

Portfolio: Emini Reaper
Portfolio Settings

Starting Equity: \$10,000.00

Results includes Round Turn Comission of \$10/Contract

MS	File Name	Vehicle	Description
1	C:\Users\Administrator\Desktop\MSA Files\ES MSA all Data.msa	Futures	
2	C:\Users\Administrator\Desktop\MSA Files\NQ MSA all Data.msa	Futures	
3	C:\Users\Administrator\Desktop\MSA Files\YM MSA all Data.msa	Futures	

Position Sizing Settings & Rules

MS	Sizing Method	Parameters
1	Fixed Ratio	Initial = 1 contracts, Delta = \$7,500.00, Delta Frac = 1.000
2	Fixed Ratio	Initial = 1 contracts, Delta = \$7,500.00, Delta Frac = 1.000
3	Fixed Ratio	Initial = 1 contracts, Delta = \$7,500.00, Delta Frac = 1.000

	All Trades	Long	Short
Total Net Profit	\$67,690.00	\$30,332.50	\$37,357.50
Gross Profit	\$135,780.00	\$69,070.00	\$66,710.00
Gross Loss	(\$68,090.00)	(\$38,737.50)	(\$29,352.50)
Profit Factor	1.994	1.783	2.273
Pessimistic Return Ratio	1.688	1.416	1.789
Trading Period	1/22/2009 9:32:00 AM to 1/10/2012 11:08:00 AM (2 years 352 days)		
Starting Account Equity	\$10,000.00		
Highest Closed Trade Equity	\$78,960.00		
Lowest Closed Trade Equity	\$9,790.00		
Additions to Equity	\$0.00		
Withdrawals From Equity	\$0.00		
Final Account Equity	\$77,690.00		
Return on Starting Equity	676.9%		
Total Number of Trades	296	154	142
Number of Winning Trades	181	95	86
Number of Losing Trades	115	59	56
Trades Not Taken	0	0	0
Percent Profitable	61.15%	61.69%	60.56%
Max Position Size	4	4	4
Minimum Position Size	1	1	1
Average Position Size	2	3	2
Largest Winning Trade	\$2,360.00	\$1,940.00	\$2,360.00
/Percent of Equity	3.632%	2.845%	3.632%
Largest Winning Trade (%)	8.132%	8.132%	6.597%
/Trade Value	\$1,570.00	\$1,570.00	\$1,660.00
Average Winning Trade	\$750.17	\$727.05	\$775.70
Average Winning Trade (%)	2.017%	1.884%	2.165%
Average R-Multiple, Wins	0.0065		
Average Length of Wins	2 hours 4 min	2 hours 12 min	1 hours 55 min
Max Number Consecutive Wins	12	10	9

Largest Losing Trade	(\$1,840.00)	(\$1,840.00)	(\$1,640.00)
/Percent of Equity	-2.733%	-2.733%	-2.334%
Largest Losing Trade (%)	-4.215%	-4.051%	-4.215%
/Trade Value	(\$895.00)	(\$1,305.00)	(\$895.00)
Average Losing Trade	(\$592.09)	(\$656.57)	(\$524.15)
Average Losing Trade (%)	-1.334%	-1.321%	-1.347%
Average R-Multiple, Losses	0.0043		
Average Length of Losses	42 min 44 sec	46 min 0 sec	39 min 18 sec
Max Number Consecutive Losses	8	6	5
Average Trade (Expectation)	\$228.68	\$196.96	\$263.08
Average Trade (%)	0.7155%	0.6558%	0.7803%
Trade Standard Deviation	\$834.42	\$849.09	\$819.82
Trade Standard Deviation (%)	2.040%	1.976%	2.113%
Win/Loss Ratio	1.267	1.107	1.480
Win/Loss Ratio (%/%)	1.513	1.426	1.608
Return/Drawdown Ratio	49.90	13.39	26.38
Modified Sharpe Ratio	0.3507	0.3319	0.3692
Sharpe Ratio	0.7753		
Average Risk	\$143,423.01		
Average Risk (%)	318.9%		
Average R-Multiple (Expectancy)	0.0023		
R-Multiple Standard Deviation	0.0066		
Average Margin	\$0.00		
Average Margin (%)	0.000%		
Max Margin (%)	0.000%		
/Margin Value	\$0.00		
Date of Max Margin			
Average Leverage	0.2746		
Risk of Ruin	0.0000%		
Average Annual Profit/Loss	\$22,828.09		
Ave Annual Compounded Return	99.65%		
Average Monthly Profit/Loss	\$1,902.34		
Ave Monthly Compounded Return	5.931%		
Average Weekly Profit/Loss	\$434.69		
Ave Weekly Compounded Return	1.325%		
Average Daily Profit/Loss	\$62.50		
Ave Daily Compounded Return	0.1895%		

Closed Trade Drawdowns	All Trades	Long	Short
Number of Drawdowns	31	16	18
Average Drawdown	(\$1,619.35)	(\$1,852.97)	(\$1,250.69)
Average Drawdown (%)	3.768%	5.537%	5.024%
Average Length of Drawdowns	21 days 2 hours	33 days 18 hours	40 days 15 hours
Average Trades in Drawdowns	6	5	4
Worst Case Drawdown	(\$9,700.00)	(\$10,600.00)	(\$4,900.00)
/Percent of Equity	13.49%	22.66%	14.16%

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.

