

ISSUE 15

POTPOURRI

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Howard G. Sartin, PhD
Founder and Chairman of the Board



A NOTE FROM THE PUBLISHER.

Here's some good news for those of you who don't yet have a Sharp hand-held 1350 or 1360. Many of our Mid-West ENERGY! clients have switched over to the IBM compatible Toshiba 1000 Lap Top. They will sell their Sharp hand-helds, together with Printer, Interface and minimum 16K memory cards at a greatly reduced price. If you're interested call or write Elton Smith for details: Box 410015, North Kansas City, Mo. 64141. Phone: (816) 471-3188.

The reasons so many serious clients are switching to IBM compatible lap-tops are speed, enhanced capacity to sort more complex algorithms, the ability to evaluate more contenders and/or to analyze multiple pace lines for a single horse. When one is in doubt Every Contender can be entered initially and then scratched as the user sees the inadvisability of using horses that do not match up. Utilizing these powers has turned many non-winners into highly proficient handicappers.

Entering several pace lines for a single horse often demonstrates just how CLOSE several lines can actually be, thus demonstrating that there is not necessarily a single RIGHT pace line. It also delineates lines where the horse failed to run to its average Behavioral line: the second fraction. (Turn Time.) The capacity for almost instantaneous scratching and re-entry paints a graphic portrait of an animal's performance cycle that helps point to proper pace line selection and, more importantly, is a vital aid to pattern recognition and insight training. Our advanced programs will all provide graphics that illustrate the running of a race in such a way that one can immediately visualize non-viable contenders.

Some of you are under the misconception that ADVANCED PROGRAMS are only for Advance Users. Quite the contrary. The more advanced the programs are designed to incorporate automatically the advanced procedures that we have presented in the past year. As an example, the behavioral pattern (ESP) of each horse is computerized so that the match-up mix in any race is computer defined. Also, + and 0 races can be immediately perceived through computer readouts. Adjustments are clearly depicted with alternative adjustments offered for special circumstances.

Here is an example from our Experimental SYNERGETIC MATCH-UP II program, designed to bridge the gap between velocity and ENERGY!

P I R C O

And The

Inland Empire Institute

Presents

The Sartin Methodology

P H A S E

S Y N E R G E T I C M A T C H - U P

S A R T I N / B R A D S H A W

MS/DOS Version By Bob Purdy

Copyright 1988, 1989

E N E R G Y G E N E R A T O R

* * * * *

RAW ENERGY FACTORS

Name	Total	Hidden	Fx	Med	Lex	3rd	ESP Type
AAA	169.67	65.28	66.07	69.65	30.35	53.20	S/P Presser
BBBB	159.74	64.40	67.87	66.68	33.32	51.55	S/P Presser
CCC	161.58	64.80	68.48	66.06	33.94	53.78	Sustained
DDDD	168.13	64.63	65.56	70.50	29.50	50.77	Early

NAME ==> AAA

NAME ==> BBBB

Pace Adjustment is = -1.30

Pace Adjustment is = 2.01

Alternate Adj. is = 0.96

Alternate Adj. is = 2.91

Enter Your Adjustment ==> .96

Enter Your Adjustment ==>

NAME ==> CCC

NAME ==> DDDD

Pace Adjustment is = 1.40

Pace Adjustment is = -0.79

Alternate Adj. is = 3.31

Alternate Adj. is = 0.78

Enter Your Adjustment ==>

Enter Your Adjustment ==>

M A T C H - U P

* * * * *

Race: Dist = 6.0 FURLONGS Comments:

Name	Total	RAW	
		Median	Factor X
AAA	169.67	68.64	66.07
DDDD	168.12	69.80	65.56
CCC	161.57	66.71	68.48
BBBB	159.74	67.72	67.87

Name	ADJUSTED		
	Total	Median	Lex
AAA	172.55	71.42	28.57
CCC	168.77	67.92	32.07
BBBB	168.47	68.77	31.22
DDDD	165.75	69.84	30.15

