/31/2003	120.99	7000.00	2121.00	13621.00	59.65	642.50
7/30/2003	119.44	7000.00	2076.00	13465.00	59.05	574.00
7/29/2003	118.40	7000.00	2025.00	13386.00	58.99	571.40
7/28/2003	117.59	7000.00	1990.00	13275.00	58.54	568.00
7/25/2003	114.34	7100.00	1973.00	13214.00	58.12	565.70
7/24/2003	116.05	7000.00	1959.00	13445.00	58.84	561.40
7/23/2003	116.64	7000.00	1982.00	13429.00	59.65	565.50
7/22/2003	119.04	7150.00	2041.00	13726.00	59.41	564.90
7/21/2003	118.82	7000.00	2042.00	13826.00	59.60	566.60
7/18/2003	116.05	7000.00	2012.00	13959.00	59.92	575.10
7/17/2003	114.79	7000.00	2037.00	13934.00	59.24	522.80
7/16/2003	114.15	7000.00	2087.00	14038.00	59.19	574.40
7/15/2003	112.49	7000.00	2081.00	13951.00	57.75	575.30
7/14/2003	113.80	7150.00	2075.00	14085.00	58.05	583.90
7/11/2003	111.09	7150.00	2034.00	13963.00	57.29	588.50
7/10/2003	109.90	6900.00	2020.00	13801.00	57.04	603.50
7/9/2003	109.54	7050.00	2008.00	13858.00	56.87	612.30
7/8/2003	109.12	7050.00	2049.00	13875.00	56.99	611.60
7/7/2003	108.84	7050.00	2036.00	14123.00	56.39	605.10
7/4/2003	107.12	7050.00	2009.00	13802.00	55.09	614.00
7/3/2003	106.60	6700.00	2019.00	13726.00	54.29	618.50
7/2/2003	107.09	6700.00	2012.00	13710.00	53.65	568.90
7/1/2003	105.19	7000.00	1998.00	13745.00	53.25	562.30
6/30/2003	105.64	6600.00	1985.00	13483.00	51.34	553.80
6/27/2003	108.74	6600.00	1954.00	13105.00	51.46	551.70
6/26/2003	109.04	7000.00	1942.00	13125.00	50.84	546.90
6/25/2003	108.50	7000.00	1870.00	12700.00	53.44	550.00
6/24/2003	108.35	7000.00	1854.00	12396.00	53.80	552.10
6/23/2003	109.55	7000.00	1886.00	12541.00	54.99	558.20

