

Portfolio: 2. Emini Reaper
Portfolio Settings

Starting Equity: \$10,000.00

Results includes Round Turn Comission of \$10/Contract incl. 2 Ticks Slippage

Position Sizing Settings & Rules

MS	Sizing Method	Parameters
1	Fixed Ratio	Initial = 1 contracts, Delta = \$25,000.00, Delta Frac = 1.000
2	Fixed Ratio	Initial = 1 contracts, Delta = \$25,000.00, Delta Frac = 1.000
3	Fixed Ratio	Initial = 1 contracts, Delta = \$25,000.00, Delta Frac = 1.000

	All Trades	Long	Short
Total Net Profit	\$29,950.00	\$13,985.00	\$15,965.00
Gross Profit	\$63,655.00	\$31,802.50	\$31,852.50
Gross Loss	(\$33,705.00)	(\$17,817.50)	(\$15,887.50)
Profit Factor	1.889	1.785	2.005
Pessimistic Return Ratio	1.608	1.424	1.595
Trading Period	1/22/2009 9:32:00 AM to 4/25/2012 11:08:00 AM (3 years 93 days)		
Starting Account Equity	\$10,000.00		
Highest Closed Trade Equity	\$41,085.00		
Lowest Closed Trade Equity	\$9,790.00		
Additions to Equity	\$0.00		
Withdrawals From Equity	\$0.00		
Final Account Equity	\$39,950.00		
Return on Starting Equity	299.5%		
Total Number of Trades	316	161	155
Number of Winning Trades	191	100	91
Number of Losing Trades	125	61	64
Trades Not Taken	0	0	0
Percent Profitable	60.44%	62.11%	58.71%
Max Position Size	2	2	2
Minimum Position Size	1	1	1
Average Position Size	1	1	1
Largest Winning Trade	\$990.00	\$970.00	\$990.00
/Percent of Equity	2.469%	2.658%	2.469%
Largest Winning Trade (%)	5.341%	5.341%	4.795%
/Trade Value	\$630.00	\$630.00	\$515.00
Average Winning Trade	\$333.27	\$318.03	\$350.03
Average Winning Trade (%)	1.391%	1.256%	1.539%
Average R-Multiple, Wins	0.0063		
Average Length of Wins	2 hours 3 min	2 hours 13 min	1 hours 52 min
Max Number Consecutive Wins	12	10	9

Largest Losing Trade	(\$920.00)	(\$920.00)	(\$820.00)
/Percent of Equity	-2.551%	-2.551%	-2.184%
Largest Losing Trade (%)	-3.533%	-3.033%	-3.533%
/Trade Value	(\$385.00)	(\$335.00)	(\$385.00)
Average Losing Trade	(\$269.64)	(\$292.09)	(\$248.24)
Average Losing Trade (%)	-0.9860%	-0.9838%	-0.9881%
Average R-Multiple, Losses	0.0042		
Average Length of Losses	46 min 27 sec	45 min 39 sec	47 min 13 sec
Max Number Consecutive Losses	8	6	5
Average Trade (Expectation)	\$94.78	\$86.86	\$103.00
Average Trade (%)	0.4508%	0.4077%	0.4957%
Trade Standard Deviation	\$366.41	\$371.86	\$361.69
Trade Standard Deviation (%)	1.529%	1.435%	1.625%
Win/Loss Ratio	1.236	1.089	1.410
Win/Loss Ratio (%/%)	1.411	1.277	1.558
Return/Drawdown Ratio	26.25	7.833	18.29
Modified Sharpe Ratio	0.2948	0.2840	0.3051
Sharpe Ratio	0.5949		
Average Risk	\$65,725.45		
Average Risk (%)	230.8%		
Average R-Multiple (Expectancy)	0.0021		
R-Multiple Standard Deviation	0.0065		
Average Margin	\$0.00		
Average Margin (%)	0.000%		
Max Margin (%)	0.000%		
/Margin Value	\$0.00		
Date of Max Margin			
Average Leverage	0.2043		
Risk of Ruin	0.0000%		
Average Annual Profit/Loss	\$9,200.05		
Ave Annual Compounded Return	53.03%		
Average Monthly Profit/Loss	\$766.67		
Ave Monthly Compounded Return	3.609%		
Average Weekly Profit/Loss	\$175.29		
Ave Weekly Compounded Return	0.8139%		
Average Daily Profit/Loss	\$25.19		
Ave Daily Compounded Return	0.1166%		

Closed Trade Drawdowns	All Trades	Long	Short
Number of Drawdowns	31	16	20
Average Drawdown	(\$776.53)	(\$795.16)	(\$667.25)
Average Drawdown (%)	2.932%	3.847%	3.555%
Average Length of Drawdowns	24 days 4 hours	40 days 9 hours	40 days 23 hours
Average Trades in Drawdowns	6	6	5
Worst Case Drawdown	(\$4,377.50)	(\$4,652.50)	(\$2,015.00)
/Percent of Equity	11.41%	17.85%	8.400%
Date at Trough	11/16/2011 9:53:00 AM	11/10/2011 10:00:00 AM	10/17/2011 9:39:00 AM

There is a substantial risk of loss in futures trading. Past performance is not indicative of future results. Please read full disclaimer on last page.