Pace	Matchup		
	F 1	F 2	F 3
	59.87	58.53	54.56
AAA	59.87	58.53	54.16
BBBB	59.78	54.23	54.46
CCC	59.27	53.32	56.18
DDDD	58.67	57.10	49.98

Name	Deceleration Ratio		
	Early	Late	Total
AAA	98.70	91.65	90.46
DDDD	98.65	86.36	85.19
BBBB	96.57	94.34	91.11
CCC	96.28	98.45	94.79

Doctor S Match Up

Name		1st	2nd	3rd
AAA	1	59.87	59.09	54.16
BBB	2	59.78	57.73	54.46
CCC	3	59.27	57.07	56.18
DDD	4	58.67	57.88	49.98

[illegible]

Doctor E Match Up

Start	1st	2nd	3rd
	X 1 2	X 1	X 1=AAA
	X	X	X
	X	X	X
	X	X	X 3=CCC
	X	X	X
	X 3	X	X 2=BBBB
	X	X	X
	X	X 4	X
	X	X 2	X

RANKINGS

=====

	E P	F W	H E	S P	F X	L X	Muv
	===	===	===	===	===	===	===
AAA	1	1	1	1	3	4	0.00
DDDD	2	4	4	4	4	3	6.16
BBBB	3	2	3	3	2	2	1.36
CCC	4	3	2	2	1	1	1.77

Doctor E

AAA _____
 BBBB _____
 CCC _____

Doctor S

CCC _____
 AAA _____
 BBBB _____

Doctor P

AAA _____
 CCC _____
 BBBB _____

As you can see The Synergetic Match Up offers the ability to alter the suggested automatic adjustment with one tailored to the situation. This is especially helpful in adjusting Sprinters to Routes and for situations that are peculiar to certain areas such as Florida and the extremes of Aqueduct's Inner Dirt and Main Track.

The Synergetic Match-up derives its enhanced capabilities from the long research of Bob Purdy. The Doctor factor is no longer weighted just one way You are now shown all three weightings: Dr. E for Early biased tracks, Dr. P for relatively unbiased (presser) tracks and Dr. S for Sustained tracks. We have found they produce strong results in accordance with the running bias of a given track.

GLENN SMOCK

The ol' duffer recently got into a match race with the Big C and lost the first heat. He's currently at home in bed under treatment and asking for a re-match. His wife Annette is right there at his side. She asked us to thank those of you who learned of his plight for all your get well cards and cheery phone calls. Glenn's address is:

13202 Hoover Street-#33
 Westminster, CA. 92683
 Phone:(714) 892-9587

Stede George and Rena Darrow recently made generous contributions to the Sean David Purdy Memorial Fund and suggested that we offer a reminder of its existence and purpose. Since April was the anniversary of Sean's tragic death, we can report that he has certainly not been forgotten by ANYONE. His marvelous persona lives on in the hearts of all who knew him as freshly as this morning's headlines. His memorial fund grows. All of Glenn Smock's needs not covered by Medicare or Medical insurance will come from that fund.

Give Big C hell, Duffer. We're all with you.

HOW MANY SUPERHORSES?

by Huey Mahl

Way back in the Mid 70's, I took over as Editor of SYSTEMS and METHODS magazine for John Luckman at Gambler's Book Club in Las Vegas. I was a fill-in for the late and great Louis G. Holloway (LGH) who was quite ill. S & M was a consumer's advocate kind of publication much like Phillip's Racing Newsletter which Russ Dietrich started about the same time. We were friendly competitors but really did not compete because serious handicappers bought 'em both!

As Editor I evaluated advertiser's systems and wrote horsey articles as well. In 1975, I took all the World's Records of thoroughbreds and created a master graph charting the combined velocity curve of all the greats as if one great horse ran all the distances in supertimes. I called the mythical runner "Superhorse", and coined the original term as far as I'm concerned. He's still alive and well and lives in the covers of L.V. today!

However, in a year or so after, there was this character who went by the name of Al De Cuir. His best credentials were not equineology but gothic printing with a speedball pen! He came out with a "system" he called "Superhorse". I evaluated it and determined it was a vigorous exercise in illogic---I panned it as a rip-off. This offended Al terribly, and he hounded me unmercifully for years. I ignored the charlatan and went on to other things.

