

DEUTSCHE MARK-Daily



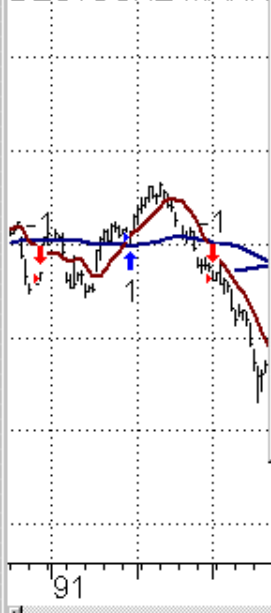
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80 Day Breakout



DEUTSCHE MARK



System Report: Performance Summary

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jsbreakout DEUTSCHE MARK-Daily 01/02/90 - 12/31/97

Performance Summary: All Trades

Total net profit	\$ 20275.00	Open position P/L	\$ 0.00
Gross profit	\$ 44300.00	Gross loss	\$ -24025.00
Total # of trades	11	Percent profitable	45%
Number winning trades	5	Number losing trades	6
Largest winning trade	\$ 15725.00	Largest losing trade	\$ -5662.50
Average winning trade	\$ 8860.00	Average losing trade	\$ -4004.17
Ratio avg win/avg loss	2.21	Avg trade(win & loss)	\$ 1843.18
Max consec. winners	3	Max consec. losers	5
Avg # bars in winners	311	Avg # bars in losers	63
Max intraday drawdown	\$ -22212.50		
Profit factor	1.84	Max # contracts held	1
Account size required	\$ 22212.50	Return on account	91%

CALCULATING A MOVING AVERAGE											
Day	Closing Price	3-Day Moving Avg.	10-Day Moving Avg.	Difference	Signal						
1	8050										
2	8100										
3	8190	8113.3									
4	8140	8143.3									
5	8310	8213.3									
6	8260	8236.7									
7	8220	8263.3									
8	8310	8263.3									
9	8440	8323.3									
10	8520	8423.3	8254.0	169.3							
11	8460	8473.3	8295.0	178.3							
12	8390	8456.7	8324.0	132.7							
13	8440	8430.0	8349.0	81.0							
14	8520	8450.0	8387.0	63.0							
15	8610	8523.3	8417.0	106.3							
16	8540	8556.7	8445.0	111.7							
17	8410	8520.0	8464.0	56.0							
18	8350	8433.3	8468.0	-34.7	SELL						
19	8390	8383.3	8463.0	-79.7							
20	8310	8350.0	8442.0	-92.0							
21	8280	8326.7	8424.0	-97.3							
22	8420	8336.7	8427.0	-90.3							
23	8510	8403.3	8434.0	-30.7							
24	8620	8516.7	8444.0	72.7	BUY						

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Crossover Moving Average (10/50)

Works well in trending period



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Whipsaw losses during choppy, trading range period



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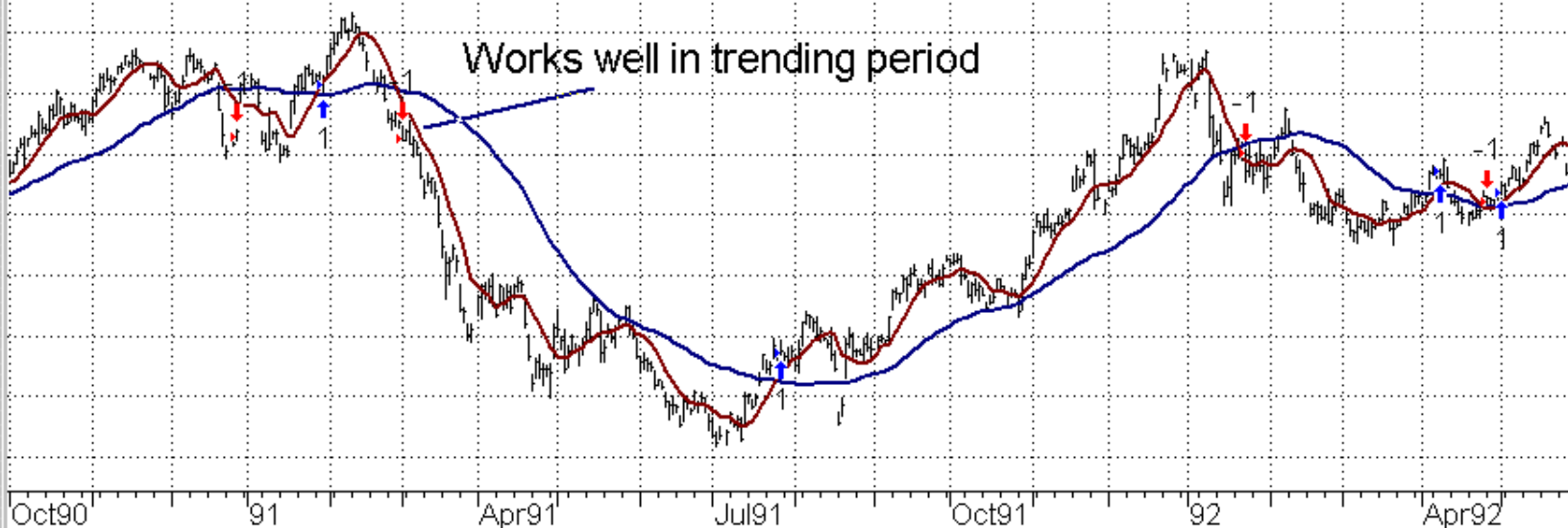
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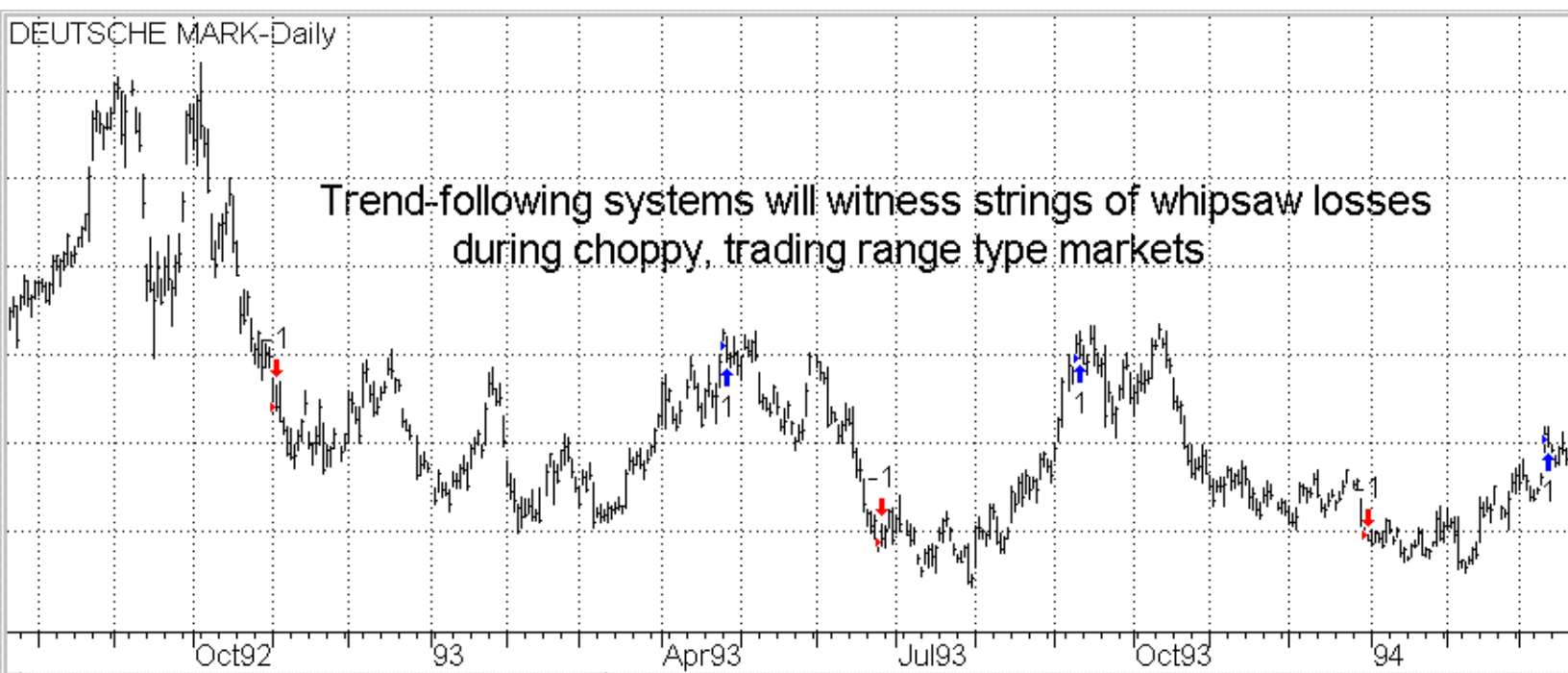
80-Day Breakout