Trade Number at Trough	274	273	254
Length of Drawdown	44 days 1 hours	182 days 1 hours	72 days 1 hours
Trades in Drawdown	29	33	21
Worst Case Drawdown (%)	11.41%	17.85%	8.729%
/Equity Value	(\$4,377.50)	(\$4,652.50)	(\$1,977.50)
Date at Trough	11/16/2011 9:53:00 AM	11/10/2011 10:00:00 AM	8/8/2011 9:35:00 AM
Trade Number at Trough	274	273	206
Length of Drawdown	44 days 1 hours	182 days 1 hours	42 days 20 min
Trades in Drawdown	29	33	14
Longest Drawdown	134 days 1 hours	182 days 1 hours	210 days 17 min
Start of Drawdown	12/13/2011 9:32:00 AM	10/26/2011 9:32:00 AM	8/12/2010 9:32:00 AM
End of Drawdown	4/25/2012 11:08:00 AM	4/25/2012 11:08:00 AM	3/10/2011 9:49:00 AM
Percent of Equity	3.834%	17.85%	3.789%

Annual Returns

Year	Net Profit	Add/With	End Equity	Return(%)	Drawdown(%)	Trades	Wins(%)	P Fac	Sharpe
2012	(\$360.00)	\$0.00	\$39,950.00	-0.8931	2.915	22	50.00	0.8816	-0.1817
2011	\$9,322.50	\$0.00	\$40,310.00	30.08	11.41	143	56.64	1.440	0.5869
2010	\$10,537.50	\$0.00	\$30,987.50	51.53	3.204	67	67.16	3.561	0.9334
2009	\$10,450.00	\$0.00	\$20,450.00	104.5	8.291	84	64.29	2.944	0.6389
Ave	\$7,487.50	\$0.00	\$32,924.38	46.30	6.455	79.00	59.52	2.207	0.4944
SD	\$5,260.84	\$0.00	\$9,367.82	44.36	4.124	50.05	7.747	1.254	0.4758

Monthly Returns

Month	Net Profit	Add/With	End Equity	Return(%)	Drawdown(%)	Trades	Wins(%)	P Fac
4-2012	(\$80.00)	\$0.00	\$39,950.00	-0.1999	2.915	10	50.00	0.9448
3-2012	\$205.00	\$0.00	\$40,030.00	0.5148	0.4245	5	60.00	2.206
2-2012	\$315.00	\$0.00	\$39,825.00	0.7973	0.8465	3	66.67	1.926
1-2012	(\$800.00)	\$0.00	\$39,510.00	-1.985	2.661	4	25.00	0.2593
12-2011	\$1,060.00	\$0.00	\$40,310.00	2.701	3.785	10	50.00	1.458
11-2011	\$3,410.00	\$0.00	\$39,250.00	9.515	5.155	21	66.67	2.443
10-2011	\$245.00	\$0.00	\$35,840.00	0.6883	8.392	16	56.25	1.066
9-2011	\$460.00	\$0.00	\$35,595.00	1.309	7.088	20	55.00	1.123
8-2011	(\$1,032.50)	\$0.00	\$35,135.00	-2.855	6.207	29	44.83	0.7569
7-2011	(\$1,025.00)	\$0.00	\$36,167.50	-2.756	4.854	10	40.00	0.5941
6-2011	\$1,115.00	\$0.00	\$37,192.50	3.091	2.084	7	57.14	2.448
5-2011	(\$775.00)	\$0.00	\$36,077.50	-2.103	2.103	4	25.00	0.0373
4-2011	\$2,147.50	\$0.00	\$36,852.50	6.188	0.4898	9	77.78	13.63
3-2011	\$2,312.50	\$0.00	\$34,705.00	7.139	0.5025	13	69.23	5.534
2-2011	\$685.00	\$0.00	\$32,392.50	2.160	0.000	2	100.0	100.0
1-2011	\$720.00	\$0.00	\$31,707.50	2.324	0.000	2	100.0	100.0
12-2010	\$952.50	\$0.00	\$30,987.50	3.171	0.5456	4	75.00	6.603
11-2010	\$1,625.00	\$0.00	\$30,035.00	5.720	1.174	10	70.00	5.779
10-2010	\$320.00	\$0.00	\$28,410.00	1.139	0.5948	3	66.67	2.882
9-2010	\$705.00	\$0.00	\$28,090.00	2.574	0.3933	3	66.67	7.409
8-2010	\$1,747.50	\$0.00	\$27,385.00	6.816	2.184	10	80.00	3.877
7-2010	\$487.50	\$0.00	\$25,637.50	1.938	2.021	6	50.00	1.956
6-2010	\$342.50	\$0.00	\$25,150.00	1.381	3.204	10	50.00	1.297
5-2010	\$3,027.50	\$0.00	\$24,807.50	13.90	0.8215	14	78.57	6.767

2-2010	\$755.00	\$0.00	\$21,780.00	3.591	2.365	5	40.00	2.431
1-2010	\$575.00	\$0.00	\$21,025.00	2.812	0.000	2	100.0	100.0
12-2009	\$210.00	\$0.00	\$20,450.00	1.038	0.0494	3	33.33	22.00
11-2009	\$1,070.00	\$0.00	\$20,240.00	5.582	0.000	5	100.0	100.0
10-2009	\$55.00	\$0.00	\$19,170.00	0.2877	0.9417	3	33.33	1.306
8-2009	(\$220.00)	\$0.00	\$19,115.00	-1.138	3.137	10	60.00	0.7507
7-2009	\$2,395.00	\$0.00	\$19,335.00	14.14	0.000	5	100.0	100.0
6-2009	\$1,802.50	\$0.00	\$16,940.00	11.91	0.000	4	100.0	100.0
5-2009	\$270.00	\$0.00	\$15,137.50	1.816	2.304	6	50.00	1.788
4-2009	\$1,015.00	\$0.00	\$14,867.50	7.327	5.046	14	64.29	2.057
3-2009	\$3,395.00	\$0.00	\$13,852.50	32.46	6.783	18	61.11	3.009
2-2009	(\$760.00)	\$0.00	\$10,457.50	-6.775	6.775	9	33.33	0.3091
1-2009	\$1,217.50	\$0.00	\$11,217.50	12.17	2.100	7	85.71	6.798
Ave	\$809.46	\$0.00	\$27,962.97	4.011	2.377	8.541	63.29	19.23
SD	\$1,142.76	\$0.00	\$9,286.49	6.741	2.391	6.185	22.17	36.26