6/20/2003	108.50	6999.00	1899.00	12560.00	53.75	559.30
6/19/2003	107.29	6999.00	1890.00	12476.00	53.05	555.50
6/18/2003	107.04	7000.00	1837.00	12325.00	50.69	555.40
6/17/2003	110.54	7050.00	1921.00	12921.00	53.54	558.00
6/16/2003	110.35	7450.00	1915.00	12875.00	54.89	556.10
6/12/2003	113.67	7500.00	1978.00	13060.00	57.88	560.40
6/11/2003	111.89	7200.00	1995.00	13017.00	55.80	550.30
6/10/2003	112.15	7000.00	1999.00	13346.00	53.69	543.40
6/9/2003	113.59	7000.00	2052.00	13566.00	52.20	542.70
6/6/2003	117.49	7000.00	2055.00	13826.00	52.34	545.50
6/5/2003	114.66	7000.00	2057.00	13526.00	52.03	545.20
6/4/2003	116.87	7000.00	2053.00	13177.00	52.72	540.60
6/3/2003	116.49	7000.00	2076.00	13105.00	52.44	536.80
6/2/2003	114.92	7000.00	2072.00	12816.00	51.59	538.80
5/30/2003	113.34	6777.00	2075.00	12421.00	50.20	537.20
5/29/2003	112.47	6600.00	2096.00	12338.00	50.20	535.10
5/28/2003	111.24	6600.00	2082.00	11895.00	50.19	535.50
5/27/2003	110.25	6600.00	2094.00	12085.00	49.02	535.10
5/26/2003	109.04	6500.00	2112.00	12215.00	49.49	532.40
5/23/2003	109.34	6500.00	2088.00	12060.00	50.00	545.50
5/21/2003	109.74	6700.00	2080.00	11513.00	50.20	550.10
5/16/2003	109.64	5700.00	2080.00	11385.00	49.50	544.40
5/15/2003	108.80	5700.00	2093.00	11470.00	50.10	542.00
5/14/2003	108.25	5700.00	2080.00	11465.00	49.97	533.00
5/13/2003	108.64	5700.00	2047.00	11801.00	49.64	552.60
5/12/2003	108.79	5700.00	2042.00	11781.00	49.65	555.30
5/9/2003	109.75	5700.00	2019.00	11370.00	49.85	571.50
5/7/2003	110.85	5700.00	2040.00	11310.00	49.50	571.00
5/6/2003	111.54	5700.00	2094.00	11335.00	49.44	573.30
5/5/2003	109.29	5700.00	2047.00	11366.00	50.25	575.50
5/2/2003	107.35	5700.00	1998.00	11255.00	48.80	581.30
4/30/2003	104.99	5700.00	1961.00	11125.00	47.35	569.80
4/29/2003	105.40	5700.00	1991.00	10959.00	47.54	568.40
4/28/2003	105.82	5500.00	1995.00	11283.00	46.22	568.00
4/25/2003	104.49	5200.00	1983.00	11320.00	46.37	563.20
4/24/2003	104.74	5200.00	1999.00	11315.00	46.59	555.90
4/23/2003	105.47	5001.00	2010.00	11366.00	46.49	555.70
4/22/2003	103.34	4750.00	1952.00	11308.00	45.96	552.20
4/18/2003	103.19	4750.00	1945.00	11351.00	46.06	551.10
4/17/2003	102.84	4750.00	1936.00	11381.00	45.80	552.80
4/16/2003	100.72	4750.00	1939.00	11270.00	46.12	552.40
4/15/2003	101.59	4750.00	1964.00	11115.00	46.17	551.30
4/14/2003	100.76	4750.00	1963.00	11332.00	46.12	543.70
4/11/2003	99.52	4750.00	1997.00	11464.00	45.30	546.10
4/10/2003	101.82	4750.00	1999.00	11327.00	45.82	546.30
4/9/2003	102.29	4750.00	2004.00	11341.00	45.76	540.20
4/8/2003	100.44	4750.00	2062.00	11050.00	46.20	537.00
4/7/2003	98.52	4750.00	2075.00	11200.00	46.68	536.10
4/4/2003	97.75	4750.00	2029.00	10826.00	45.75	539.60
4/3/2003	97.59	4750.00	2006.00	10661.00	45.04	542.60
4/2/2003	98.64	4750.00	1999.00	11957.00	46.07	535.10
4/1/2003	99.19	4600.00	1989.00	12060.00	45.07	527.50
3/31/2003	97.62	4600.00	1971.00	12038.00	43.49	520.70
3/28/2003	96.15	4600.00	1997.00	11885.00	43.34	522.50
3/27/2003	94.84	4600.00	2001.00	11841.00	43.34	521.30
3/26/2003	92.32	4600.00	2018.00	11828.00	43.19	514.80