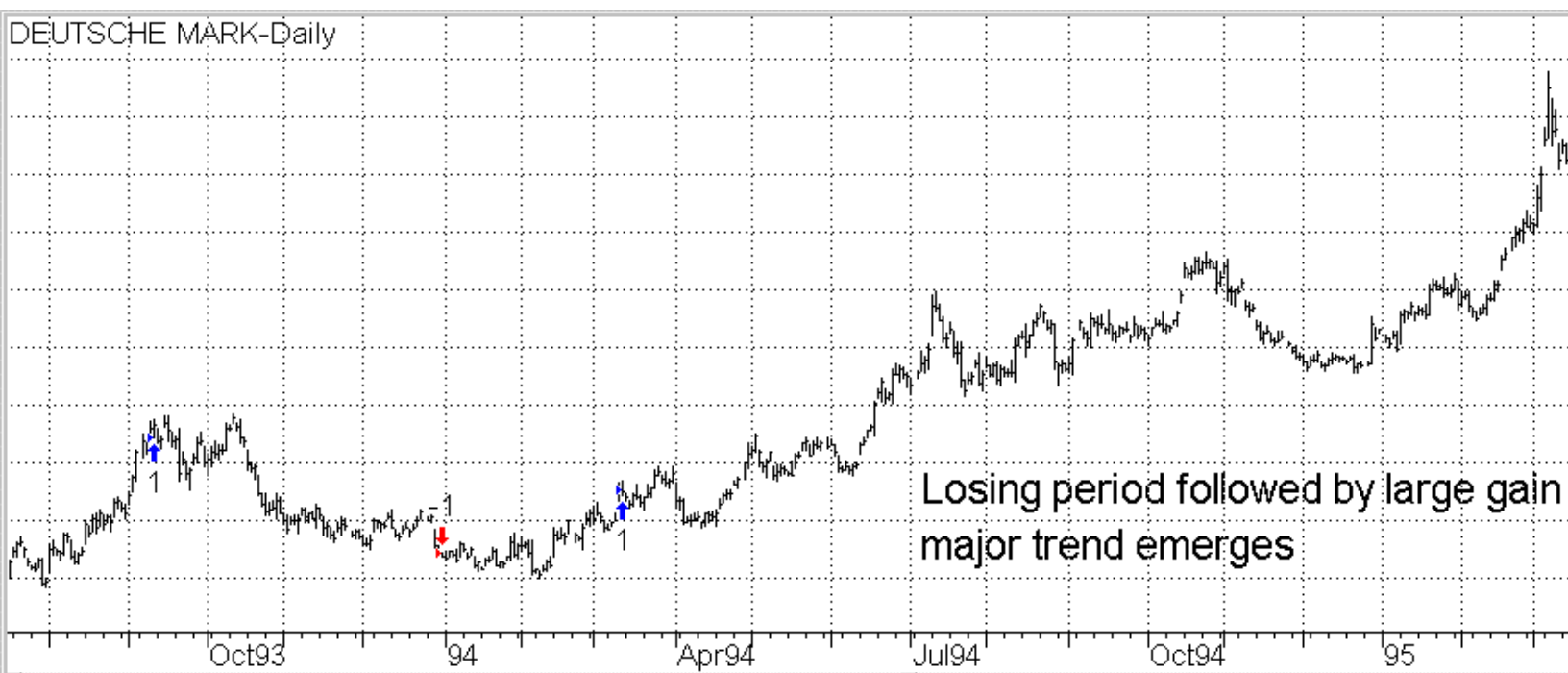


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Crossover Moving Average (10/50)







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80 Day Breakout

System Report: Performance Summary

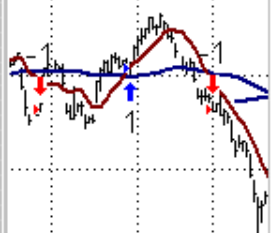


jsbreakout DEUTSCHE MARK-Daily 01/02/90 - 12/31/97

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91 Apr91 Jul91 Oct91 92 Apr92 Jul92