Well somehow, somehow, he's managed to sell his exercise in futility to a slick promotional outfit in New York (MMS Publishing). They are now flooding the mails with the most outlandish claims imaginable that would insult the intelligence of the most naive. Hey, they wouldn't do such a thing to Man O' War, why pick on my lil' ol' Superhorse?

No, Dear Reader, thank God we are in no way, now or ever, affiliated with this resurrected rip-off!

BRAVO HUEY!

This same Al De Cuir once challenged Dick Mitchell and myself to a handicapping contest. He billed it as Superhorse Vs. the Superhandicappers. Even though he was once, for a brief spell, a client of mine, neither Dick nor I could take the man and his wild claims seriously, so we ignored his offer. The next think we know, an ad appears saying:

"Superhorse challenges Sartin and Mitchell to a duel! No Contest! Superhorse is #1 by a wide margin."

Now, if you read this in the strictest sense of punctuation, it tells the truth. We were challenged, refused to play, so there was no contest. The final line starts a new thought. But that's NOT how it looked to the reader. The ad was withdrawn when I threatened suit. Just a little page from our memory book as inspired by Huey's column.

Incidentally, Huey, you were far more than a fill-in for the late, great Lou Holloway. You edited and authored the finest informational journal in the history of handicapping. You had NO competitor, friendly or otherwise. Your Systems and Methods issues should be enshrined. Only The Follow Up, almost a decade later, approaches the quality and viability of the work you did.

Saratoga!

The August Place to BE!

Aug 18-19-20

This has been a busy year for us, what with adding 4 Trackside Clinics to our usual schedule. We normally have only 2 or 3 seminars in any given year and let it go at that. This year, we started out with New Orleans and may finish up with Saratoga. We usually have something in Las Vegas, but it may not work out for us this year. (I'm still trying) If you're making plans, plan on Saratoga.

A number of new clients have asked me what the difference is between a Seminar and Trackside Clinic, and which did I think they should attend. Naturally, I think you should take advantage of every opportunity to further your personal growth in your chosen profession and attend them all, but the reality is that most people don't have the time for too many of these. The Clinic is a small workshop, with a few teachers demonstrating their personal techniques for contender and paceline selection. It does not attempt to cover all the bases. The Seminars are the real thing. A full weekend immersion in the Sartin Methodology, without the lure of the track to distract us. Vital subjects are covered in exhaustive detail, which just isn't possible at the clinics.

So if you can only get away for one; the Trackside Clinic will probably be more fun, but the Seminar will be a vastly greater learning experience. I guess the answer all depends on how serious you are. Now a word from our hard working man on the scene: Bert Mayne.

* * * * *

Well, summer is fast approaching for real, and it's time to think of the splendor of Saratoga! This year, we'll be experiencing "The August Place to Be" for the weekend of Aug. 18, 19 and 20. The usual Monday optional trip to the Queen of Tracks will be a part of the possibilities that await all who come to enjoy this very special PIRCO event with us.

For those of you who haven't come to a Saratoga Seminar in the past, let me paint a few pictures: The Desmond Americana is truly a first class hotel in all respects. Now, around the Albany-Saratoga region in August, you expect to pay top dollar for bottom of the barrel accommodations. However, we've been able to secure a block of rooms with the best hotel in town for the standard commercial rate, just because we're PIRCO and they've come to look forward to having us. You can always arrange a roommate for a saving of about half. By now, after all the seminars Doc has held, many of the regulars have friends they room with. If not, give me a call and I'll see what I can arrange.