3/25/2003	93.17	4600.00	1978.00	11925.00	42.89	516.20
3/24/2003	92.25	4600.00	1958.00	11875.00	42.35	516.50
3/21/2003	93.91	4605.00	1975.00	11895.00	43.59	504.70
3/20/2003	93.92	4605.00	1928.00	11606.00	42.89	505.50
3/19/2003	93.92	4605.00	1892.00	11435.00	43.39	503.50
3/18/2003	93.85	4505.00	1927.00	11915.00	42.69	499.30
3/17/2003	93.39	4505.00	1956.00	12206.00	43.17	505.20
3/14/2003	92.84	4505.00	1988.00	12065.00	43.07	506.20
3/12/2003	91.90	4505.00	1950.00	11274.00	40.79	505.70
3/11/2003	91.24	4505.00	1947.00	11203.00	38.79	504.60
3/10/2003	91.64	4505.00	1981.00	11218.00	38.74	505.90
3/7/2003	92.10	4505.00	2013.00	11255.00	38.69	507.70
3/6/2003	92.04	4505.00	2026.00	11075.00	38.74	505.90
3/5/2003	92.87	4505.00	2029.00	11025.00	39.07	497.20
3/4/2003	92.36	4505.00	2036.00	11006.00	40.05	491.50
3/3/2003	93.14	4505.00	2055.00	11055.00	39.95	500.60
2/28/2003	92.57	4505.00	2106.00	11008.00	40.15	498.50
2/27/2003	91.79	4505.00	2128.00	11060.00	40.88	492.80
2/26/2003	90.55	4501.00	2146.00	11053.00	41.19	489.80
2/25/2003	90.00	4501.00	2137.00	10865.00	40.45	488.50
2/24/2003	89.45	4501.00	2163.00	10815.00	41.52	490.20
2/21/2003	90.34	4525.00	2172.00	10980.00	41.15	487.70
2/20/2003	90.67	4525.00	2158.00	11013.00	40.59	486.00
2/19/2003	89.97	4500.00	2141.00	11075.00	40.00	485.20
2/18/2003	90.29	4505.00	2122.00	11100.00	40.25	479.90
2/17/2003	89.90	4400.00	2112.00	11103.00	39.85	477.10
2/14/2003	89.37	4400.00	2090.00	11020.00	39.24	477.70
2/13/2003	91.74	4400.00	2085.00	10956.00	38.56	478.20
2/12/2003	90.72	4450.00	2088.00	10920.00	38.20	478.40
2/11/2003	90.46	4450.00	2103.00	10880.00	38.25	463.70
2/10/2003	89.42	4500.00	2093.00	10641.00	38.25	459.60
2/7/2003	88.80	4500.00	2091.00	10771.00	38.10	463.20
2/5/2003	88.83	4580.00	2113.00	10826.00	38.64	463.80
2/4/2003	87.75	4330.00	2092.00	10808.00	38.39	463.30
2/3/2003	88.92	4330.00	2109.00	10801.00	37.97	464.00
1/31/2003	88.14	4330.00	2060.00	10465.00	37.72	466.40
1/30/2003	89.09	4330.00	2070.00	10475.00	37.79	471.70
1/29/2003	89.34	4330.00	2029.00	10586.00	37.90	472.50
1/28/2003	90.22	4330.00	2050.00	10821.00	38.37	474.60
1/27/2003	90.59	4310.00	2036.00	10799.00	38.10	478.90
1/24/2003	89.24	4310.00	2069.00	10850.00	36.89	476.80
1/23/2003	90.79	4300.00	2088.00	10850.00	36.08	480.40
1/22/2003	91.00	4200.00	2157.00	10841.00	35.22	483.40
1/21/2003	91.90	4100.00	2186.00	10880.00	35.39	482.30
1/20/2003	91.85	4100.00	2220.00	10830.00	35.39	479.90
1/17/2003	91.44	4100.00	2260.00	10776.00	34.69	479.80
1/16/2003	92.15	4100.00	2302.00	10940.00	34.71	479.20
1/15/2003	92.70	4100.00	2248.00	10996.00	34.79	476.80
1/14/2003	92.61	4100.00	2213.00	11080.00	34.79	478.20
1/13/2003	91.19	4100.00	2188.00	11093.00	33.87	475.90
1/10/2003	89.80	4100.00	2164.00	11100.00	34.79	477.90
1/9/2003	90.29	4100.00	2165.00	11226.00	34.74	476.30
1/8/2003	90.25	4100.00	2153.00	11211.00	34.62	476.60
1/7/2003	91.95	4100.00	2182.00	11201.00	34.77	471.60
1/6/2003	91.24	4100.00	2196.00	11206.00	34.99	475.40
1/3/2003	91.39	4100.00	2163.00	11478.00	34.84	470.90