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 36 min	76 days 1 hours	42 days 20 min
Trades in Drawdown	28	26	14
Worst Case Drawdown (%)	13.56%	22.66%	14.16%
/Equity Value	(\$9,510.00)	(\$10,600.00)	(\$4,900.00)
Date at Trough	8/25/2011 9:42:00 AM	11/10/2011 10:00:00 AM	8/8/2011 9:35:00 AM
Trade Number at Trough	221	273	206
Length of Drawdown	49 days 3 hours	76 days 1 hours	42 days 20 min
Trades in Drawdown	38	26	14
Longest Drawdown	99 days 1 hours	112 days 1 hours	210 days 17 min
Start of Drawdown	8/19/2009 9:32:00 AM	8/3/2009 9:32:00 AM	8/12/2010 9:32:00 AM
End of Drawdown	11/26/2009 10:54:00 AM	11/23/2009 11:08:00 AM	3/10/2011 9:49:00 AM
Percent of Equity	6.930%	3.871%	8.555%

Annual Returns

Year	Net Profit	Add/With	End Equity	Return(%)	Drawdown(%)	Trades	Wins(%)	P Fac	Sharpe
2012	\$280.00	\$0.00	\$77,690.00	0.3617	0.3591	2	50.00	2.000	0.2887
2011	\$28,412.50	\$0.00	\$77,410.00	57.99	13.56	143	56.64	1.558	0.6792
2010	\$25,890.00	\$0.00	\$48,997.50	112.0	7.330	67	67.16	3.479	0.9363
2009	\$13,107.50	\$0.00	\$23,107.50	131.1	8.291	84	64.29	3.033	0.6895
Ave	\$16,922.50	\$0.00	\$56,801.25	75.37	7.386	74.00	59.52	2.518	0.6484
SD	\$12,961.01	\$0.00	\$26,186.69	58.81	5.427	58.01	7.747	0.8905	0.2677

Monthly Returns

Month	Net Profit	Add/With	End Equity	Return(%)	Drawdown(%)	Trades	Wins(%)	P Fac
1-2012	\$280.00	\$0.00	\$77,690.00	0.3617	0.3591	2	50.00	2.000
12-2011	\$2,120.00	\$0.00	\$77,410.00	2.816	3.939	10	50.00	1.458
11-2011	\$8,430.00	\$0.00	\$75,290.00	12.61	6.940	21	66.67	2.277
10-2011	\$490.00	\$0.00	\$66,860.00	0.7383	8.954	16	56.25	1.066
9-2011	\$920.00	\$0.00	\$66,370.00	1.406	7.564	20	55.00	1.123
8-2011	(\$970.00)	\$0.00	\$65,450.00	-1.460	8.762	29	44.83	0.9299
7-2011	(\$2,050.00)	\$0.00	\$66,420.00	-2.994	5.263	10	40.00	0.5941
6-2011	\$2,230.00	\$0.00	\$68,470.00	3.367	2.268	7	57.14	2.448
5-2011	(\$1,550.00)	\$0.00	\$66,240.00	-2.286	2.286	4	25.00	0.0373
4-2011	\$6,110.00	\$0.00	\$67,790.00	9.906	1.102	9	77.78	9.985
3-2011	\$8,467.50	\$0.00	\$61,680.00	15.91	1.169	13	69.23	5.151
2-2011	\$2,055.00	\$0.00	\$53,212.50	4.017	0.000	2	100.0	100.0
1-2011	\$2,160.00	\$0.00	\$51,157.50	4.408	0.000	2	100.0	100.0
12-2010	\$2,857.50	\$0.00	\$48,997.50	6.193	1.030	4	75.00	6.603
11-2010	\$4,875.00	\$0.00	\$46,140.00	11.81	2.375	10	70.00	5.779
10-2010	\$960.00	\$0.00	\$41,265.00	2.382	1.221	3	66.67	2.882
9-2010	\$2,115.00	\$0.00	\$40,305.00	5.538	0.8264	3	66.67	7.409
8-2010	\$5,242.50	\$0.00	\$38,190.00	15.91	4.617	10	80.00	3.877
7-2010	\$975.00	\$0.00	\$32,947.50	3.049	3.174	6	50.00	1.956
6-2010	\$150.00	\$0.00	\$31,972.50	0.4714	7.330	10	50.00	1.048
5-2010	\$6,055.00	\$0.00	\$31,822.50	23.50	1.358	14	78.57	6.767
2-2010	\$1,510.00	\$0.00	\$25,767.50	6.225	3.933	5	40.00	2.431
1-2010	\$1,150.00	\$0.00	\$24,257.50	4.977	0.000	2	100.0	100.0