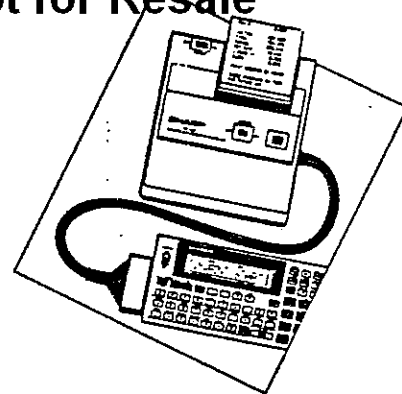
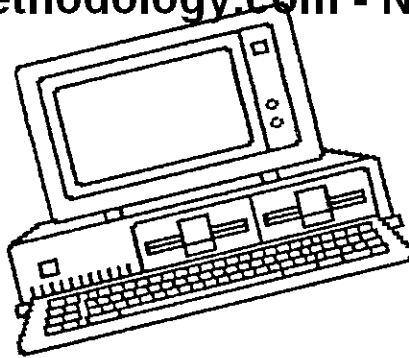
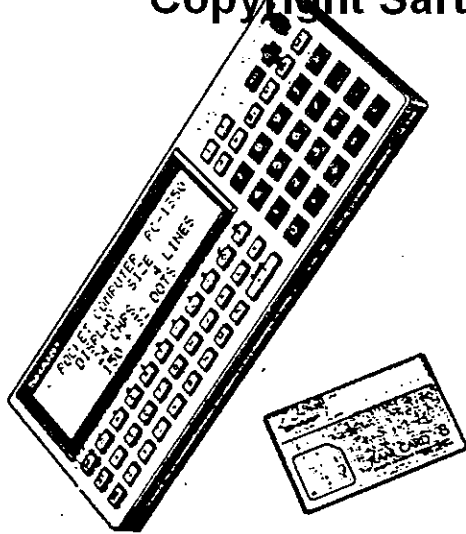
The meeting room is the finest place to hold a meeting that I know of. The seating is in tiers of tables, with comfortable seats that make note-taking a breeze. Acoustics are perfect, so you'll catch every pearl we drop. The restaurants in the hotel are excellent (try the seafood). I always think it helps to have a seminar in surroundings that befit a company of winners!

But enough of my hedonistic love for the Desmond (but really now, as a good Presbyterian, I'll never become Pope, so I like to brush up against the lifestyle at least once a year). The real drawing card is the seminar itself. The entire PIRCO Flying Circus will be there in full force. Doc can afford to bring the entire group of Charter Members East only once a year, so this is a very special opportunity for those of us "back East" to meet and learn from the best. This is usually our smallest seminar of the year and there are plenty of "one on one" opportunities, Both at the breaks and in individual small workshops Saturday afternoon, as well as a full slate of fascinating presentations.

This year we have added a special feature to the seminar: on Monday before we leave for the races, several of the PIRCO Charter members will go over the races with you, giving advice on contenders and pace lines. (Editor's Note: This will be very similar to what we do at the Trackside Clinic) This is your chance to find out a lot more about the equine side of reality, and, in all probability, learn at least a bit about yourself in the bargain.

The Seminar will include all the usual Saratoga options: Racing Form delivered to the meeting room, Sunday evening banquet (Editor's note again: with outstanding entertainment a feature of the evening), chartered coach to Saratoga on Monday, and the option of joining all the PIRCO members in the Paddock Pavilion. For those new to Saratoga, the Pavilion is a lovely festive tent next to the saddling area where the food and drinks are lavish and (most important at Saratoga) we have our own private betting windows. Rarely will you need to wait in line more than a minute or two. The ticket to Pavilion entitles you to clubhouse admission as well, so you have the run of the track. Take advantage of it.

All in all, this is a unique seminar. Albany is thirty miles south of Saratoga, it's the state capitol, and there's plenty of historic and entertainment sightseeing for other members of the family. The only less-than-wonderful aspect of the whole event is the remarkable throng of visitors the area gets in August, and consequently the very early deadline we have to make reservations. If you want to stay at the Desmond with us, you **MUST** call as soon as possible and reserve a room. (800 235-1210. In NY 800 448-3500) I was able to get the same number of rooms as last year, but they won't hold them beyond July 28 because of the demand during this peak season. So make your plans early. We'll be sending out notices as usual on this Seminar, but why wait? See you there!