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System Report: Performance Summary

jsxoverma DEUTSCHE MARK-Daily 01/02/90 - 12/31/97

Performance Summary: All Trades

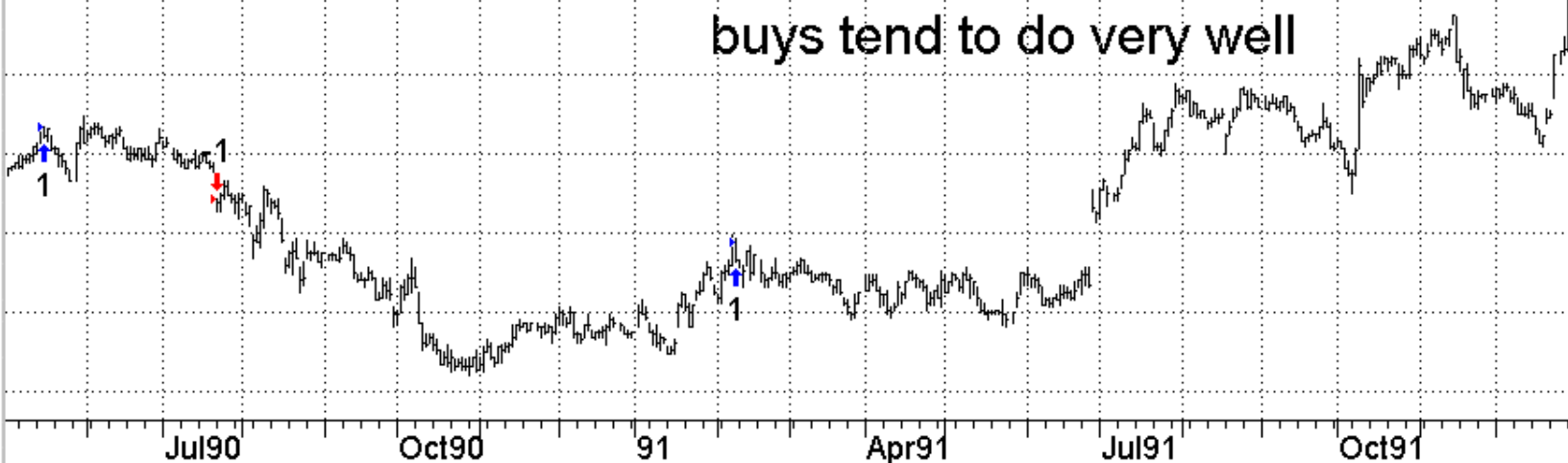
Total net profit	\$ 30200.00	Open position P/L	\$ 0.00
Gross profit	\$ 71375.00	Gross loss	\$ -41175.00
Total # of trades	40	Percent profitable	53%
Number winning trades	21	Number losing trades	19
Largest winning trade	\$ 8837.50	Largest losing trade	\$ -6775.00
Average winning trade	\$ 3398.81	Average losing trade	\$ -2167.11
Ratio avg win/avg loss	1.57	Avg trade(win & loss)	\$ 755.00
Max consec. winners	5	Max consec. losers	2
Avg # bars in winners	75	Avg # bars in losers	19
Max intraday drawdown	\$ -16262.50		
Profit factor	1.73	Max # contracts held	1
Account size required	\$ 16262.50	Return on account	186%

Crossover Moving Average (10/50)

Allied Signal Inc-Daily

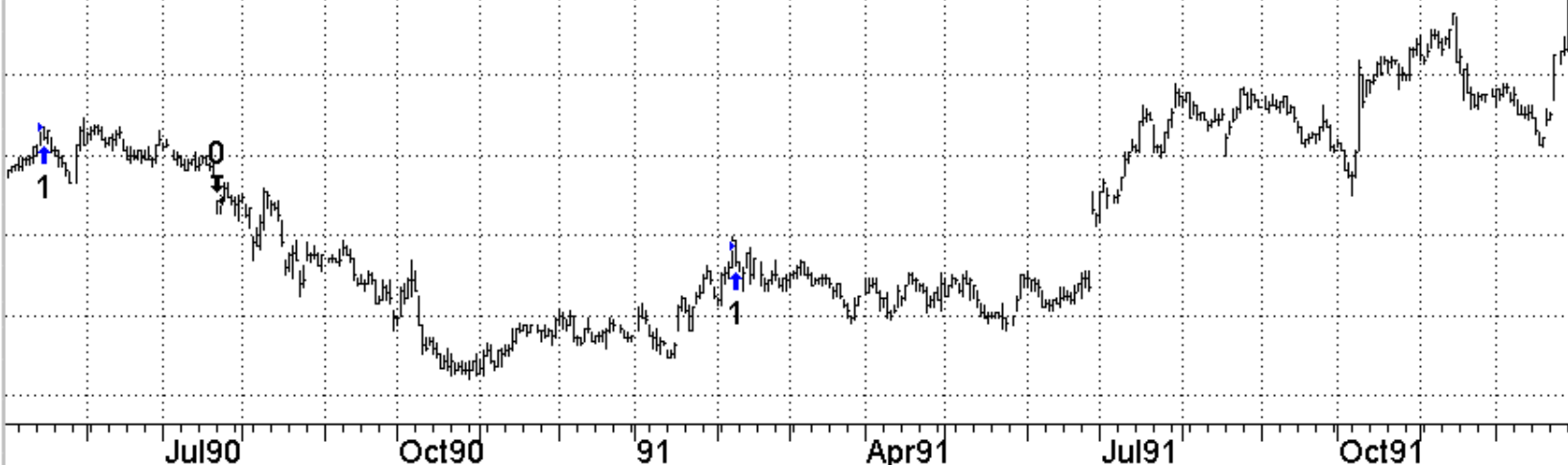
Breakout (N=80)