12-2009	\$420.00	\$0.00	\$23,107.50	1.851	0.0882	3	33.33	22.00
11-2009	\$2,140.00	\$0.00	\$22,687.50	10.41	0.000	5	100.0	100.0
10-2009	\$110.00	\$0.00	\$20,547.50	0.5382	1.761	3	33.33	1.306
8-2009	(\$440.00)	\$0.00	\$20,437.50	-2.108	5.725	10	60.00	0.7507
7-2009	\$3,937.50	\$0.00	\$20,877.50	23.24	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	\$1,990.88	\$0.00	\$41,642.21	6.521	3.090	8.706	64.41	20.70
SD	\$2,563.45	\$0.00	\$22,299.66	8.411	2.851	6.403	22.13	37.47

Weekly Returns

Week	Net Profit	Add/With	End Equity	Return(%)	Drawdown(%)	Trades	Wins(%)	P Fac
1/8/2012	(\$280.00)	\$0.00	\$77,690.00	-0.3591	0.3591	1	0.000	0.000
1/1/2012	\$560.00	\$0.00	\$77,970.00	0.7234	0.000	1	100.0	100.0
12/18/2011	\$1,560.00	\$0.00	\$77,410.00	2.057	0.000	1	100.0	100.0
12/11/2011	\$1,420.00	\$0.00	\$75,850.00	1.908	3.939	6	50.00	1.457
12/4/2011	(\$860.00)	\$0.00	\$74,430.00	-1.142	1.142	3	33.33	0.4342
11/27/2011	\$6,280.00	\$0.00	\$75,290.00	9.100	0.000	6	100.0	100.0
11/20/2011	\$6,790.00	\$0.00	\$69,010.00	10.91	0.000	4	100.0	100.0
11/13/2011	(\$680.00)	\$0.00	\$62,220.00	-1.081	1.081	1	0.000	0.000
11/6/2011	(\$1,210.00)	\$0.00	\$62,900.00	-1.887	4.654	6	50.00	0.6059
10/30/2011	(\$1,370.00)	\$0.00	\$64,110.00	-2.092	4.113	7	57.14	0.5193
10/23/2011	(\$5,940.00)	\$0.00	\$65,480.00	-8.317	8.317	5	0.000	0.000
10/16/2011	(\$500.00)	\$0.00	\$71,420.00	-0.6952	0.9455	2	50.00	0.2647
10/9/2011	\$5,550.00	\$0.00	\$71,920.00	8.362	1.184	6	83.33	7.607
9/25/2011	(\$670.00)	\$0.00	\$66,370.00	-0.9994	1.029	3	33.33	0.5109
9/18/2011	(\$870.00)	\$0.00	\$67,040.00	-1.281	1.917	6	50.00	0.5445
9/11/2011	(\$3,880.00)	\$0.00	\$67,910.00	-5.405	5.405	5	20.00	0.0762
9/4/2011	\$6,340.00	\$0.00	\$71,790.00	9.687	0.000	6	100.0	100.0
8/28/2011	\$4,850.00	\$0.00	\$65,450.00	8.003	0.000	6	100.0	100.0
8/21/2011	(\$4,000.00)	\$0.00	\$60,600.00	-6.192	6.192	4	0.000	0.000
8/14/2011	\$2,720.00	\$0.00	\$64,600.00	4.396	1.234	6	66.67	4.532
8/7/2011	(\$2,350.00)	\$0.00	\$61,880.00	-3.659	5.511	8	25.00	0.5356
7/31/2011	(\$2,190.00)	\$0.00	\$64,230.00	-3.297	6.022	5	20.00	0.4525
7/24/2011	(\$3,010.00)	\$0.00	\$66,420.00	-4.335	4.335	3	0.000	0.000
7/17/2011	\$940.00	\$0.00	\$69,430.00	1.372	0.9699	3	66.67	2.382
7/10/2011	\$20.00	\$0.00	\$68,490.00	0.0292	0.9931	4	50.00	1.015
6/19/2011	\$1,160.00	\$0.00	\$68,470.00	1.723	0.000	2	100.0	100.0
6/12/2011	\$1,090.00	\$0.00	\$67,310.00	1.646	2.268	4	50.00	1.717
6/5/2011	(\$20.00)	\$0.00	\$66,220.00	-0.0302	0.0302	1	0.000	0.000
5/29/2011	(\$680.00)	\$0.00	\$66,240.00	-1.016	1.016	1	0.000	0.000
5/22/2011	(\$870.00)	\$0.00	\$66,920.00	-1.283	1.283	3	33.33	0.0645
4/17/2011	\$6,330.00	\$0.00	\$67,790.00	10.30	0.000	6	100.0	100.0
4/10/2011	\$460.00	\$0.00	\$61,460.00	0.7541	0.000	1	100.0	100.0
4/3/2011	(\$680.00)	\$0.00	\$61,000.00	-1.102	1.102	2	0.000	0.000
3/27/2011	(\$680.00)	\$0.00	\$61,680.00	-1.090	1.090	1	0.000	0.000
3/20/2011	\$4,010.00	\$0.00	\$62,360.00	6.872	0.000	3	100.0	100.0