THE COMPUTER COLUMN

BY DICK SCHMIDT

When last we saw our happy little computer program, we had it merrily churning out raw third fractions, which, with the help of a chart (mind the typos), could be easily converted to third fraction ratings. A real time saver, but not good enough for the truly slothful. A quick glance at the chart shows us that it is in easy to duplicate 1/5 of a second steps. If it were irregular, this would be a much harder project.

Again, we'll start with a bit of forethought. Makes life so much easier later on when you manage to avoid writing yourself into a corner and have to renumber 46 lines of code to get yourself out. (Ask me how I know this) First, we'll see how much slower the raw third fraction is than a 100 rating (in fifths, of course) then subtract from 100 to get a FFER number. Next, we'll turn our attention to PBS, where we'll finally use the projected second call we've been ignoring all this time. We'll print these two ratings, then go on to calculate % Median. Piece of cake.

The first step is to subtract a 100 rating time from our third fraction. This will almost always give us a negative number, but that's OK. Next we multiply by 5 to see how many fifths of a second are involved, then subtract from 100 to get our rating. Here's how it's done:

```

420:IF D=6 THEN LET RR=F
      X-22: GOTO 530
430:IF D=8 THEN LET RR=F
      X-23: GOTO 530
440:IF D=6.5 THEN LET RR
      =FX-28.5: GOTO 530
450:IF D=8.5 THEN LET RR
      =FX-29.3: GOTO 530
460:IF D=7 THEN LET RR=F
      X-35: GOTO 530
470:IF D=9 THEN LET RR=F
      X-36.2: GOTO 530
480:IF D=8.181 THEN LET
      RR=FX-26.5: GOTO 530
490:IF D=8.318 THEN LET
      RR=FX-27: GOTO 530
500:IF D=5.5 THEN LET RR
      =FX-16.4: GOTO 530
510:IF D=7.5 THEN LET RR
      =FX-41.2: GOTO 530
520:IF D=9.5 THEN LET RR
      =FX-42.5: GOTO 530
530:R3=RR*5:FN=100-R3
  
```

One more quick step and we've got our third fraction rating. We round off the number, rounding up if it is .5 or more, otherwise rounding down.

```
540:XX=FN- INT (FN): IF
    XX>=.5 THEN LET FN=F
    N+1
```

We're now the proud parents of a bouncing new third fraction rating. If we (or you) ever decide to make any changes in the rating scale, all you need do is change the value for a 100 rating. Should take all of 5 seconds, after you've done the months of work it will take to develop a superior number. Just ask Tom Hambleton. So let's go for PBS numbers.

We'll need to subtract the actual second call from our projected second call, convert back to fifths of a second, add the speed rating and make any needed distance adjustment. Also, if we have a sprinter stretching out, we need to short circuit the process and just do a distance adjustment. Here's what it looks like to the computer:

```
550:PS=0:PH=0
560:PS=PL-SL
570:IF PS=0 GOTO 590
580:PH=(PS*10)/2
590:RS=D-DD:RS=RS*2
600:IF DD>7.9 AND D<7.9
    THEN LET PBS=SR-((DD
    -D)*2): WAIT : GOTO
    630
610:PBS=SR+PH+RS
620:XX=PBS- INT (PBS):
    IF XX>=.5 THEN LET P
    BS=PBS+1
630:IF PM$="N" THEN
    WAIT
```

You'll notice we do our round off trick again. Line 630 is just for the Sharp people, as it pertains only to the pocket computers. Now, having computed both these numbers we need to display them. Here you go:

```
640:CUSOR 24: PRINT
    USING "###";PBS = "
    ;PBS;" FFER =";FN
```