Weekly Returns

Week	Net Profit	Add/With	End Equity	Return(%)	Drawdown(%)	Trades	Wins(%)	P Fac
4/22/2012	(\$30.00)	\$0.00	\$39,950.00	-0.0750	0.8504	3	66.67	0.9118
4/15/2012	(\$330.00)	\$0.00	\$39,980.00	-0.8187	0.8435	2	50.00	0.0294
4/8/2012	(\$510.00)	\$0.00	\$40,310.00	-1.249	1.862	3	33.33	0.3289
4/1/2012	\$790.00	\$0.00	\$40,820.00	1.974	0.0245	2	50.00	80.00
3/18/2012	\$175.00	\$0.00	\$40,030.00	0.4391	0.4245	4	50.00	2.029
3/4/2012	\$30.00	\$0.00	\$39,855.00	0.0753	0.000	1	100.0	100.0
2/12/2012	(\$340.00)	\$0.00	\$39,825.00	-0.8465	0.8465	1	0.000	0.000
1/29/2012	(\$285.00)	\$0.00	\$40,165.00	-0.7046	2.324	4	50.00	0.6968
1/8/2012	(\$140.00)	\$0.00	\$40,450.00	-0.3449	0.3449	1	0.000	0.000
1/1/2012	\$280.00	\$0.00	\$40,590.00	0.6946	0.000	1	100.0	100.0
12/18/2011	\$780.00	\$0.00	\$40,310.00	1.973	0.000	1	100.0	100.0
12/11/2011	\$710.00	\$0.00	\$39,530.00	1.829	3.785	6	50.00	1.457
12/4/2011	(\$430.00)	\$0.00	\$38,820.00	-1.096	1.096	3	33.33	0.4342
11/27/2011	\$3,140.00	\$0.00	\$39,250.00	8.696	0.000	6	100.0	100.0
11/20/2011	\$2,117.50	\$0.00	\$36,110.00	6.229	0.000	4	100.0	100.0
11/13/2011	(\$170.00)	\$0.00	\$33,992.50	-0.4976	0.4976	1	0.000	0.000
11/6/2011	(\$302.50)	\$0.00	\$34,162.50	-0.8777	2.197	6	50.00	0.6059
10/30/2011	(\$685.00)	\$0.00	\$34,465.00	-1.949	3.836	7	57.14	0.5193
10/23/2011	(\$2,970.00)	\$0.00	\$35,150.00	-7.791	7.791	5	0.000	0.000
10/16/2011	(\$250.00)	\$0.00	\$38,120.00	-0.6516	0.8861	2	50.00	0.2647
10/9/2011	\$2,775.00	\$0.00	\$38,370.00	7.796	1.109	6	83.33	7.607
9/25/2011	(\$335.00)	\$0.00	\$35,595.00	-0.9324	0.9599	3	33.33	0.5109
9/18/2011	(\$435.00)	\$0.00	\$35,930.00	-1.196	1.790	6	50.00	0.5445
9/11/2011	(\$1,940.00)	\$0.00	\$36,365.00	-5.065	5.065	5	20.00	0.0762
9/4/2011	\$3,170.00	\$0.00	\$38,305.00	9.022	0.000	6	100.0	100.0
8/28/2011	\$1,212.50	\$0.00	\$35,135.00	3.574	0.000	6	100.0	100.0
8/21/2011	(\$1,000.00)	\$0.00	\$33,922.50	-2.863	2.863	4	0.000	0.000
8/14/2011	\$680.00	\$0.00	\$34,922.50	1.986	0.5601	6	66.67	4.532
8/7/2011	(\$587.50)	\$0.00	\$34,242.50	-1.687	2.541	8	25.00	0.5356
7/31/2011	(\$1,337.50)	\$0.00	\$34,830.00	-3.698	4.949	5	20.00	0.2528
7/24/2011	(\$1,505.00)	\$0.00	\$36,167.50	-3.995	3.995	3	0.000	0.000
7/17/2011	\$470.00	\$0.00	\$37,672.50	1.263	0.8944	3	66.67	2.382
7/10/2011	\$10.00	\$0.00	\$37,202.50	0.0269	0.9142	4	50.00	1.015