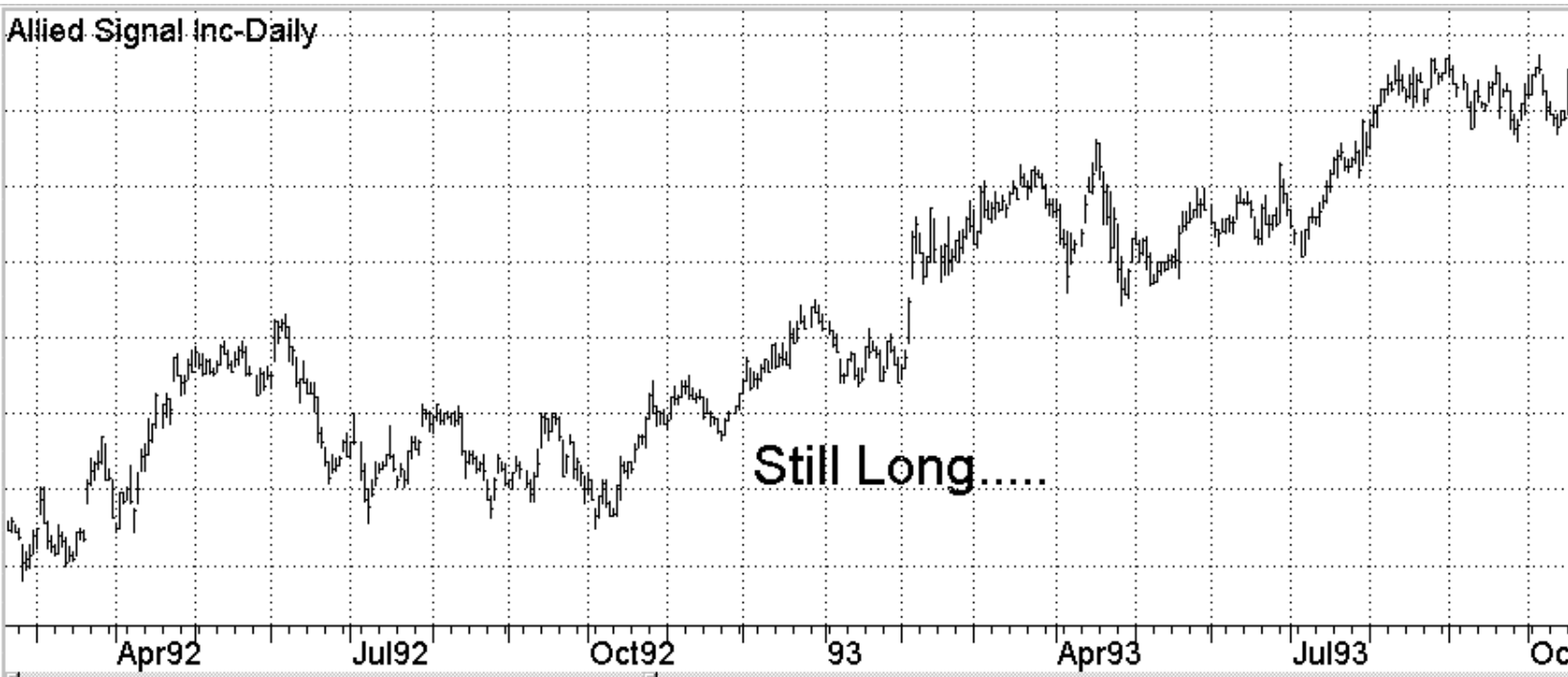
Because of strong upward bias,
buys tend to do very well