3/13/2011	\$160.00	\$0.00	\$58,350.00	0.2750	1.169	5	40.00	1.118
3/6/2011	\$2,630.00	\$0.00	\$58,190.00	4.734	0.000	2	100.0	100.0
2/27/2011	\$2,347.50	\$0.00	\$55,560.00	4.412	0.000	2	100.0	100.0
2/20/2011	\$810.00	\$0.00	\$53,212.50	1.546	0.000	1	100.0	100.0
1/30/2011	\$1,245.00	\$0.00	\$52,402.50	2.434	0.000	1	100.0	100.0
1/16/2011	\$645.00	\$0.00	\$51,157.50	1.277	0.000	1	100.0	100.0
1/2/2011	\$1,515.00	\$0.00	\$50,512.50	3.092	0.000	1	100.0	100.0
12/5/2010	(\$510.00)	\$0.00	\$48,997.50	-1.030	1.030	1	0.000	0.000
11/28/2010	\$3,412.50	\$0.00	\$49,507.50	7.403	0.000	4	100.0	100.0
11/21/2010	\$2,872.50	\$0.00	\$46,095.00	6.646	0.000	3	100.0	100.0
11/14/2010	\$277.50	\$0.00	\$43,222.50	0.6462	2.375	4	50.00	1.272
10/31/2010	\$1,680.00	\$0.00	\$42,945.00	4.071	0.000	2	50.00	100.0
10/17/2010	(\$510.00)	\$0.00	\$41,265.00	-1.221	1.221	1	0.000	0.000
10/10/2010	\$450.00	\$0.00	\$41,775.00	1.089	0.000	1	100.0	100.0
10/3/2010	\$1,020.00	\$0.00	\$41,325.00	2.531	0.000	1	100.0	100.0
9/12/2010	\$705.00	\$0.00	\$40,305.00	1.780	0.000	1	100.0	100.0
9/5/2010	(\$330.00)	\$0.00	\$39,600.00	-0.8264	0.8264	1	0.000	0.000
8/29/2010	\$1,740.00	\$0.00	\$39,930.00	4.556	0.000	1	100.0	100.0
8/22/2010	\$540.00	\$0.00	\$38,190.00	1.434	0.000	1	100.0	100.0
8/8/2010	\$2,745.00	\$0.00	\$37,650.00	7.864	4.617	6	66.67	2.506
8/1/2010	\$1,957.50	\$0.00	\$34,905.00	5.941	0.000	3	100.0	100.0
7/18/2010	\$1,155.00	\$0.00	\$32,947.50	3.633	2.139	4	50.00	2.699
7/11/2010	(\$340.00)	\$0.00	\$31,792.50	-1.058	1.058	1	0.000	0.000
7/4/2010	\$160.00	\$0.00	\$32,132.50	0.5004	0.000	1	100.0	100.0
6/27/2010	\$1,060.00	\$0.00	\$31,972.50	3.429	0.000	1	100.0	100.0
6/20/2010	(\$2,445.00)	\$0.00	\$30,912.50	-7.330	7.330	3	0.000	0.000
6/13/2010	\$840.00	\$0.00	\$33,357.50	2.583	0.000	2	100.0	100.0
6/6/2010	\$1,035.00	\$0.00	\$32,517.50	3.288	1.080	3	66.67	4.044
5/30/2010	(\$340.00)	\$0.00	\$31,482.50	-1.068	1.068	1	0.000	0.000
5/23/2010	\$1,695.00	\$0.00	\$31,822.50	5.626	0.000	3	100.0	100.0
5/16/2010	\$1,375.00	\$0.00	\$30,127.50	4.782	1.183	3	66.67	5.044
5/9/2010	\$1,875.00	\$0.00	\$28,752.50	6.976	1.195	5	80.00	6.515
5/2/2010	\$1,110.00	\$0.00	\$26,877.50	4.308	1.358	3	66.67	4.000
2/21/2010	(\$715.00)	\$0.00	\$25,767.50	-2.700	2.700	2	0.000	0.000
2/7/2010	(\$340.00)	\$0.00	\$26,482.50	-1.268	1.268	1	0.000	0.000
1/31/2010	\$2,565.00	\$0.00	\$26,822.50	10.57	0.000	2	100.0	100.0
1/17/2010	\$980.00	\$0.00	\$24,257.50	4.210	0.000	1	100.0	100.0
1/3/2010	\$170.00	\$0.00	\$23,277.50	0.7357	0.000	1	100.0	100.0
12/20/2009	\$440.00	\$0.00	\$23,107.50	1.941	0.000	1	100.0	100.0
12/6/2009	\$0.00	\$0.00	\$22,667.50	0.000	0.000	1	0.000	0.000
11/29/2009	(\$20.00)	\$0.00	\$22,667.50	-0.0882	0.0882	1	0.000	0.000
11/22/2009	\$2,140.00	\$0.00	\$22,687.50	10.41	0.000	5	100.0	100.0
10/11/2009	\$110.00	\$0.00	\$20,547.50	0.5382	1.761	3	33.33	1.306
8/30/2009	\$100.00	\$0.00	\$20,437.50	0.4917	0.000	1	100.0	100.0
8/16/2009	(\$740.00)	\$0.00	\$20,337.50	-3.511	5.725	5	60.00	0.4008
8/9/2009	\$450.00	\$0.00	\$21,077.50	2.182	0.000	1	100.0	100.0
8/2/2009	(\$250.00)	\$0.00	\$20,627.50	-1.197	2.539	3	33.33	0.5283
7/12/2009	\$3,085.00	\$0.00	\$20,877.50	17.34	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	\$663.63	\$0.00	\$42,202.01	2.136	1.373	2.902	60.82	44.86
SD	\$2,023.92	\$0.00	\$21,807.20	4.700	1.979	1.901	40.16	49.27