6/19/2011	\$580.00	\$0.00	\$37,192.50	1.584	0.000	2	100.0	100.0
6/12/2011	\$545.00	\$0.00	\$36,612.50	1.511	2.084	4	50.00	1.717
6/5/2011	(\$10.00)	\$0.00	\$36,067.50	-0.0277	0.0277	1	0.000	0.000
5/29/2011	(\$340.00)	\$0.00	\$36,077.50	-0.9336	0.9336	1	0.000	0.000
5/22/2011	(\$435.00)	\$0.00	\$36,417.50	-1.180	1.180	3	33.33	0.0645
4/17/2011	\$2,202.50	\$0.00	\$36,852.50	6.356	0.000	6	100.0	100.0
4/10/2011	\$115.00	\$0.00	\$34,650.00	0.3330	0.000	1	100.0	100.0
4/3/2011	(\$170.00)	\$0.00	\$34,535.00	-0.4898	0.4898	2	0.000	0.000
3/27/2011	(\$170.00)	\$0.00	\$34,705.00	-0.4875	0.4875	1	0.000	0.000
3/20/2011	\$1,002.50	\$0.00	\$34,875.00	2.960	0.000	3	100.0	100.0
3/13/2011	\$40.00	\$0.00	\$33,872.50	0.1182	0.5025	5	40.00	1.118
3/6/2011	\$657.50	\$0.00	\$33,832.50	1.982	0.000	2	100.0	100.0
2/27/2011	\$782.50	\$0.00	\$33,175.00	2.416	0.000	2	100.0	100.0
2/20/2011	\$270.00	\$0.00	\$32,392.50	0.8405	0.000	1	100.0	100.0
1/30/2011	\$415.00	\$0.00	\$32,122.50	1.309	0.000	1	100.0	100.0
1/16/2011	\$215.00	\$0.00	\$31,707.50	0.6827	0.000	1	100.0	100.0
1/2/2011	\$505.00	\$0.00	\$31,492.50	1.630	0.000	1	100.0	100.0
12/5/2010	(\$170.00)	\$0.00	\$30,987.50	-0.5456	0.5456	1	0.000	0.000
11/28/2010	\$1,137.50	\$0.00	\$31,157.50	3.789	0.000	4	100.0	100.0
11/21/2010	\$957.50	\$0.00	\$30,020.00	3.295	0.000	3	100.0	100.0
11/14/2010	\$92.50	\$0.00	\$29,062.50	0.3193	1.174	4	50.00	1.272
10/31/2010	\$560.00	\$0.00	\$28,970.00	1.971	0.000	2	50.00	100.0
10/17/2010	(\$170.00)	\$0.00	\$28,410.00	-0.5948	0.5948	1	0.000	0.000
10/10/2010	\$150.00	\$0.00	\$28,580.00	0.5276	0.000	1	100.0	100.0
10/3/2010	\$340.00	\$0.00	\$28,430.00	1.210	0.000	1	100.0	100.0
9/12/2010	\$235.00	\$0.00	\$28,090.00	0.8437	0.000	1	100.0	100.0
9/5/2010	(\$110.00)	\$0.00	\$27,855.00	-0.3933	0.3933	1	0.000	0.000
8/29/2010	\$580.00	\$0.00	\$27,965.00	2.118	0.000	1	100.0	100.0
8/22/2010	\$180.00	\$0.00	\$27,385.00	0.6616	0.000	1	100.0	100.0
8/8/2010	\$915.00	\$0.00	\$27,205.00	3.480	2.184	6	66.67	2.506
8/1/2010	\$652.50	\$0.00	\$26,290.00	2.545	0.000	3	100.0	100.0
7/18/2010	\$577.50	\$0.00	\$25,637.50	2.304	1.357	4	50.00	2.699
7/11/2010	(\$170.00)	\$0.00	\$25,060.00	-0.6738	0.6738	1	0.000	0.000
7/4/2010	\$80.00	\$0.00	\$25,230.00	0.3181	0.000	1	100.0	100.0
6/27/2010	\$530.00	\$0.00	\$25,150.00	2.153	0.000	1	100.0	100.0
6/20/2010	(\$815.00)	\$0.00	\$24,620.00	-3.204	3.204	3	0.000	0.000
6/13/2010	\$280.00	\$0.00	\$25,435.00	1.113	0.000	2	100.0	100.0
6/6/2010	\$517.50	\$0.00	\$25,155.00	2.100	0.6900	3	66.67	4.044
5/30/2010	(\$170.00)	\$0.00	\$24,637.50	-0.6853	0.6853	1	0.000	0.000
5/23/2010	\$847.50	\$0.00	\$24,807.50	3.537	0.000	3	100.0	100.0
5/16/2010	\$687.50	\$0.00	\$23,960.00	2.954	0.7305	3	66.67	5.044
5/9/2010	\$937.50	\$0.00	\$23,272.50	4.197	0.7354	5	80.00	6.515
5/2/2010	\$555.00	\$0.00	\$22,335.00	2.548	0.8215	3	66.67	4.000
2/21/2010	(\$357.50)	\$0.00	\$21,780.00	-1.615	1.615	2	0.000	0.000
2/7/2010	(\$170.00)	\$0.00	\$22,137.50	-0.7621	0.7621	1	0.000	0.000
1/31/2010	\$1,282.50	\$0.00	\$22,307.50	6.100	0.000	2	100.0	100.0
1/17/2010	\$490.00	\$0.00	\$21,025.00	2.386	0.000	1	100.0	100.0
1/3/2010	\$85.00	\$0.00	\$20,535.00	0.4156	0.000	1	100.0	100.0
12/20/2009	\$220.00	\$0.00	\$20,450.00	1.087	0.000	1	100.0	100.0
12/6/2009	\$0.00	\$0.00	\$20,230.00	0.000	0.000	1	0.000	0.000
11/29/2009	(\$10.00)	\$0.00	\$20,230.00	-0.0494	0.0494	1	0.000	0.000
11/22/2009	\$1,070.00	\$0.00	\$20,240.00	5.582	0.000	5	100.0	100.0

10/11/2009	\$55.00	\$0.00	\$19,170.00	0.2877	0.9417	3	33.33	1.306
8/30/2009	\$50.00	\$0.00	\$19,115.00	0.2623	0.000	1	100.0	100.0
8/16/2009	(\$370.00)	\$0.00	\$19,065.00	-1.904	3.137	5	60.00	0.4008
8/9/2009	\$225.00	\$0.00	\$19,435.00	1.171	0.000	1	100.0	100.0
8/2/2009	(\$125.00)	\$0.00	\$19,210.00	-0.6465	1.371	3	33.33	0.5283
7/12/2009	\$1,542.50	\$0.00	\$19,335.00	8.669	0.000	3	100.0	100.0
6/28/2009	\$852.50	\$0.00	\$17,792.50	5.032	0.000	2	100.0	100.0
6/14/2009	\$1,362.50	\$0.00	\$16,940.00	8.747	0.000	3	100.0	100.0
5/31/2009	\$440.00	\$0.00	\$15,577.50	2.907	0.000	1	100.0	100.0
5/17/2009	\$0.00	\$0.00	\$15,137.50	0.000	0.000	1	0.000	0.000
5/10/2009	\$270.00	\$0.00	\$15,137.50	1.816	2.304	5	60.00	1.788
4/26/2009	(\$790.00)	\$0.00	\$14,867.50	-5.046	5.046	4	0.000	0.000
4/19/2009	\$1,020.00	\$0.00	\$15,657.50	6.968	0.000	2	100.0	100.0
4/12/2009	\$135.00	\$0.00	\$14,637.50	0.9309	0.000	1	100.0	100.0
4/5/2009	\$242.50	\$0.00	\$14,502.50	1.701	0.000	4	100.0	100.0
3/29/2009	\$1,835.00	\$0.00	\$14,260.00	14.77	1.227	6	83.33	11.79
3/22/2009	\$1,427.50	\$0.00	\$12,425.00	12.98	0.000	3	100.0	100.0
3/8/2009	(\$280.00)	\$0.00	\$10,997.50	-2.483	6.783	4	25.00	0.6340
3/1/2009	\$820.00	\$0.00	\$11,277.50	7.841	4.842	8	50.00	1.886
2/22/2009	(\$200.00)	\$0.00	\$10,457.50	-1.877	1.969	2	50.00	0.0476
2/15/2009	(\$472.50)	\$0.00	\$10,657.50	-4.245	4.545	3	33.33	0.0690
2/8/2009	\$235.00	\$0.00	\$11,130.00	2.157	0.5362	2	50.00	4.917
2/1/2009	(\$322.50)	\$0.00	\$10,895.00	-2.875	2.875	2	0.000	0.000
1/25/2009	\$975.00	\$0.00	\$11,217.50	9.519	0.000	5	100.0	100.0
1/18/2009	\$242.50	\$0.00	\$10,242.50	2.425	2.100	2	50.00	2.155
Ave	\$272.27	\$0.00	\$28,008.25	1.327	1.026	2.873	60.03	43.27
SD	\$870.56	\$0.00	\$9,218.99	3.543	1.559	1.858	39.41	48.92