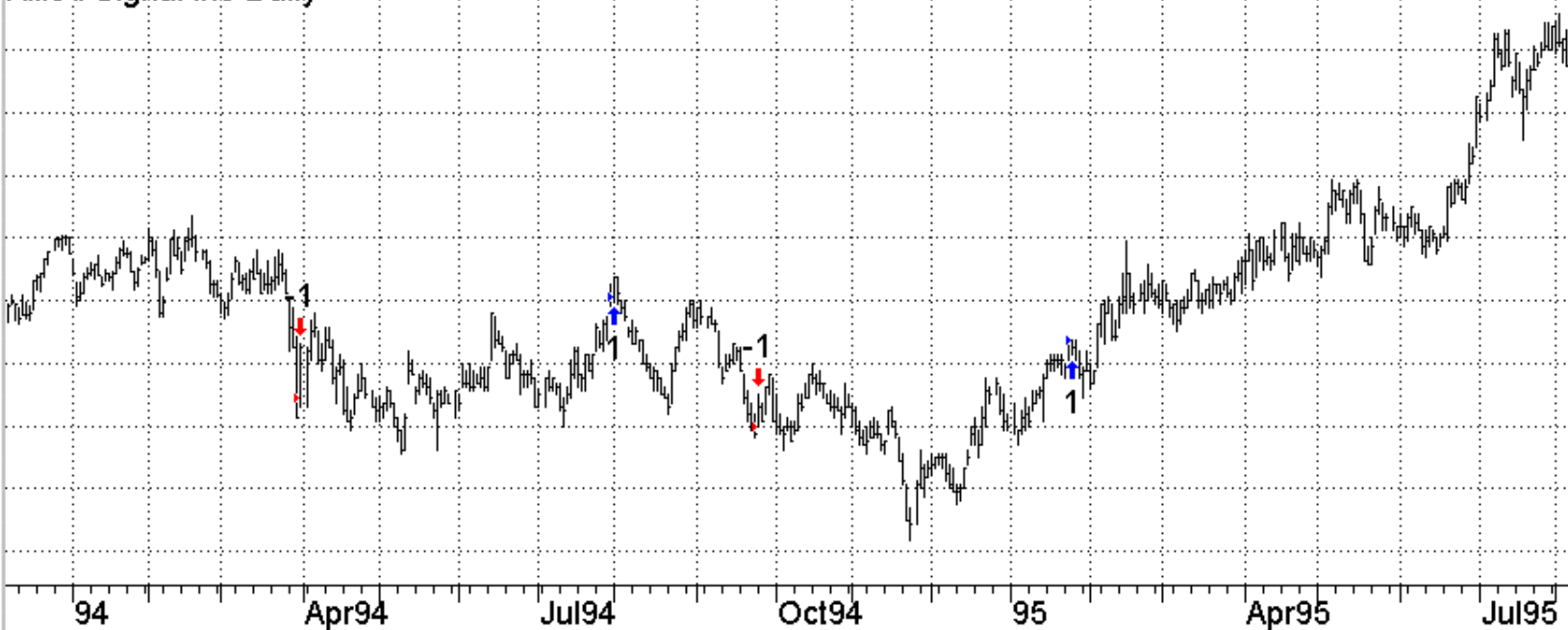
Allied Signal Inc-Daily

Breakout (N=80)--Buys Only

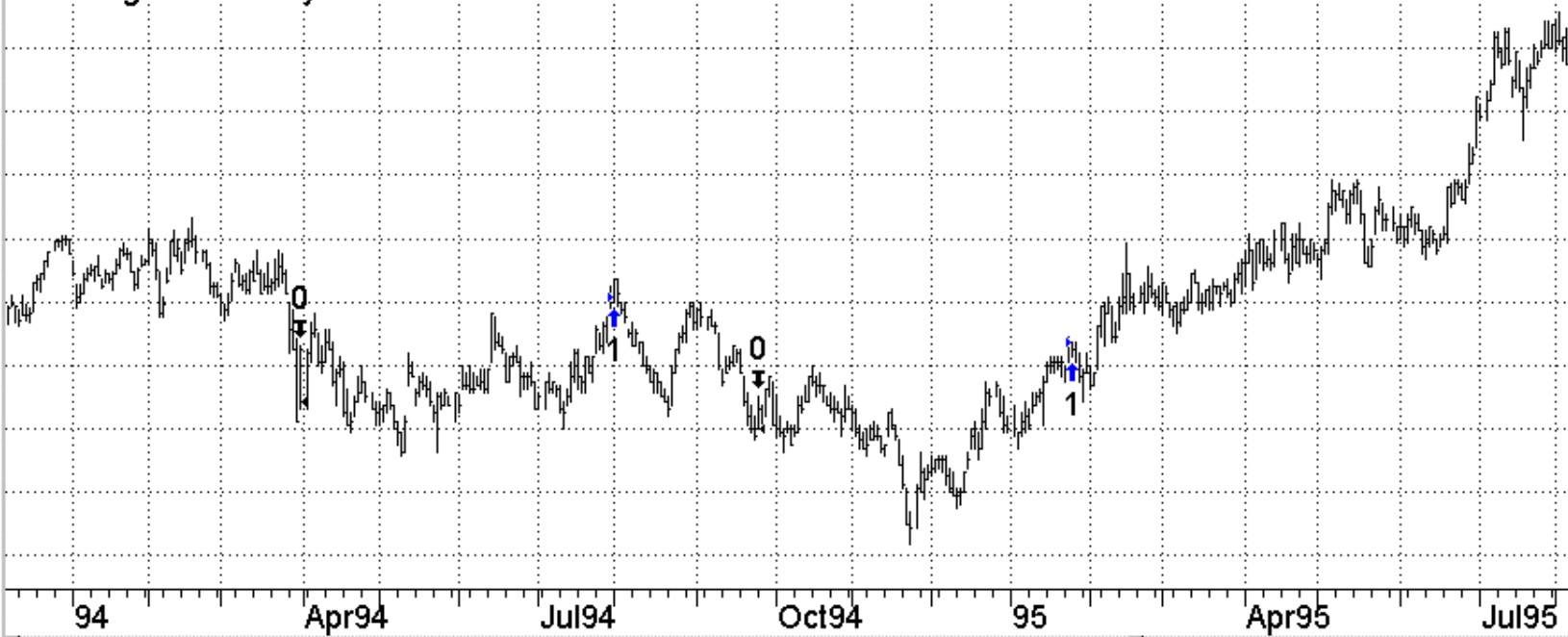




Allied Signal Inc-Daily



Allied Signal Inc-Daily



Allied Signal Inc-Daily



Allied Signal Inc-Daily



Allied Signal Inc-Daily

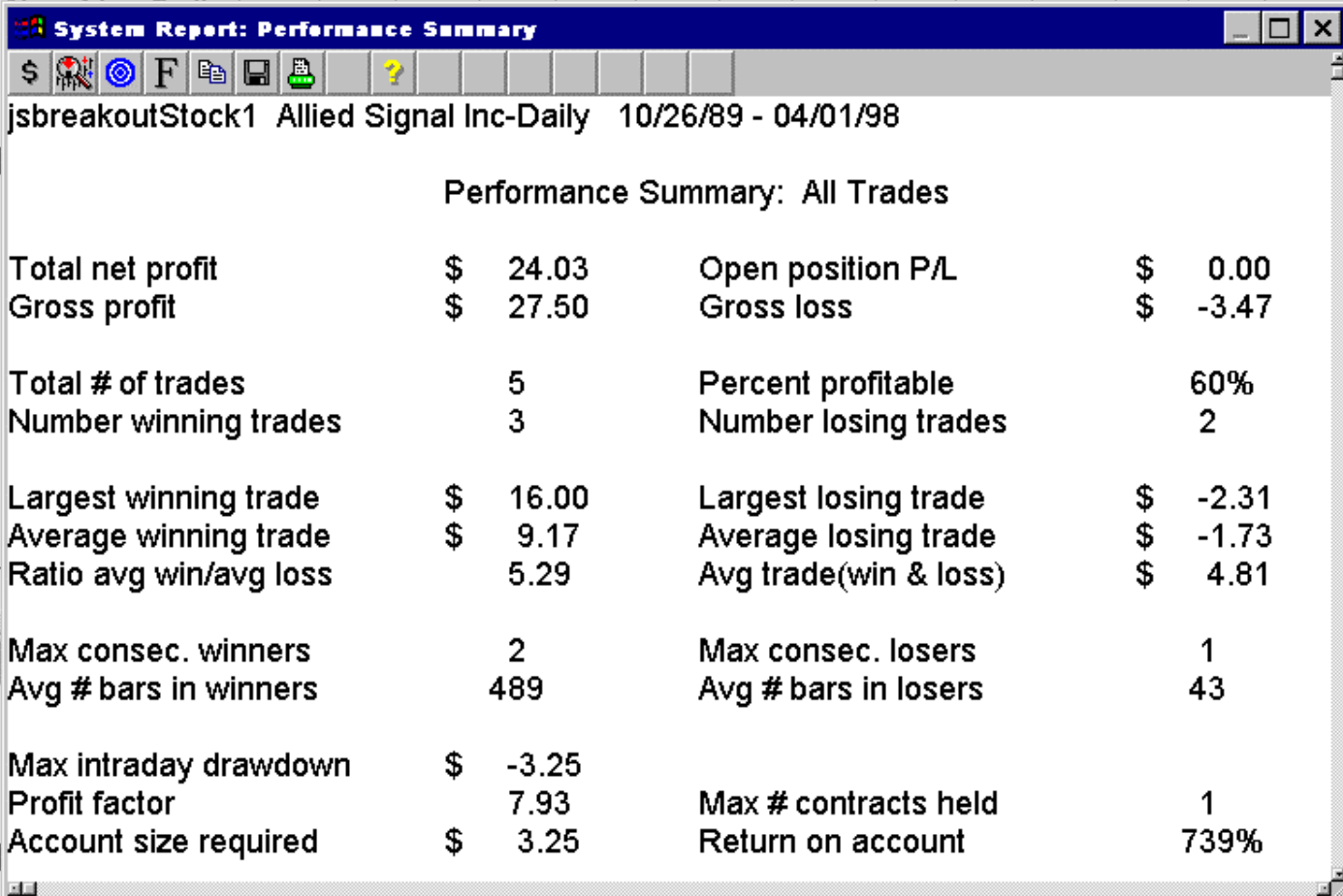


Allied Signal Inc-Daily



Allied Signal Inc-Daily

Allied



Breakout (N=80)--Buys Only

Oct89 90 Apr90 Jul90 Oct90 91 Apr91

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Breakout (N=80)