Daily Returns

Day	Net Profit	Add/With	End Equity	Return(%)	Drawdown(%)	Trades	Wins(%)	P Fac
1/10/2012	(\$280.00)	\$0.00	\$77,690.00	-0.3591	0.3591	1	0.000	0.000
1/3/2012	\$560.00	\$0.00	\$77,970.00	0.7234	0.000	1	100.0	100.0
12/20/2011	\$1,560.00	\$0.00	\$77,410.00	2.057	0.000	1	100.0	100.0
12/15/2011	(\$2,430.00)	\$0.00	\$75,850.00	-3.104	3.104	2	0.000	0.000
12/13/2011	(\$680.00)	\$0.00	\$78,280.00	-0.8612	0.8612	1	0.000	0.000
12/12/2011	\$4,530.00	\$0.00	\$78,960.00	6.086	0.000	3	100.0	100.0
12/5/2011	(\$860.00)	\$0.00	\$74,430.00	-1.142	1.142	3	33.33	0.4342
11/30/2011	\$4,810.00	\$0.00	\$75,290.00	6.825	0.000	3	100.0	100.0
11/28/2011	\$1,470.00	\$0.00	\$70,480.00	2.130	0.000	3	100.0	100.0
11/23/2011	\$1,680.00	\$0.00	\$69,010.00	2.495	0.000	1	100.0	100.0
11/21/2011	\$5,110.00	\$0.00	\$67,330.00	8.213	0.000	3	100.0	100.0
11/16/2011	(\$680.00)	\$0.00	\$62,220.00	-1.081	1.081	1	0.000	0.000
11/10/2011	(\$2,630.00)	\$0.00	\$62,900.00	-4.013	4.013	2	0.000	0.000
11/9/2011	\$1,380.00	\$0.00	\$65,530.00	2.151	0.6670	3	66.67	4.136
11/8/2011	\$40.00	\$0.00	\$64,150.00	0.0624	0.000	1	100.0	100.0
11/3/2011	(\$1,390.00)	\$0.00	\$64,110.00	-2.122	2.271	2	50.00	0.0671
11/2/2011	(\$680.00)	\$0.00	\$65,500.00	-1.028	1.028	1	0.000	0.000
11/1/2011	(\$680.00)	\$0.00	\$66,180.00	-1.017	1.017	1	0.000	0.000
10/31/2011	\$1,380.00	\$0.00	\$66,860.00	2.108	0.000	3	100.0	100.0
10/27/2011	(\$2,680.00)	\$0.00	\$65,480.00	-3.932	3.932	2	0.000	0.000
10/26/2011	(\$3,260.00)	\$0.00	\$68,160.00	-4.565	4.565	3	0.000	0.000
10/19/2011	\$180.00	\$0.00	\$71,420.00	0.2527	0.000	1	100.0	100.0
10/17/2011	(\$680.00)	\$0.00	\$71,240.00	-0.9455	0.9455	1	0.000	0.000
10/12/2011	\$980.00	\$0.00	\$71,920.00	1.381	1.184	3	66.67	2.167
10/10/2011	\$4,570.00	\$0.00	\$70,940.00	6.886	0.000	3	100.0	100.0
9/29/2011	\$10.00	\$0.00	\$66,370.00	0.0151	1.029	2	50.00	1.014
9/27/2011	(\$680.00)	\$0.00	\$66,360.00	-1.014	1.014	1	0.000	0.000
9/22/2011	(\$40.00)	\$0.00	\$67,040.00	-0.0596	0.9456	2	50.00	0.9375
9/20/2011	(\$680.00)	\$0.00	\$67,080.00	-1.004	1.004	1	0.000	0.000
9/19/2011	(\$150.00)	\$0.00	\$67,760.00	-0.2209	0.8632	3	66.67	0.7458