Daily Returns

Day	Net Profit	Add/With	End Equity	Return(%)	Drawdown(%)	Trades	Wins(%)	P Fac
4/25/2012	\$270.00	\$0.00	\$39,950.00	0.6804	0.000	1	100.0	100.0
4/23/2012	(\$300.00)	\$0.00	\$39,680.00	-0.7504	0.8504	2	50.00	0.1176
4/16/2012	(\$330.00)	\$0.00	\$39,980.00	-0.8187	0.8435	2	50.00	0.0294
4/11/2012	\$250.00	\$0.00	\$40,310.00	0.6241	0.000	1	100.0	100.0
4/9/2012	(\$760.00)	\$0.00	\$40,060.00	-1.862	1.862	2	0.000	0.000
4/4/2012	\$790.00	\$0.00	\$40,820.00	1.974	0.0245	2	50.00	80.00
3/22/2012	\$155.00	\$0.00	\$40,030.00	0.3887	0.000	1	100.0	100.0
3/20/2012	\$20.00	\$0.00	\$39,875.00	0.0502	0.4245	3	33.33	1.118
3/6/2012	\$30.00	\$0.00	\$39,855.00	0.0753	0.000	1	100.0	100.0
2/13/2012	(\$340.00)	\$0.00	\$39,825.00	-0.8465	0.8465	1	0.000	0.000
2/1/2012	\$655.00	\$0.00	\$40,165.00	1.658	0.000	2	100.0	100.0
1/30/2012	(\$940.00)	\$0.00	\$39,510.00	-2.324	2.324	2	0.000	0.000
1/10/2012	(\$140.00)	\$0.00	\$40,450.00	-0.3449	0.3449	1	0.000	0.000
1/3/2012	\$280.00	\$0.00	\$40,590.00	0.6946	0.000	1	100.0	100.0
12/20/2011	\$780.00	\$0.00	\$40,310.00	1.973	0.000	1	100.0	100.0
12/15/2011	(\$1,215.00)	\$0.00	\$39,530.00	-2.982	2.982	2	0.000	0.000
12/13/2011	(\$340.00)	\$0.00	\$40,745.00	-0.8276	0.8276	1	0.000	0.000
12/12/2011	\$2,265.00	\$0.00	\$41,085.00	5.835	0.000	3	100.0	100.0
12/5/2011	(\$430.00)	\$0.00	\$38,820.00	-1.096	1.096	3	33.33	0.4342
11/30/2011	\$2,405.00	\$0.00	\$39,250.00	6.527	0.000	3	100.0	100.0
11/28/2011	\$735.00	\$0.00	\$36,845.00	2.035	0.000	3	100.0	100.0