System Report: Performance Summary

jsbreakout Allied Signal Inc-Daily 10/26/89 - 04/01/98

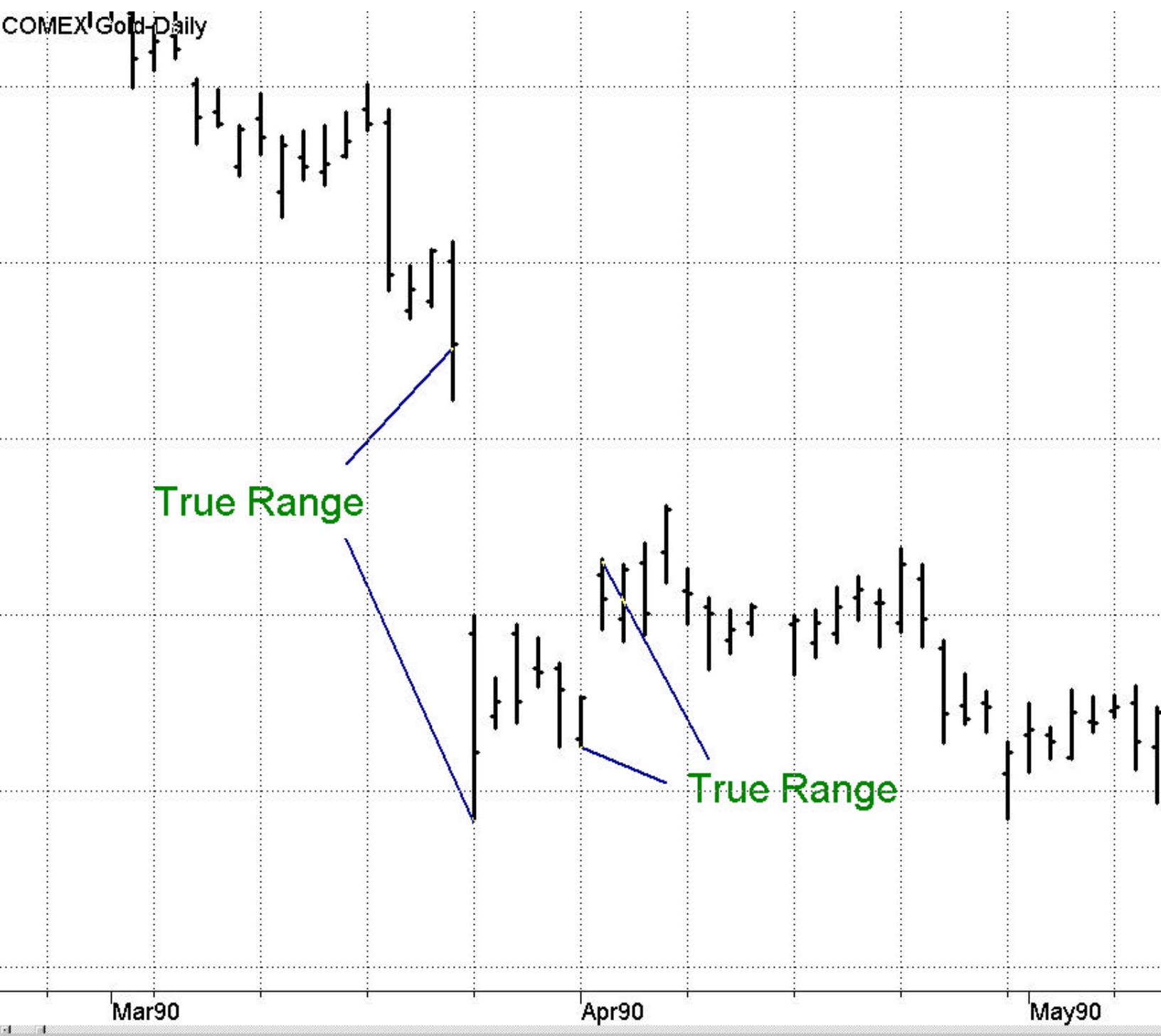
Performance Summary: Long Trades

Total net profit	\$ 24.03	Open position P/L	\$ 0.00
Gross profit	\$ 27.50	Gross loss	\$ -3.47
Total # of trades	5	Percent profitable	60%
Number winning trades	3	Number losing trades	2
Largest winning trade	\$ 16.00	Largest losing trade	\$ -2.31
Average winning trade	\$ 9.17	Average losing trade	\$ -1.73
Ratio avg win/avg loss	5.29	Avg trade(win & loss)	\$ 4.81
Max consec. winners	2	Max consec. losers	1
Avg # bars in winners	489	Avg # bars in losers	43
Max intraday drawdown	\$ -3.25		
Profit factor	7.93	Max # contracts held	1
Account size required	\$ 3.25	Return on account	739%

Oct89 90 Apr90 Jul90 Oct90 91 Apr91

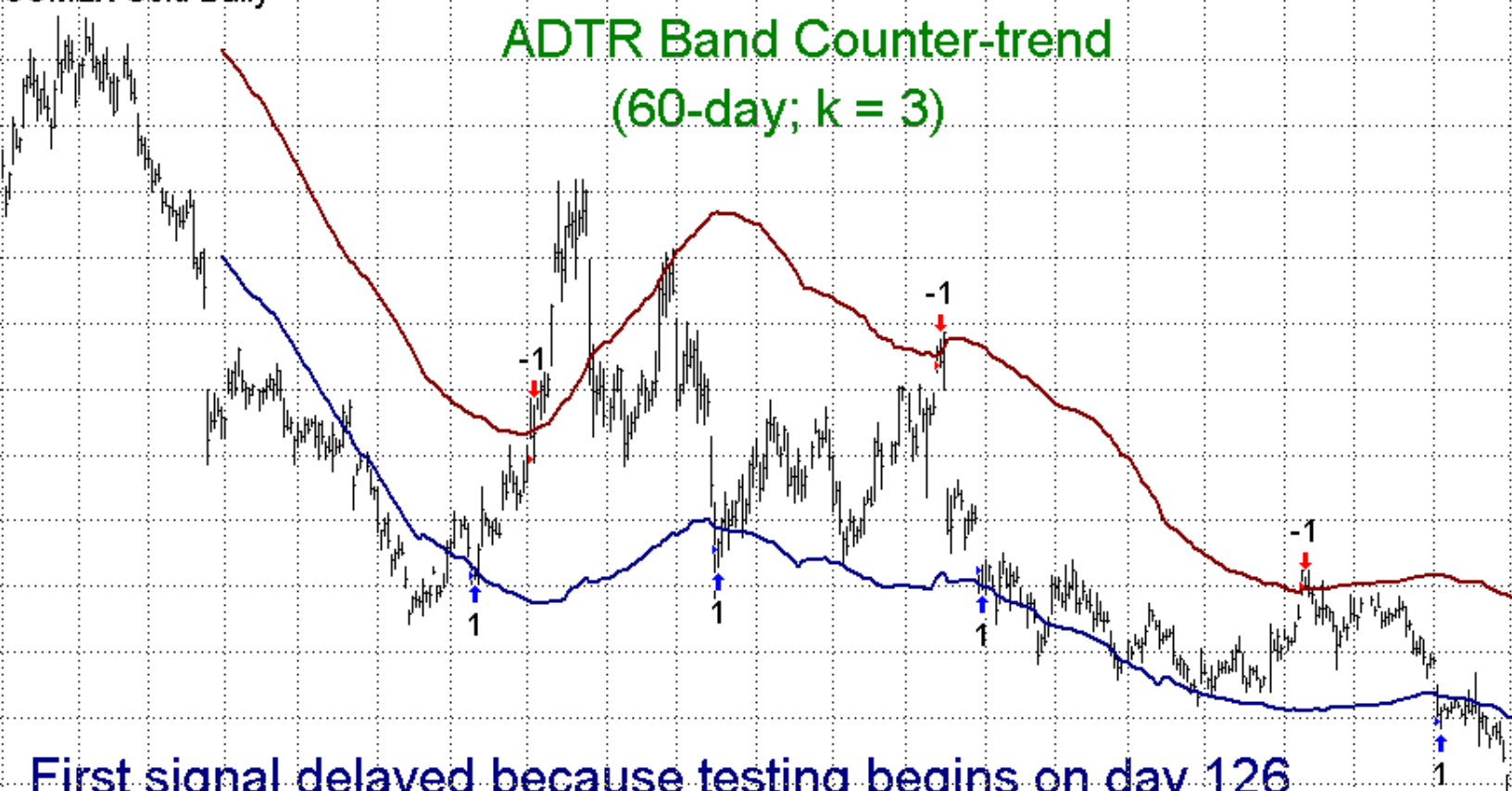
***An Alternative
Approach -
Counter-Trend
Systems***