Line 650 interrupts the program at this point and sends us back to do the next horse if we have told the computer back when we set up the race that we didn't want to do % Med. As I told you last time, if PM\$ equals anything but N, the value we set it to when we start out, then the computer will do a % Med for us. Anyway, here is the % Med calculation and output routine.

```
650:IF PM$="N" GOTO 160
660:CS=3960:FD=2640:SD=1
    320
670:IF D<8 LET CS=2640:F
    D=1320
680:F1=(FD-(10*B1))/BL
690:F2=(SD-(10*(B2-B1)))
    /(SL-BL)
700:F3=((((D*660)-CS)-(10
    *(B3-B2)))/(FL-SL)
```

```
710:PY=(F1+F2)/(F1+F2+F3
)*100
720:CURSOR 74: WAIT :
PRINT USING "###.##"
;"% Median = ";PY;"%
730:GOTO 160
```

A few final thoughts on using this program. It is tempting to use it like we do the Class/APV program: turn off the brain and crank the numbers through the machine. That works OK for Class/APV, where there are very few decisions to be made. With third fraction, and especially PBS, a no-brain approach can be disastrous.

Because the PBS numbers are such a powerful tool, we need to pay particular care when we chose what line to rate. Most of the time we will use the last line, but there are exceptions. A change of surface, distance structure or a trouble line can all be legitimate reasons for going back a line to get our PBS rating.

We also need to remember that this program doesn't know from track to track adjustments. We need to add them in. What I've done is made up a little chart that shows the needed adjustments for all the major tracks in California, plus those like Longacres and Turf Paradise that ship into Southern California regularly. I suppose I could computerize the process, but that would take a lot more code and mean that you would have to tell the computer what track each horse was coming from and where the race was being run. Sometimes a simple chart is best.

Once, long ago, one of the primitive versions of Synergism required the speed rating on each horse. Before we devised a much more elegant method of making adjustments, I wrote a tiny little program that would calculate the speed rating for the internal fractions of any horse moving from a route to a sprint. One of these days I'll get ambitious and recreate that again, but for the nonce you'll need to do this by hand. Ah, the hardships we suffer for lust of riches.

One further warning, then I'll let you go. Now that you can do a third fraction rating in about ten seconds, it is tempting to do 5 or 6 for every horse that looks alive. Then we are faced with a horse that has a dreadful rating of say, 65 in its last race, but put down an 85 four races back. Tempting to go back for that 85, or maybe average three or four lines and say the horse with a 65, 70, 80 and 85 usually runs an average of 75. No, this is the picture of a horse going seriously out of form. Beware averages.

I will look at several numbers for each horse, to try and find a typical third fraction, and may well ignore a bad last race if there is an excuse, but as with PBS numbers, the most current line is usually the most predictive. Just because you can do a rating for every line in past performance charts doesn't make it a good idea. Don't get carried away with your new toy.

P.S. If there are any real programmers in the crowd who think of improvements, or you convert this to another computer (we already have someone working on a real neat IBM version, and Paul Yudel just finished an Apple version) let me know and we'll make them available to others.

Giddy-Up Synergism

The Sharp 1350 and 1360 computers are almost ideal little handicapping machines, really lacking only one thing: speed. They churn out the right numbers, but they do take their time about it. When we were using Phase III, and only sorting a couple of things, it wasn't too bad, but with Synergism, and now Synergism II, the wait stretched on into infinity. Or four or five minutes, which can seem like infinity if you're sitting there staring at the screen, listening to the announcer tell you the horses are approaching the starting gate.

Up to now, there wasn't much we could tell you but buy a faster machine. An IBM is plenty fast, but even a laptop is hard to stick in your pocket and not terribly convenient to take to the track. Enter our Demon Programmer, who was not only frustrated by this, he did something about it. He has asked to remain anonymous, but his contributions are enormous. He has set the Synergism II sort to music. Or rather to machine language, which is music to a computer's ears. (Computers got ears???) The result is that the sort only takes a few seconds and the results appear to our wondering eyes much faster.

Now, before you get too excited, remember that Synergism II is doing a lot more than just sorting. It is converting to feet-per-second and making adjustments to beat the band in there, and lots more besides. All this stuff remains at the old speed. It's not until we start sorting out all the resulting figures that we go into overdrive. The bottom line is that Synergism II runs about twice as fast, and thus produces results in half the time as the old, uncompiled version did.