1/2/2003	92.37	4100.00	2118.00	11432.00	34.96	472.90
12/30/2002	92.47	4100.00	2078.00	11151.00	34.59	465.30
12/27/2002	91.90	4100.00	2007.00	11131.00	33.63	468.80
12/23/2002	90.84	4100.00	1984.00	11120.00	33.59	465.60
12/20/2002	90.54	4100.00	1939.00	11068.00	32.95	469.50
12/19/2002	91.62	4100.00	1926.00	10951.00	34.50	467.70
12/18/2002	89.20	4100.00	1900.00	10465.00	33.80	469.90
12/17/2002	90.50	4100.00	1955.00	10280.00	34.79	468.40
12/16/2002	94.22	4150.00	2004.00	10756.00	34.84	469.00
12/13/2002	93.80	4150.00	2043.00	10791.00	34.84	473.80
12/12/2002	91.67	4200.00	2099.00	10975.00	34.76	473.30
12/11/2002	92.91	4100.00	2103.00	11055.00	34.84	474.90
12/10/2002	91.54	4100.00	2110.00	11113.00	34.84	483.40
12/9/2002	89.65	4100.00	2057.00	11011.00	34.74	483.10
12/6/2002	88.65	4100.00	1970.00	10970.00	34.54	476.60
12/5/2002	90.54	4100.00	2010.00	11201.00	35.33	471.30
12/4/2002	86.85	4100.00	1990.00	11130.00	34.79	465.10
12/3/2002	88.44	4100.00	2066.00	11300.00	34.74	463.30
12/2/2002	90.64	4100.00	2161.00	11290.00	35.39	464.20
11/29/2002	91.80	4100.00	2122.00	11206.00	36.07	469.60
11/28/2002	92.27	4080.00	2138.00	11151.00	36.12	468.90
11/27/2002	93.41	4080.00	2141.00	11242.00	35.75	467.90
11/26/2002	93.24	4080.00	2075.00	11173.00	35.60	465.00
11/25/2002	94.05	4080.00	2065.00	11308.00	36.54	460.70
11/22/2002	95.08	4080.00	2054.00	11638.00	35.44	453.20
11/21/2002	94.30	4200.00	2059.00	11726.00	35.29	452.90
11/20/2002	93.75	4200.00	2038.00	11552.00	33.90	452.50
11/19/2002	92.87	4200.00	2005.00	11550.00	33.69	453.40
11/18/2002	93.34	4200.00	2093.00	11411.00	33.54	449.30
11/15/2002	93.49	4200.00	2079.00	11351.00	33.44	452.60
11/14/2002	94.76	4200.00	2061.00	11371.00	33.59	464.10
11/13/2002	94.15	4200.00	1976.00	11201.00	33.87	465.20
11/12/2002	93.49	4100.00	1946.00	11480.00	33.87	465.70
11/11/2002	93.74	4100.00	1924.00	11625.00	33.80	464.90
11/8/2002	92.77	4100.00	1916.00	11695.00	33.85	462.60
11/7/2002	89.55	4100.00	1931.00	11475.00	33.95	459.50
11/6/2002	89.90	4100.00	1890.00	11100.00	34.69	451.20
11/5/2002	89.29	4210.00	1890.00	11156.00	34.46	459.10
11/4/2002	88.05	4210.00	1901.00	11475.00	33.79	449.80
11/1/2002	86.95	4210.00	1946.00	11116.00	32.94	455.30
10/31/2002	87.09	4210.00	1967.00	11255.00	32.64	466.80
10/30/2002	86.39	4210.00	1893.00	11046.00	32.71	464.20
10/29/2002	88.25	4210.00	1852.00	11001.00	32.87	463.90
10/25/2002	86.97	4210.00	1820.00	10865.00	33.61	465.60
10/24/2002	90.10	4210.00	1854.00	10895.00	33.89	454.90
10/23/2002	90.99	4210.00	1835.00	11176.00	33.85	460.30
10/22/2002	92.64	4200.00	1782.00	11280.00	34.69	458.70
10/21/2002	91.69	4200.00	1734.00	11201.00	34.07	454.60
10/18/2002	90.69	4200.00	1689.00	11141.00	34.24	448.40
10/17/2002	90.34	4200.00	1724.00	11211.00	34.64	444.30
10/16/2002	89.44	4200.00	1696.00	11552.00	34.79	448.80
10/15/2002	90.74	4200.00	1689.00	11573.00	34.59	449.90
10/14/2002	89.24	4200.00	1620.00	11345.00	33.64	447.00
10/11/2002	90.74	4200.00	1626.00	11250.00	33.74	440.20
10/10/2002	89.95	4300.00	1602.00	11161.00	32.75	440.40
10/9/2002	88.75	4300.00	1586.00	11120.00	33.74	439.10