COMEX Gold Daily



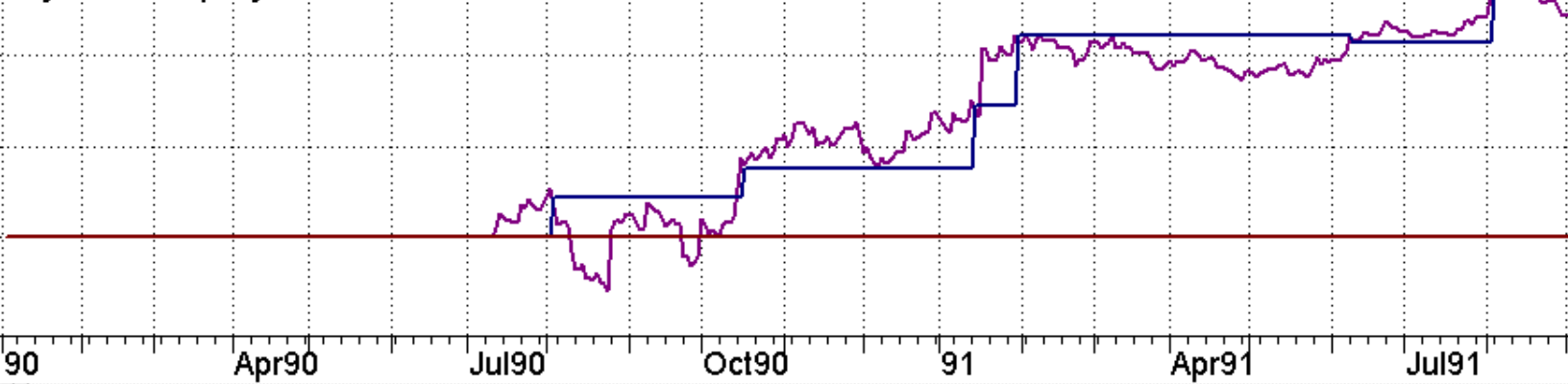
COMEX Gold-Daily

ADTR Band Counter-trend
(60-day; $k = 3$)