11/23/2011	\$840.00	\$0.00	\$36,110.00	2.382	0.000	1	100.0	100.0
11/21/2011	\$1,277.50	\$0.00	\$35,270.00	3.758	0.000	3	100.0	100.0
11/16/2011	(\$170.00)	\$0.00	\$33,992.50	-0.4976	0.4976	1	0.000	0.000
11/10/2011	(\$657.50)	\$0.00	\$34,162.50	-1.888	1.888	2	0.000	0.000
11/9/2011	\$345.00	\$0.00	\$34,820.00	1.001	0.3149	3	66.67	4.136
11/8/2011	\$10.00	\$0.00	\$34,475.00	0.0290	0.000	1	100.0	100.0
11/3/2011	(\$695.00)	\$0.00	\$34,465.00	-1.977	2.116	2	50.00	0.0671
11/2/2011	(\$340.00)	\$0.00	\$35,160.00	-0.9577	0.9577	1	0.000	0.000
11/1/2011	(\$340.00)	\$0.00	\$35,500.00	-0.9487	0.9487	1	0.000	0.000
10/31/2011	\$690.00	\$0.00	\$35,840.00	1.963	0.000	3	100.0	100.0
10/27/2011	(\$1,340.00)	\$0.00	\$35,150.00	-3.672	3.672	2	0.000	0.000
10/26/2011	(\$1,630.00)	\$0.00	\$36,490.00	-4.276	4.276	3	0.000	0.000
10/19/2011	\$90.00	\$0.00	\$38,120.00	0.2367	0.000	1	100.0	100.0
10/17/2011	(\$340.00)	\$0.00	\$38,030.00	-0.8861	0.8861	1	0.000	0.000
10/12/2011	\$490.00	\$0.00	\$38,370.00	1.294	1.109	3	66.67	2.167
10/10/2011	\$2,285.00	\$0.00	\$37,880.00	6.419	0.000	3	100.0	100.0
9/29/2011	\$5.00	\$0.00	\$35,595.00	0.0140	0.9599	2	50.00	1.014
9/27/2011	(\$340.00)	\$0.00	\$35,590.00	-0.9463	0.9463	1	0.000	0.000
9/22/2011	(\$20.00)	\$0.00	\$35,930.00	-0.0556	0.8828	2	50.00	0.9375
9/20/2011	(\$340.00)	\$0.00	\$35,950.00	-0.9369	0.9369	1	0.000	0.000
9/19/2011	(\$75.00)	\$0.00	\$36,290.00	-0.2062	0.8063	3	66.67	0.7458
9/15/2011	(\$360.00)	\$0.00	\$36,365.00	-0.9803	1.410	2	50.00	0.3077
9/12/2011	(\$1,580.00)	\$0.00	\$36,725.00	-4.125	4.125	3	0.000	0.000
9/7/2011	\$945.00	\$0.00	\$38,305.00	2.529	0.000	3	100.0	100.0
9/5/2011	\$2,225.00	\$0.00	\$37,360.00	6.333	0.000	3	100.0	100.0
8/31/2011	\$597.50	\$0.00	\$35,135.00	1.730	0.000	3	100.0	100.0
8/29/2011	\$615.00	\$0.00	\$34,537.50	1.813	0.000	3	100.0	100.0
8/25/2011	(\$247.50)	\$0.00	\$33,922.50	-0.7243	0.7243	1	0.000	0.000
8/22/2011	(\$752.50)	\$0.00	\$34,170.00	-2.155	2.155	3	0.000	0.000
8/18/2011	\$747.50	\$0.00	\$34,922.50	2.187	0.000	2	100.0	100.0
8/16/2011	(\$170.00)	\$0.00	\$34,175.00	-0.4950	0.4950	1	0.000	0.000
8/15/2011	\$102.50	\$0.00	\$34,345.00	0.2993	0.0655	3	66.67	5.556
8/11/2011	(\$210.00)	\$0.00	\$34,242.50	-0.6095	0.6095	1	0.000	0.000
8/10/2011	\$507.50	\$0.00	\$34,452.50	1.495	0.4910	3	66.67	3.985
8/9/2011	(\$170.00)	\$0.00	\$33,945.00	-0.4983	0.4983	1	0.000	0.000
8/8/2011	(\$715.00)	\$0.00	\$34,115.00	-2.053	2.053	3	0.000	0.000
8/4/2011	\$242.50	\$0.00	\$34,830.00	0.7011	0.6072	2	50.00	2.155
8/1/2011	(\$1,580.00)	\$0.00	\$34,587.50	-4.369	4.369	3	0.000	0.000
7/25/2011	(\$1,505.00)	\$0.00	\$36,167.50	-3.995	3.995	3	0.000	0.000
7/20/2011	(\$340.00)	\$0.00	\$37,672.50	-0.8944	0.8944	1	0.000	0.000
7/19/2011	\$460.00	\$0.00	\$38,012.50	1.225	0.000	1	100.0	100.0
7/18/2011	\$350.00	\$0.00	\$37,552.50	0.9408	0.000	1	100.0	100.0
7/13/2011	(\$340.00)	\$0.00	\$37,202.50	-0.9056	0.9056	1	0.000	0.000
7/11/2011	\$350.00	\$0.00	\$37,542.50	0.9410	0.9142	3	66.67	2.029
6/23/2011	\$580.00	\$0.00	\$37,192.50	1.584	0.000	2	100.0	100.0
6/15/2011	\$145.00	\$0.00	\$36,612.50	0.3976	2.084	3	33.33	1.191
6/14/2011	\$400.00	\$0.00	\$36,467.50	1.109	0.000	1	100.0	100.0
6/6/2011	(\$10.00)	\$0.00	\$36,067.50	-0.0277	0.0277	1	0.000	0.000
5/31/2011	(\$340.00)	\$0.00	\$36,077.50	-0.9336	0.9336	1	0.000	0.000
5/23/2011	(\$435.00)	\$0.00	\$36,417.50	-1.180	1.180	3	33.33	0.0645
4/20/2011	\$1,240.00	\$0.00	\$36,852.50	3.482	0.000	3	100.0	100.0
4/18/2011	\$962.50	\$0.00	\$35,612.50	2.778	0.000	3	100.0	100.0