There is a substantial risk of loss in futures trading. Past performance is not indicative of future results.
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9/15/2011	(\$720.00)	\$0.00	\$67,910.00	-1.049	1.508	2	50.00	0.3077
9/12/2011	(\$3,160.00)	\$0.00	\$68,630.00	-4.402	4.402	3	0.000	0.000
9/7/2011	\$1,890.00	\$0.00	\$71,790.00	2.704	0.000	3	100.0	100.0
9/5/2011	\$4,450.00	\$0.00	\$69,900.00	6.799	0.000	3	100.0	100.0
8/31/2011	\$2,390.00	\$0.00	\$65,450.00	3.790	0.000	3	100.0	100.0
8/29/2011	\$2,460.00	\$0.00	\$63,060.00	4.059	0.000	3	100.0	100.0
8/25/2011	(\$990.00)	\$0.00	\$60,600.00	-1.607	1.607	1	0.000	0.000
8/22/2011	(\$3,010.00)	\$0.00	\$61,590.00	-4.659	4.659	3	0.000	0.000
8/18/2011	\$2,990.00	\$0.00	\$64,600.00	4.853	0.000	2	100.0	100.0
8/16/2011	(\$680.00)	\$0.00	\$61,610.00	-1.092	1.092	1	0.000	0.000
8/15/2011	\$410.00	\$0.00	\$62,290.00	0.6626	0.1443	3	66.67	5.556
8/11/2011	(\$840.00)	\$0.00	\$61,880.00	-1.339	1.339	1	0.000	0.000
8/10/2011	\$2,030.00	\$0.00	\$62,720.00	3.345	1.073	3	66.67	3.985
8/9/2011	(\$680.00)	\$0.00	\$60,690.00	-1.108	1.108	1	0.000	0.000
8/8/2011	(\$2,860.00)	\$0.00	\$61,370.00	-4.453	4.453	3	0.000	0.000
8/4/2011	\$970.00	\$0.00	\$64,230.00	1.533	1.328	2	50.00	2.155
8/1/2011	(\$3,160.00)	\$0.00	\$63,260.00	-4.758	4.758	3	0.000	0.000
7/25/2011	(\$3,010.00)	\$0.00	\$66,420.00	-4.335	4.335	3	0.000	0.000
7/20/2011	(\$680.00)	\$0.00	\$69,430.00	-0.9699	0.9699	1	0.000	0.000
7/19/2011	\$920.00	\$0.00	\$70,110.00	1.330	0.000	1	100.0	100.0
7/18/2011	\$700.00	\$0.00	\$69,190.00	1.022	0.000	1	100.0	100.0
7/13/2011	(\$680.00)	\$0.00	\$68,490.00	-0.9831	0.9831	1	0.000	0.000
7/11/2011	\$700.00	\$0.00	\$69,170.00	1.022	0.9931	3	66.67	2.029
6/23/2011	\$1,160.00	\$0.00	\$68,470.00	1.723	0.000	2	100.0	100.0
6/15/2011	\$290.00	\$0.00	\$67,310.00	0.4327	2.268	3	33.33	1.191
6/14/2011	\$800.00	\$0.00	\$67,020.00	1.208	0.000	1	100.0	100.0
6/6/2011	(\$20.00)	\$0.00	\$66,220.00	-0.0302	0.0302	1	0.000	0.000
5/31/2011	(\$680.00)	\$0.00	\$66,240.00	-1.016	1.016	1	0.000	0.000
5/23/2011	(\$870.00)	\$0.00	\$66,920.00	-1.283	1.283	3	33.33	0.0645
4/20/2011	\$2,480.00	\$0.00	\$67,790.00	3.797	0.000	3	100.0	100.0
4/18/2011	\$3,850.00	\$0.00	\$65,310.00	6.264	0.000	3	100.0	100.0
4/13/2011	\$460.00	\$0.00	\$61,460.00	0.7541	0.000	1	100.0	100.0
4/6/2011	\$0.00	\$0.00	\$61,000.00	0.000	0.000	1	0.000	0.000
4/5/2011	(\$680.00)	\$0.00	\$61,000.00	-1.102	1.102	1	0.000	0.000
3/30/2011	(\$680.00)	\$0.00	\$61,680.00	-1.090	1.090	1	0.000	0.000
3/21/2011	\$4,010.00	\$0.00	\$62,360.00	6.872	0.000	3	100.0	100.0
3/17/2011	\$110.00	\$0.00	\$58,350.00	0.1889	0.000	2	50.00	100.0
3/15/2011	(\$680.00)	\$0.00	\$58,240.00	-1.154	1.154	1	0.000	0.000
3/14/2011	\$730.00	\$0.00	\$58,920.00	1.255	1.169	2	50.00	2.074
3/10/2011	\$2,630.00	\$0.00	\$58,190.00	4.734	0.000	2	100.0	100.0
3/3/2011	\$2,347.50	\$0.00	\$55,560.00	4.412	0.000	2	100.0	100.0
2/21/2011	\$810.00	\$0.00	\$53,212.50	1.546	0.000	1	100.0	100.0
2/1/2011	\$1,245.00	\$0.00	\$52,402.50	2.434	0.000	1	100.0	100.0
1/17/2011	\$645.00	\$0.00	\$51,157.50	1.277	0.000	1	100.0	100.0
1/3/2011	\$1,515.00	\$0.00	\$50,512.50	3.092	0.000	1	100.0	100.0
12/7/2010	(\$510.00)	\$0.00	\$48,997.50	-1.030	1.030	1	0.000	0.000
12/1/2010	\$3,367.50	\$0.00	\$49,507.50	7.298	0.000	3	100.0	100.0
11/30/2010	\$45.00	\$0.00	\$46,140.00	0.0976	0.000	1	100.0	100.0
11/24/2010	\$2,197.50	\$0.00	\$46,095.00	5.006	0.000	2	100.0	100.0
11/23/2010	\$675.00	\$0.00	\$43,897.50	1.562	0.000	1	100.0	100.0
11/18/2010	\$1,297.50	\$0.00	\$43,222.50	3.095	0.000	2	100.0	100.0