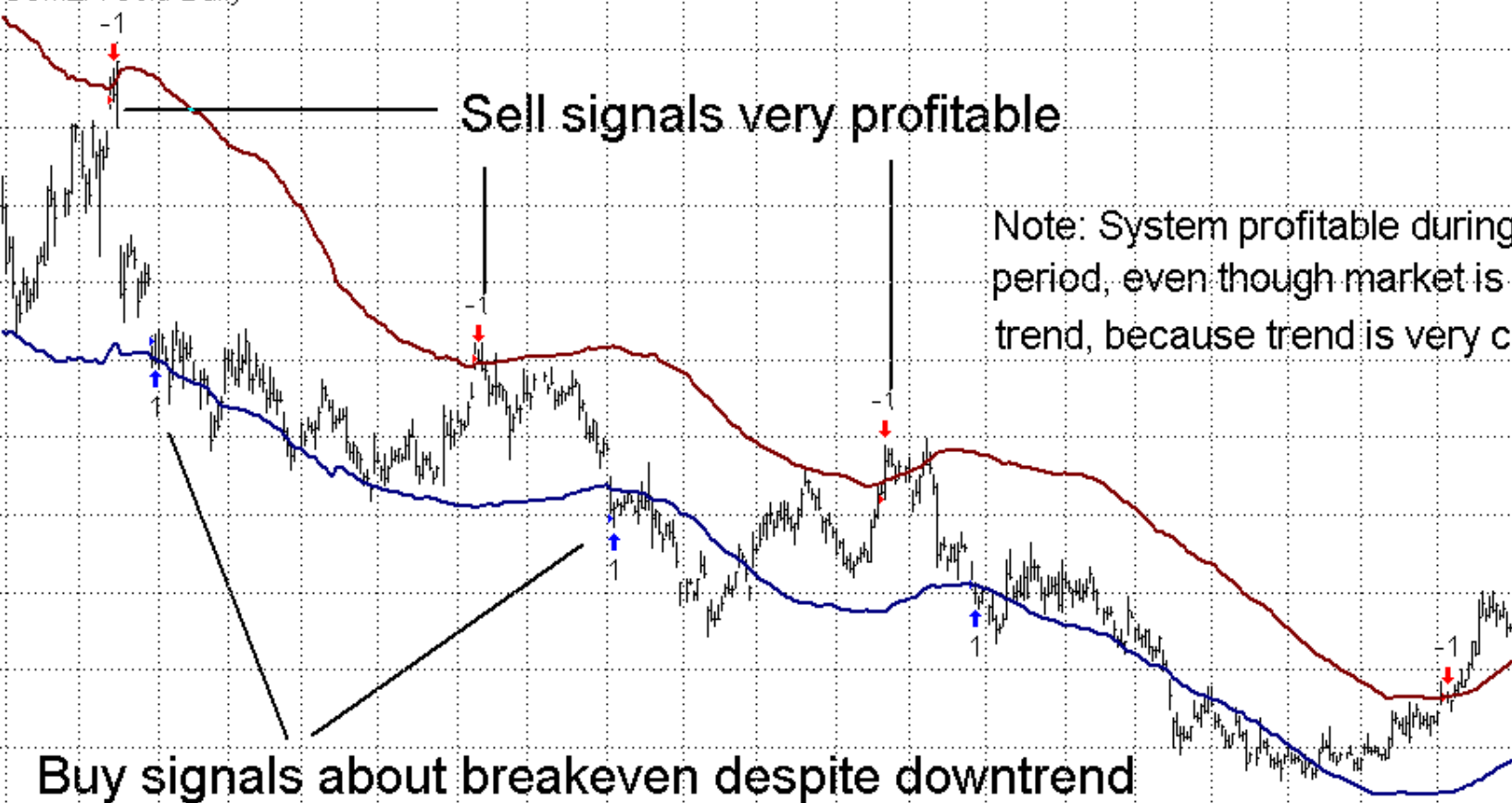


First signal delayed because testing begins on day 126

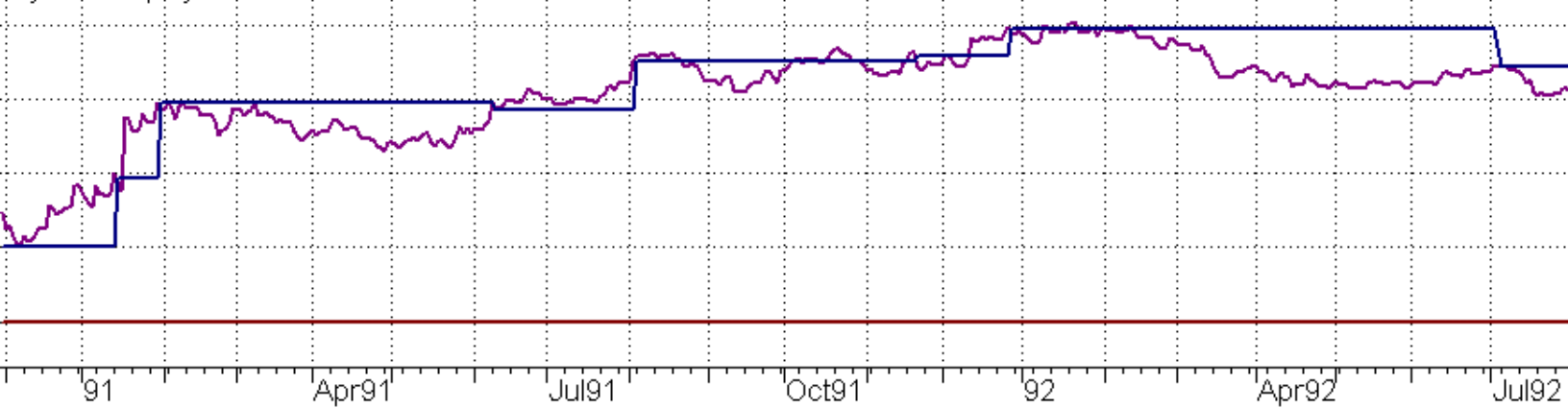
System Equity



COMEX Gold-Daily



System Equity

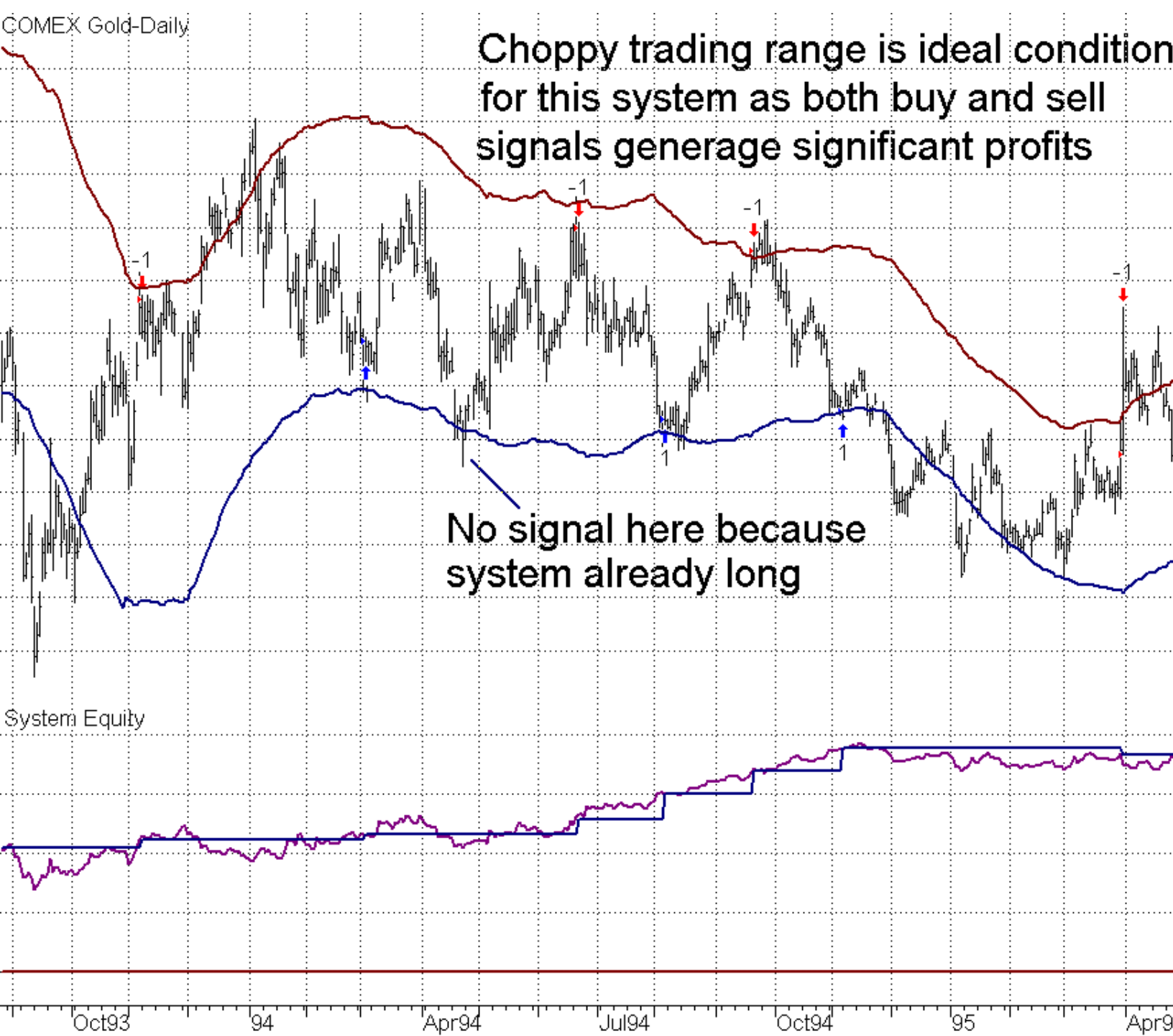


COMEX Gold-Daily



COMEX Gold-Daily

Choppy trading range is ideal condition
for this system as both buy and sell
signals generage significant profits



System Equity

COMEX Gold-Daily