10/8/2002	90.60	4300.00	1624.00	11145.00	34.39	438.20
10/7/2002	91.74	4300.00	1641.00	11520.00	34.94	438.10
10/4/2002	93.27	4300.00	1663.00	11735.00	34.80	434.90
10/3/2002	93.29	4300.00	1677.00	12016.00	35.04	435.40
10/2/2002	94.69	4300.00	1726.00	12655.00	35.68	435.70
10/1/2002	94.69	4300.00	1722.00	12766.00	36.50	434.90
9/30/2002	93.85	4300.00	1737.00	12655.00	36.55	430.70
9/27/2002	94.25	4300.00	1806.00	12310.00	35.00	423.60
9/16/2002	94.48	4300.00	1691.00	11900.00	31.77	429.60
9/13/2002	93.85	4300.00	1641.00	11900.00	31.69	427.60
9/12/2002	94.35	4100.00	1652.00	11948.00	32.10	431.70
9/11/2002	96.74	4100.00	1697.00	11983.00	33.31	432.80
9/10/2002	95.33	4100.00	1699.00	11945.00	32.71	434.60
9/9/2002	93.39	4300.00	1684.00	11700.00	32.61	434.70
9/6/2002	94.50	4100.00	1688.00	11711.00	32.50	430.10
9/5/2002	92.59	4100.00	1638.00	11511.00	30.56	429.50
9/4/2002	92.30	4100.00	1619.00	11206.00	30.77	421.70
9/3/2002	91.89	4100.00	1586.00	10961.00	30.64	423.30
9/2/2002	92.69	4100.00	1614.00	11300.00	30.19	413.80
8/30/2002	94.89	4100.00	1662.00	11439.00	32.24	420.20
8/29/2002	95.55	4100.00	1665.00	11346.00	31.60	410.60
8/28/2002	96.20	4100.00	1676.00	11246.00	31.25	406.90
8/27/2002	97.63	4100.00	1737.00	11485.00	34.20	409.70
8/26/2002	96.99	4100.00	1735.00	11551.00	33.95	412.10
8/23/2002	97.64	4100.00	1721.00	11606.00	35.19	421.20
8/22/2002	97.25	4100.00	1734.00	11640.00	36.49	430.90
8/21/2002	98.84	4100.00	1734.00	11950.00	35.86	440.90
8/20/2002	97.30	4100.00	1712.00	11464.00	35.75	441.20
8/19/2002	97.34	4100.00	1772.00	11530.00	36.25	442.00
8/16/2002	96.10	4300.00	1733.00	10850.00	34.35	450.30
8/12/2002	94.94	4300.00	1776.00	10796.00	33.14	452.50
8/9/2002	93.95	4400.00	1742.00	10721.00	32.20	447.90
8/8/2002	93.85	4400.00	1721.00	10821.00	33.60	439.80
8/7/2002	93.04	4400.00	1675.00	10975.00	35.32	443.20
8/6/2002	91.49	4400.00	1655.00	10616.00	34.84	447.60
8/5/2002	90.67	4400.00	1649.00	10864.00	35.42	442.40
8/2/2002	95.24	4400.00	1694.00	11257.00	36.50	445.60
8/1/2002	95.67	4400.00	1691.00	11060.00	35.20	453.70
7/31/2002	95.25	4400.00	1641.00	11260.00	36.30	448.90
7/30/2002	93.75	4400.00	1504.00	11461.00	34.85	446.00
7/29/2002	89.21	4350.00	1501.00	11034.00	34.33	447.50
7/26/2002	87.90	4350.00	1508.00	10645.00	33.40	437.60
7/25/2002	88.30	4350.00	1520.00	10085.00	33.14	439.70
7/24/2002	86.70	4501.00	1444.00	9675.00	33.30	435.20
7/23/2002	88.10	4200.00	1572.00	9725.00	34.93	443.80
7/22/2002	85.79	4200.00	1569.00	9546.00	35.90	451.40
7/19/2002	86.00	4200.00	1616.00	9641.00	36.38	453.00
7/18/2002	88.10	4200.00	1638.00	9660.00	37.57	454.30
7/17/2002	87.55	4200.00	1619.00	9700.00	39.48	465.30
7/16/2002	83.72	4200.00	1573.00	9320.00	38.94	462.50
7/15/2002	84.54	4200.00	1567.00	9278.00	39.23	459.20
7/12/2002	87.55	4200.00	1571.00	9196.00	38.25	457.20
7/11/2002	87.81	4200.00	1555.00	9001.00	37.74	459.40
7/10/2002	90.87	4200.00	1611.00	9251.00	38.55	453.80
7/9/2002	91.45	4200.00	1633.00	9075.00	38.86	461.60
7/8/2002	86.59	4200.00	1587.00	8830.00	36.20	453.40