4/13/2011	\$115.00	\$0.00	\$34,650.00	0.3330	0.000	1	100.0	100.0
4/6/2011	\$0.00	\$0.00	\$34,535.00	0.000	0.000	1	0.000	0.000
4/5/2011	(\$170.00)	\$0.00	\$34,535.00	-0.4898	0.4898	1	0.000	0.000
3/30/2011	(\$170.00)	\$0.00	\$34,705.00	-0.4875	0.4875	1	0.000	0.000
3/21/2011	\$1,002.50	\$0.00	\$34,875.00	2.960	0.000	3	100.0	100.0
3/17/2011	\$27.50	\$0.00	\$33,872.50	0.0813	0.000	2	50.00	100.0
3/15/2011	(\$170.00)	\$0.00	\$33,845.00	-0.4998	0.4998	1	0.000	0.000
3/14/2011	\$182.50	\$0.00	\$34,015.00	0.5394	0.5025	2	50.00	2.074
3/10/2011	\$657.50	\$0.00	\$33,832.50	1.982	0.000	2	100.0	100.0
3/3/2011	\$782.50	\$0.00	\$33,175.00	2.416	0.000	2	100.0	100.0
2/21/2011	\$270.00	\$0.00	\$32,392.50	0.8405	0.000	1	100.0	100.0
2/1/2011	\$415.00	\$0.00	\$32,122.50	1.309	0.000	1	100.0	100.0
1/17/2011	\$215.00	\$0.00	\$31,707.50	0.6827	0.000	1	100.0	100.0
1/3/2011	\$505.00	\$0.00	\$31,492.50	1.630	0.000	1	100.0	100.0
12/7/2010	(\$170.00)	\$0.00	\$30,987.50	-0.5456	0.5456	1	0.000	0.000
12/1/2010	\$1,122.50	\$0.00	\$31,157.50	3.737	0.000	3	100.0	100.0
11/30/2010	\$15.00	\$0.00	\$30,035.00	0.0500	0.000	1	100.0	100.0
11/24/2010	\$732.50	\$0.00	\$30,020.00	2.501	0.000	2	100.0	100.0
11/23/2010	\$225.00	\$0.00	\$29,287.50	0.7742	0.000	1	100.0	100.0
11/18/2010	\$432.50	\$0.00	\$29,062.50	1.511	0.000	2	100.0	100.0
11/16/2010	(\$170.00)	\$0.00	\$28,630.00	-0.5903	0.5903	1	0.000	0.000
11/15/2010	(\$170.00)	\$0.00	\$28,800.00	-0.5868	0.5868	1	0.000	0.000
11/4/2010	\$560.00	\$0.00	\$28,970.00	1.971	0.000	1	100.0	100.0
11/2/2010	\$0.00	\$0.00	\$28,410.00	0.000	0.000	1	0.000	0.000
10/19/2010	(\$170.00)	\$0.00	\$28,410.00	-0.5948	0.5948	1	0.000	0.000
10/13/2010	\$150.00	\$0.00	\$28,580.00	0.5276	0.000	1	100.0	100.0
10/5/2010	\$340.00	\$0.00	\$28,430.00	1.210	0.000	1	100.0	100.0
9/13/2010	\$235.00	\$0.00	\$28,090.00	0.8437	0.000	1	100.0	100.0
9/9/2010	(\$110.00)	\$0.00	\$27,855.00	-0.3933	0.3933	1	0.000	0.000
9/1/2010	\$580.00	\$0.00	\$27,965.00	2.118	0.000	1	100.0	100.0
8/24/2010	\$180.00	\$0.00	\$27,385.00	0.6616	0.000	1	100.0	100.0
8/12/2010	(\$607.50)	\$0.00	\$27,205.00	-2.184	2.184	2	0.000	0.000
8/11/2010	\$1,347.50	\$0.00	\$27,812.50	5.092	0.000	3	100.0	100.0
8/10/2010	\$175.00	\$0.00	\$26,465.00	0.6657	0.000	1	100.0	100.0
8/2/2010	\$652.50	\$0.00	\$26,290.00	2.545	0.000	3	100.0	100.0
7/22/2010	\$917.50	\$0.00	\$25,637.50	3.712	0.000	2	100.0	100.0
7/21/2010	(\$170.00)	\$0.00	\$24,720.00	-0.6830	0.6830	1	0.000	0.000
7/20/2010	(\$170.00)	\$0.00	\$24,890.00	-0.6784	0.6784	1	0.000	0.000
7/13/2010	(\$170.00)	\$0.00	\$25,060.00	-0.6738	0.6738	1	0.000	0.000
7/6/2010	\$80.00	\$0.00	\$25,230.00	0.3181	0.000	1	100.0	100.0
6/29/2010	\$530.00	\$0.00	\$25,150.00	2.153	0.000	1	100.0	100.0
6/21/2010	(\$815.00)	\$0.00	\$24,620.00	-3.204	3.204	3	0.000	0.000
6/14/2010	\$280.00	\$0.00	\$25,435.00	1.113	0.000	2	100.0	100.0
6/10/2010	\$687.50	\$0.00	\$25,155.00	2.810	0.000	2	100.0	100.0
6/9/2010	(\$170.00)	\$0.00	\$24,467.50	-0.6900	0.6900	1	0.000	0.000
6/1/2010	(\$170.00)	\$0.00	\$24,637.50	-0.6853	0.6853	1	0.000	0.000
5/27/2010	\$772.50	\$0.00	\$24,807.50	3.214	0.000	2	100.0	100.0
5/25/2010	\$75.00	\$0.00	\$24,035.00	0.3130	0.000	1	100.0	100.0
5/20/2010	\$857.50	\$0.00	\$23,960.00	3.712	0.000	2	100.0	100.0
5/18/2010	(\$170.00)	\$0.00	\$23,102.50	-0.7305	0.7305	1	0.000	0.000
5/12/2010	\$325.00	\$0.00	\$23,272.50	1.416	0.000	1	100.0	100.0
5/11/2010	(\$170.00)	\$0.00	\$22,947.50	-0.7354	0.7354	1	0.000	0.000