11/16/2010	(\$510.00)	\$0.00	\$41,925.00	-1.202	1.202	1	0.000	0.000
11/15/2010	(\$510.00)	\$0.00	\$42,435.00	-1.188	1.188	1	0.000	0.000
11/4/2010	\$1,680.00	\$0.00	\$42,945.00	4.071	0.000	1	100.0	100.0
11/2/2010	\$0.00	\$0.00	\$41,265.00	0.000	0.000	1	0.000	0.000
10/19/2010	(\$510.00)	\$0.00	\$41,265.00	-1.221	1.221	1	0.000	0.000
10/13/2010	\$450.00	\$0.00	\$41,775.00	1.089	0.000	1	100.0	100.0
10/5/2010	\$1,020.00	\$0.00	\$41,325.00	2.531	0.000	1	100.0	100.0
9/13/2010	\$705.00	\$0.00	\$40,305.00	1.780	0.000	1	100.0	100.0
9/9/2010	(\$330.00)	\$0.00	\$39,600.00	-0.8264	0.8264	1	0.000	0.000
9/1/2010	\$1,740.00	\$0.00	\$39,930.00	4.556	0.000	1	100.0	100.0
8/24/2010	\$540.00	\$0.00	\$38,190.00	1.434	0.000	1	100.0	100.0
8/12/2010	(\$1,822.50)	\$0.00	\$37,650.00	-4.617	4.617	2	0.000	0.000
8/11/2010	\$4,042.50	\$0.00	\$39,472.50	11.41	0.000	3	100.0	100.0
8/10/2010	\$525.00	\$0.00	\$35,430.00	1.504	0.000	1	100.0	100.0
8/2/2010	\$1,957.50	\$0.00	\$34,905.00	5.941	0.000	3	100.0	100.0
7/22/2010	\$1,835.00	\$0.00	\$32,947.50	5.898	0.000	2	100.0	100.0
7/21/2010	(\$340.00)	\$0.00	\$31,112.50	-1.081	1.081	1	0.000	0.000
7/20/2010	(\$340.00)	\$0.00	\$31,452.50	-1.069	1.069	1	0.000	0.000
7/13/2010	(\$340.00)	\$0.00	\$31,792.50	-1.058	1.058	1	0.000	0.000
7/6/2010	\$160.00	\$0.00	\$32,132.50	0.5004	0.000	1	100.0	100.0
6/29/2010	\$1,060.00	\$0.00	\$31,972.50	3.429	0.000	1	100.0	100.0
6/21/2010	(\$2,445.00)	\$0.00	\$30,912.50	-7.330	7.330	3	0.000	0.000
6/14/2010	\$840.00	\$0.00	\$33,357.50	2.583	0.000	2	100.0	100.0
6/10/2010	\$1,375.00	\$0.00	\$32,517.50	4.415	0.000	2	100.0	100.0
6/9/2010	(\$340.00)	\$0.00	\$31,142.50	-1.080	1.080	1	0.000	0.000
6/1/2010	(\$340.00)	\$0.00	\$31,482.50	-1.068	1.068	1	0.000	0.000
5/27/2010	\$1,545.00	\$0.00	\$31,822.50	5.103	0.000	2	100.0	100.0
5/25/2010	\$150.00	\$0.00	\$30,277.50	0.4979	0.000	1	100.0	100.0
5/20/2010	\$1,715.00	\$0.00	\$30,127.50	6.036	0.000	2	100.0	100.0
5/18/2010	(\$340.00)	\$0.00	\$28,412.50	-1.183	1.183	1	0.000	0.000
5/12/2010	\$650.00	\$0.00	\$28,752.50	2.313	0.000	1	100.0	100.0
5/11/2010	(\$340.00)	\$0.00	\$28,102.50	-1.195	1.195	1	0.000	0.000