7/4/2002	84.94	4200.00	1513.00	8636.00	36.07	455.90
7/3/2002	84.30	4200.00	1500.00	7833.00	37.39	451.70
7/2/2002	80.49	4200.00	1453.00	8115.00	38.43	450.70
7/1/2002	84.64	4302.00	1535.00	8668.00	40.49	445.70
6/28/2002	87.00	4302.00	1508.00	9225.00	40.20	440.10
6/27/2002	89.09	4302.00	1523.00	9491.00	39.64	438.20
6/26/2002	87.09	4302.00	1509.00	9165.00	39.12	448.50
6/25/2002	89.59	4302.00	1546.00	9386.00	40.05	452.10
6/24/2002	90.54	4302.00	1542.00	9475.00	40.50	450.30
6/21/2002	92.40	4302.00	1577.00	9818.00	41.27	433.80
6/20/2002	92.85	4302.00	1574.00	9875.00	41.65	426.70
6/19/2002	93.79	4302.00	1616.00	10143.00	41.80	420.40
6/18/2002	94.20	4302.00	1671.00	10500.00	41.70	418.40
6/17/2002	93.47	4302.00	1697.00	10475.00	41.42	406.60
6/14/2002	89.25	4371.00	1692.00	10490.00	41.60	420.30
6/13/2002	94.64	4371.00	1715.00	10606.00	41.80	412.90
6/12/2002	93.75	4371.00	1712.00	10628.00	41.57	421.10
6/11/2002	94.99	4601.00	1706.00	10601.00	42.25	430.50
6/10/2002	90.24	4601.00	1708.00	10663.00	42.24	428.50
6/7/2002	89.24	4550.00	1713.00	10225.00	42.10	415.80
6/6/2002	87.90	4550.00	1734.00	10260.00	42.30	415.80
6/5/2002	88.69	4482.00	1756.00	10537.00	42.50	424.80
6/4/2002	89.47	4482.00	1751.00	10341.00	42.94	421.00
6/3/2002	90.84	4482.00	1770.00	10120.00	41.27	434.00
5/31/2002	88.04	4482.00	1694.00	10138.00	41.39	435.30
5/30/2002	91.19	4480.00	1772.00	10120.00	40.36	423.20
5/29/2002	94.44	4440.00	1834.00	10171.00	40.54	407.80
5/28/2002	94.29	4440.00	1848.00	9858.00	40.09	400.00
5/27/2002	95.09	4500.00	1864.00	9698.00	40.74	391.20
5/24/2002	92.44	4200.00	1865.00	9359.00	40.25	407.70
5/23/2002	92.54	4200.00	1896.00	9274.00	38.62	412.60
5/22/2002	90.00	4200.00	1871.00	9076.00	38.25	421.90
5/21/2002	88.74	4200.00	1859.00	9053.00	37.24	414.80
5/20/2002	92.37	4000.00	1873.00	9227.00	35.10	426.90
5/17/2002	96.74	4000.00	1901.00	9226.00	34.69	431.50
5/16/2002	97.05	4300.00	1897.00	9120.00	31.80	441.90
5/15/2002	95.26	4300.00	1887.00	8956.00	31.75	444.00
5/14/2002	96.60	4300.00	1901.00	9145.00	32.25	447.60
5/13/2002	98.29	4300.00	1919.00	9270.00	32.60	453.50
5/10/2002	98.64	4300.00	1920.00	9169.00	33.87	454.70
5/9/2002	99.09	4300.00	1857.00	8963.00	31.49	447.80
5/7/2002	93.44	4300.00	1833.00	8596.00	30.92	462.90
5/6/2002	92.52	4300.00	1833.00	8455.00	30.00	459.20
5/3/2002	90.24	4300.00	1818.00	8340.00	29.80	461.10
5/2/2002	85.16	4300.00	1808.00	8335.00	29.45	455.90
4/30/2002	82.27	4158.00	1760.00	8285.00	29.14	453.90
4/29/2002	81.19	4158.00	1797.00	8361.00	30.89	457.00
4/26/2002	81.34	4158.00	1818.00	8268.00	31.37	460.00
4/25/2002	80.72	3850.00	1734.00	7996.00	31.44	459.90
4/24/2002	80.57	3850.00	1708.00	7900.00	31.14	467.90
4/23/2002	81.37	3850.00	1713.00	7883.00	32.50	451.40
4/22/2002	80.99	3850.00	1672.00	7706.00	29.50	456.50
4/19/2002	81.07	3850.00	1663.00	7678.00	29.59	465.20
4/18/2002	80.74	3850.00	1726.00	7573.00	29.72	466.80
4/17/2002	81.89	3800.00	1803.00	7848.00	30.24	470.70
4/16/2002	81.32	3800.00	1789.00	7951.00	29.90	464.10