5/10/2010	\$782.50	\$0.00	\$23,117.50	3.503	0.000	3	100.0	100.0
5/5/2010	(\$150.00)	\$0.00	\$22,335.00	-0.6671	0.8215	2	50.00	0.1892
5/4/2010	\$705.00	\$0.00	\$22,485.00	3.237	0.000	1	100.0	100.0
2/25/2010	(\$357.50)	\$0.00	\$21,780.00	-1.615	1.615	2	0.000	0.000
2/9/2010	(\$170.00)	\$0.00	\$22,137.50	-0.7621	0.7621	1	0.000	0.000
2/4/2010	\$1,282.50	\$0.00	\$22,307.50	6.100	0.000	2	100.0	100.0
1/20/2010	\$490.00	\$0.00	\$21,025.00	2.386	0.000	1	100.0	100.0
1/4/2010	\$85.00	\$0.00	\$20,535.00	0.4156	0.000	1	100.0	100.0
12/21/2009	\$220.00	\$0.00	\$20,450.00	1.087	0.000	1	100.0	100.0
12/8/2009	\$0.00	\$0.00	\$20,230.00	0.000	0.000	1	0.000	0.000
12/1/2009	(\$10.00)	\$0.00	\$20,230.00	-0.0494	0.0494	1	0.000	0.000
11/26/2009	\$787.50	\$0.00	\$20,240.00	4.048	0.000	2	100.0	100.0
11/23/2009	\$282.50	\$0.00	\$19,452.50	1.474	0.000	3	100.0	100.0
10/14/2009	\$55.00	\$0.00	\$19,170.00	0.2877	0.9417	3	33.33	1.306
8/31/2009	\$50.00	\$0.00	\$19,115.00	0.2623	0.000	1	100.0	100.0
8/19/2009	(\$617.50)	\$0.00	\$19,065.00	-3.137	3.137	2	0.000	0.000
8/17/2009	\$247.50	\$0.00	\$19,682.50	1.273	0.000	3	100.0	100.0
8/11/2009	\$225.00	\$0.00	\$19,435.00	1.171	0.000	1	100.0	100.0
8/3/2009	(\$125.00)	\$0.00	\$19,210.00	-0.6465	1.371	3	33.33	0.5283
7/15/2009	\$1,542.50	\$0.00	\$19,335.00	8.669	0.000	3	100.0	100.0
7/2/2009	\$852.50	\$0.00	\$17,792.50	5.032	0.000	2	100.0	100.0
6/15/2009	\$1,362.50	\$0.00	\$16,940.00	8.747	0.000	3	100.0	100.0
6/1/2009	\$440.00	\$0.00	\$15,577.50	2.907	0.000	1	100.0	100.0
5/21/2009	\$0.00	\$0.00	\$15,137.50	0.000	0.000	1	0.000	0.000
5/13/2009	\$612.50	\$0.00	\$15,137.50	4.217	0.000	3	100.0	100.0
5/11/2009	(\$342.50)	\$0.00	\$14,525.00	-2.304	2.304	2	0.000	0.000
4/30/2009	\$0.00	\$0.00	\$14,867.50	0.000	0.000	1	0.000	0.000
4/27/2009	(\$790.00)	\$0.00	\$14,867.50	-5.046	5.046	3	0.000	0.000
4/20/2009	\$1,020.00	\$0.00	\$15,657.50	6.968	0.000	2	100.0	100.0
4/15/2009	\$135.00	\$0.00	\$14,637.50	0.9309	0.000	1	100.0	100.0
4/9/2009	\$192.50	\$0.00	\$14,502.50	1.345	0.000	2	100.0	100.0
4/7/2009	\$25.00	\$0.00	\$14,310.00	0.1750	0.000	1	100.0	100.0
4/6/2009	\$25.00	\$0.00	\$14,285.00	0.1753	0.000	1	100.0	100.0
4/2/2009	\$577.50	\$0.00	\$14,260.00	4.221	0.000	2	100.0	100.0
4/1/2009	(\$170.00)	\$0.00	\$13,682.50	-1.227	1.227	1	0.000	0.000
3/30/2009	\$1,427.50	\$0.00	\$13,852.50	11.49	0.000	3	100.0	100.0
3/23/2009	\$1,427.50	\$0.00	\$12,425.00	12.98	0.000	3	100.0	100.0
3/10/2009	\$485.00	\$0.00	\$10,997.50	4.614	0.000	1	100.0	100.0
3/9/2009	(\$765.00)	\$0.00	\$10,512.50	-6.783	6.783	3	0.000	0.000
3/5/2009	\$242.50	\$0.00	\$11,277.50	2.198	1.903	2	50.00	2.155
3/4/2009	(\$220.00)	\$0.00	\$11,035.00	-1.955	4.842	3	33.33	0.5963
3/2/2009	\$797.50	\$0.00	\$11,255.00	7.626	1.626	3	66.67	5.691
2/26/2009	(\$200.00)	\$0.00	\$10,457.50	-1.877	1.969	2	50.00	0.0476
2/19/2009	(\$507.50)	\$0.00	\$10,657.50	-4.545	4.545	2	0.000	0.000
2/17/2009	\$35.00	\$0.00	\$11,165.00	0.3145	0.000	1	100.0	100.0
2/12/2009	\$235.00	\$0.00	\$11,130.00	2.157	0.5362	2	50.00	4.917
2/2/2009	(\$322.50)	\$0.00	\$10,895.00	-2.875	2.875	2	0.000	0.000
1/29/2009	\$495.00	\$0.00	\$11,217.50	4.616	0.000	2	100.0	100.0
1/28/2009	\$480.00	\$0.00	\$10,722.50	4.686	0.000	3	100.0	100.0
1/22/2009	\$242.50	\$0.00	\$10,242.50	2.425	2.100	2	50.00	2.155
Ave	\$171.14	\$0.00	\$28,540.29	0.8323	0.6947	1.806	57.43	50.43

SD	\$667.20	\$0.00	\$9,238.48	2.789	1.181	0.8421	45.44	49.80
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Dependency Analysis Results for All Trades

Dependency: Positive

Confidence Level: 99.98%

Total Number of Runs: 120

Number of Runs of Wins: 60

Number of Runs of Losses: 60

Average Length of Winning Runs: 3.2

Average Length of Losing Runs: 2.1

Significance Test Settings

Number of rules and/or restrictions in trading system or method: 0

Confidence level for confidence intervals around average trade: 95.00%

Significance Test Results

Number of Trades: 316

Number of Degrees of Freedom: 316

Average trade at 95.00% confidence: \$94.78 +/- 33.91

Worst-case average trade at 95.00% confidence: \$60.87

Probability that average trade is greater than zero: > 99.95%

>Trades pass statistical significance test at specified confidence level<

Correlation Table

Market System

	1	2	3
1	1.000	0.9399	0.9687
2	0.9399	1.000	0.9756
3	0.9687	0.9756	1.000

CFTC RULE 4.41 - HYPOTHETICAL OR SIMULATED PERFORMANCE RESULTS HAVE CERTAIN LIMITATIONS. UNLIKE AN ACTUAL PERFORMANCE RECORD, SIMULATED RESULTS DO NOT REPRESENT ACTUAL TRADING. ALSO, SINCE THE TRADES HAVE NOT BEEN EXECUTED, THE RESULTS MAY HAVE UNDER-OR-OVER COMPENSATED FOR THE IMPACT, IF ANY, OF CERTAIN MARKET FACTORS, SUCH AS LACK OF LIQUIDITY. SIMULATED TRADING PROGRAMS IN GENERAL ARE ALSO SUBJECT TO THE FACT THAT THEY ARE DESIGNED WITH THE BENEFIT OF HINDSIGHT. NO REPRESENTATION IS BEING MADE THAT ANY ACCOUNT WILL OR IS LIKELY TO ACHIEVE PROFIT OR LOSSES SIMILAR TO THOSE SHOWN.

GOVERNMENT REGULATIONS REQUIRE DISCLOSURE OF THE FACT THAT WHILE THESE METHODS MAY HAVE WORKED IN THE PAST, PAST RESULTS ARE NOT NECESSARILY INDICATIVE OF FUTURE RESULTS. WHILE THERE IS A POTENTIAL FOR PROFITS THERE IS ALSO A RISK OF LOSS. A LOSS INCURRED IN CONNECTION WITH TRADING FUTURES CONTRACTS CAN BE SIGNIFICANT. YOU SHOULD THEREFORE CAREFULLY CONSIDER WHETHER SUCH TRADING IS SUITABLE FOR YOU IN LIGHT OF YOUR FINANCIAL CONDITION SINCE ALL SPECULATIVE TRADING IS INHERENTLY RISKY AND SHOULD ONLY BE UNDERTAKEN BY INDIVIDUALS WITH ADEQUATE RISK CAPITAL.