5/10/2010	\$1,565.00	\$0.00	\$28,442.50	5.823	0.000	3	100.0	100.0
5/5/2010	(\$300.00)	\$0.00	\$26,877.50	-1.104	1.358	2	50.00	0.1892
5/4/2010	\$1,410.00	\$0.00	\$27,177.50	5.472	0.000	1	100.0	100.0
2/25/2010	(\$715.00)	\$0.00	\$25,767.50	-2.700	2.700	2	0.000	0.000
2/9/2010	(\$340.00)	\$0.00	\$26,482.50	-1.268	1.268	1	0.000	0.000
2/4/2010	\$2,565.00	\$0.00	\$26,822.50	10.57	0.000	2	100.0	100.0
1/20/2010	\$980.00	\$0.00	\$24,257.50	4.210	0.000	1	100.0	100.0
1/4/2010	\$170.00	\$0.00	\$23,277.50	0.7357	0.000	1	100.0	100.0
12/21/2009	\$440.00	\$0.00	\$23,107.50	1.941	0.000	1	100.0	100.0
12/8/2009	\$0.00	\$0.00	\$22,667.50	0.000	0.000	1	0.000	0.000
12/1/2009	(\$20.00)	\$0.00	\$22,667.50	-0.0882	0.0882	1	0.000	0.000
11/26/2009	\$1,575.00	\$0.00	\$22,687.50	7.460	0.000	2	100.0	100.0
11/23/2009	\$565.00	\$0.00	\$21,112.50	2.750	0.000	3	100.0	100.0
10/14/2009	\$110.00	\$0.00	\$20,547.50	0.5382	1.761	3	33.33	1.306
8/31/2009	\$100.00	\$0.00	\$20,437.50	0.4917	0.000	1	100.0	100.0
8/19/2009	(\$1,235.00)	\$0.00	\$20,337.50	-5.725	5.725	2	0.000	0.000
8/17/2009	\$495.00	\$0.00	\$21,572.50	2.348	0.000	3	100.0	100.0
8/11/2009	\$450.00	\$0.00	\$21,077.50	2.182	0.000	1	100.0	100.0
8/3/2009	(\$250.00)	\$0.00	\$20,627.50	-1.197	2.539	3	33.33	0.5283

7/15/2009	\$3,085.00	\$0.00	\$20,877.50	17.34	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	\$415.28	\$0.00	\$44,190.66	1.335	0.9278	1.816	57.46	50.58
SD	\$1,537.74	\$0.00	\$22,103.93	3.792	1.487	0.8552	45.78	49.89

Dependency Analysis Results for All Trades

Dependency: Positive

Confidence Level: 99.9937%

Total Number of Runs: 109

Number of Runs of Wins: 54

Number of Runs of Losses: 55

Average Length of Winning Runs: 3.4

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: 296

Number of Degrees of Freedom: 296

Average trade at 95.00% confidence: \$228.68 +/- 79.78

Worst-case average trade at 95.00% confidence: \$148.90

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	0.8945	0.9494
2	0.8945	1.000	0.9756
3	0.9494	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.