4/15/2002	81.14	3675.00	1829.00	7573.00	29.34	467.50
4/12/2002	80.89	3500.00	1744.00	7576.00	29.19	464.90
4/11/2002	80.90	3500.00	1722.00	7575.00	29.15	465.70
4/10/2002	83.80	3500.00	1758.00	7588.00	28.30	467.40
4/9/2002	84.34	3500.00	1742.00	7576.00	29.50	473.30
4/5/2002	80.49	3500.00	1637.00	7555.00	28.60	472.30
4/4/2002	80.19	3500.00	1589.00	7431.00	28.25	468.00
4/3/2002	78.79	3500.00	1575.00	7475.00	28.36	470.20
4/2/2002	77.19	3500.00	1577.00	7326.00	28.44	476.30
3/29/2002	76.59	3500.00	1584.00	8250.00	29.76	479.40
3/28/2002	76.60	3500.00	1551.00	8249.00	30.17	473.50
3/27/2002	74.52	3500.00	1502.00	8285.00	30.74	465.10
3/26/2002	74.42	3500.00	1516.00	8310.00	30.84	461.50
3/25/2002	74.59	3500.00	1518.00	8470.00	31.02	461.60
3/22/2002	73.84	3500.00	1549.00	8456.00	30.86	459.20
3/21/2002	74.15	3500.00	1429.00	8456.00	31.24	448.60
3/20/2002	74.00	3500.00	1435.00	8410.00	31.04	450.20
3/19/2002	73.90	3500.00	1418.00	8425.00	30.17	458.10
3/18/2002	76.75	3500.00	1433.00	8463.00	30.84	450.60
3/15/2002	75.75	3500.00	1430.00	8440.00	30.53	445.30
3/14/2002	76.70	3600.00	1424.00	8411.00	31.72	444.20
3/13/2002	79.80	3600.00	1415.00	8320.00	30.44	441.90
3/12/2002	78.88	3600.00	1421.00	8298.00	29.85	443.10
3/11/2002	81.85	3600.00	1437.00	8341.00	30.30	445.30
3/8/2002	80.84	3899.00	1450.00	8330.00	31.04	451.80
3/7/2002	79.40	3899.00	1429.00	8216.00	29.60	449.00
3/6/2002	78.15	3899.00	1381.00	8046.00	29.29	447.10
3/5/2002	76.59	3899.00	1400.00	8025.00	30.10	440.20
3/4/2002	74.37	3899.00	1398.00	8020.00	30.00	440.70
3/1/2002	72.84	3850.00	1382.00	7996.00	30.04	448.50
2/28/2002	73.59	3850.00	1302.00	7982.00	30.25	448.40
2/27/2002	73.59	3600.00	1284.00	8055.00	31.35	433.90
2/26/2002	72.69	3600.00	1286.00	8071.00	33.20	428.20
2/25/2002	71.76	3600.00	1251.00	8065.00	33.75	427.20
2/22/2002	70.64	3600.00	1246.00	8048.00	32.62	425.00
2/20/2002	73.98	3600.00	1307.00	8126.00	33.09	428.70
2/19/2002	72.61	3600.00	1249.00	8140.00	32.29	431.60
2/18/2002	72.04	3600.00	1235.00	8141.00	30.42	426.50
2/15/2002	71.39	3600.00	1246.00	8126.00	30.35	422.90
2/14/2002	76.27	3600.00	1262.00	8144.00	31.87	426.70
2/13/2002	79.38	3600.00	1230.00	8145.00	32.60	429.40
2/12/2002	78.44	3600.00	1220.00	8148.00	34.34	415.90
2/11/2002	78.50	3669.00	1197.00	8145.00	37.55	418.40
2/8/2002	79.89	3669.00	1201.00	8133.00	37.90	420.90
2/7/2002	77.65	3669.00	1199.00	8108.00	37.95	432.30
2/6/2002	79.09	3669.00	1209.00	8080.00	38.74	434.70
2/5/2002	81.14	3862.00	1204.00	8140.00	40.40	439.40
2/4/2002	81.04	3504.00	1229.00	8136.00	40.30	440.00
2/1/2002	81.10	3091.00	1254.00	8151.00	40.84	434.60
1/31/2002	82.25	3091.00	1271.00	8205.00	41.04	437.60
1/30/2002	79.56	2944.00	1236.00	8085.00	39.70	439.90
1/29/2002	79.25	2944.00	1274.00	8085.00	40.44	436.30
1/28/2002	79.27	3200.00	1293.00	7920.00	40.39	424.90
1/25/2002	78.90	3200.00	1289.00	7884.00	40.64	423.40
1/24/2002	79.04	3200.00	1299.00	7776.00	40.54	423.70
1/23/2002	78.54	3200.00	1253.00	7703.00	41.29	419.90

1/22/2002	76.82	3200.00	1246.00	7752.00	42.10	416.10
1/21/2002	75.59	3200.00	1194.00	7753.00	41.75	417.70
1/18/2002	75.25	3200.00	1182.00	7765.00	42.64	415.30
1/17/2002	77.14	3200.00	1174.00	7776.00	42.54	413.90
1/16/2002	77.19	3200.00	1141.00	7760.00	41.75	405.70
1/15/2002	78.74	3200.00	1131.00	7723.00	41.78	416.10
1/14/2002	80.65	2975.00	1140.00	7806.00	41.75	404.70
1/11/2002	82.84	2975.00	1160.00	7774.00	42.35	399.80
1/10/2002	80.29	2975.00	1134.00	7740.00	40.35	397.60
1/9/2002	77.80	2975.00	1119.00	7730.00	40.93	407.70
1/8/2002	75.10	2975.00	1084.00	7723.00	37.85	408.10
1/7/2002	76.45	2975.00	1093.00	7745.00	39.52	409.10

**skutečná míra inflace v%**

	1	2	3	4	5	6	7
<b>2002</b>	3.7	3.9	3.7	3.2	2.5	1.2	0.6
<b>2003</b>	-0.4	-0.4	-0.4	-0.1	0	0.3	-0.1
<b>2004</b>	2.3	2.3	2.5	2.3	2.7	2.9	3.2

**očekávaná míra inflace v%**

100

<b>2002</b>	4.2	4	4.1	4.6	5	5.5	5.9
<b>2003</b>	3.5	2.8	2.5	2.5	2.4	2.2	1.1
<b>2004</b>	3.4	3.7	3.8	3.4	3.7	4.1	3.9

**Úloha:**

1. Vypočítat čtvrtletní výnosnost a riziko portfolia, je-li zakázán, nebo povolen prodej NRi

sk.inf.

<b>2002</b>	0.037667	0.023	0.006667	0.005667	
<b>2003</b>	-0.004	0.000667	-0.00067	0.008	
<b>2004</b>	0.023667	0.026333	0.032	0.030667	<b>0.028167</b>

oček.inf.

<b>2002</b>	0.041	0.050333	0.053667	0.042333	
<b>2003</b>	0.029333	0.023667	0.012333	0.019333	
<b>2004</b>	0.036333	0.037333	0.040333	0.042333	<b>0.039083</b>

	ČEZ	ČP	KB	PM	Unipetrol	PX
<b>2004-1</b>	0.1730691	0.3333333333	0.146755	0.087428	0.111972	0.003348
<b>2</b>	0.1600583	-0.004484305	-0.03472	-0.00338	-0.02786	0.048615
<b>3</b>	0.4039956	0.113063063	0.13633	-0.0265	0.113665	0.13194
<b>4</b>	0.2299639	0.186046512	0.079868	0.133437	0.113758	0.14603
<b>průměr</b>	<b>0.2417717</b>	<b>0.156989651</b>	<b>0.082058</b>	<b>0.047746</b>	<b>0.077883</b>	<b>0.082483</b>
<b>var(i)</b>	<b>0.0126177</b>	<b>0.019981593</b>	<b>0.006925</b>	<b>0.005681</b>	<b>0.004971</b>	<b>0.004631</b>
sigma(iM)	0.0038693	-0.00220303	0.000345	9.11E-05	0.001233	0.003473
<b>beta i</b>	0.8354753	-0.475692668	0.074511	0.019668	0.266303	0.75

Rf **2,58% p.a.**

**0.0063885** ef.úrok.sazba **0.025554** čtvrtletí

**0.00645** prosté dělení **0.0258** čtvrtletí

Ri - Rf 0.2353217 0.150539651 0.075608 0.041296 0.071433 0.076033

(Ri - Rf)/Bi 0.2816621 -0.316464097 1.014711 2.099669 0.268239

sigma^2Ei 0.009385 0.018933628 0.006899 0.00568 0.004642























rf

p.a. %  
2.58

výnosnost  
čtvrtletní

0.645

8	9	10	11	12
0.6	0.8	0.6	0.5	0.6
-0.1	0	0.4	1	1
3.4	3	3.5	2.9	2.8

5.5	4.7	4.4	4.2	4.1
1.4	1.2	1.4	1.9	2.5
4.1	4.1	4.4	4.3	4

aj nakrátko