Ya want it???? Well, OK. We got it. Because there are many unseen differences between the 1350 and the 1360, you need to tell us exactly which computer you have. Also, our Demon Programmer tells me that a few (about 5%, he hears) of the Sharp computers use different ROM instruction chips, and will not handle his wonderful new code. Chances are yours will work just fine, but if not, let me know and we may be able to work out a fix. I've tried it on about 7 1360's and 2 1350's and all worked fine. This may be a phantom rumor. We'll see.

Anyway, to order this new version (nothing but the sort has been changed) send \$15.00 to the happy crew at the Institute and request Synergism II FS (Fast Sort) for your computer. (Assuming you already bought Synergism II. All new orders will be filled with the new version and the price remains the same) Don't forget to tell them exactly which machine you have, or they'll send your check back. The price is a little higher than our usual replacement cost because the Demon Programmer demands (and deserves) tribute. In the form of royalties. He did a lot of hard work.

The future will hold more wonders of speed for the Sharp computers. A Real Fast Phase III is in the works, and the ENERGY! Program will be next. Stay tuned for further developments.

The Match-Up by the Numbers

Dear Howard,

In addition to the latest set of energy reports, you will find a write up of an interpretation of the matchup that I have found useful. Since my background before the methodology (and there is no after) was a speed handicapper, you can imagine my delight when I found that a speed-like interpretation of the matchup is feasible. In fact it is far more than feasible, it has replaced PBS numbers as the velocity-based mainstay of my contender selection. In some cases, I will use class to see whether a shipper belongs in a race, but in the majority of cases, the matchup by the numbers is adequate to select the contenders and to type the race.

The basis of the idea came from Tom Hambleton's presentation at the last Beaumont seminar. By the way, I found that going to both the Sunday and the Monday seminars made the ideas stick in a way that I have never experienced before. I also found that your presentation of the deceleration diagram was clear and very useful. In my spare time, I am working on a numerical interpretation of the deceleration diagram.

The major problem that I am having is the correction of each of the pace races for the race variant. I imagine that this is also a central theme of your work in energy and now in the deceleration program.

In general I am satisfied with my progress, although I feel that I should be farther ahead after four years in the methodology. However I really do like to experiment as well as handicap, and this has held me back from attaining full competence as a handicapper. I remember your comment about those people for whom the world is a new place each morning, and I do identify somewhat with that style. If there is any one personality trait that needs work on my part, it is the tendency to be too casual about a race, and overlook some important facet. I have tried to reduce this tendency by adopting a procedure, with good results. I look back over the past years and my evolution from an interested onlooker to a committed believer. I now know that the methodology works. I have been able to identify the reason for every race that I have lost in the past 120. In some cases, I lost because of a judgement that was conscious, and that is O.K. In other cases, I lost because of a factor that I overlooked, and that is not O.K. The incidence is ever decreasing, of course too slowly for my type of personality.

The interaction with the teaching members is stimulating, and something that needs to be spaced in time so that I can digest all of the neat concepts. It seems that there is an increase in the pace of the generation of ideas since the advent of the Follow-Up, and the interaction that the written forum allows.

Membership in the PIRCO is worth far more than money, it provides emotional and intellectual stimulation, and even a source of pocket money. Such a deal!

You and all of your staff must be thanked again and again for being there and providing support and service. I must mention in particular Dick Schmidt who provides a certain type of Teutonic glue that keeps the pieces from flying off. Of course there is also the office staff Mary and Jay, and the ever increasing number of talented teaching associates. PIRCO is stronger than ever, and we all stand to gain.

Thanks,



An Expanded Look at The

Quick Method

PACE CHART

By

Tom Barber

As usual, the weekend in Beaumont proved to be more thought-provoking than I had ever dreamed. The presentations by Michael Pizzola were entertaining and useful, and the presentations by Tom Hambleton on the third fraction score, and the last-but-not-least presentation by Doc on the deceleration graph were to stick in my mind like a burr. I was particularly impressed by Tom's tone of voice in his presentations-he clearly understood and believed in the power of the material that he presented. And when Doc said of the deceleration graph "you have got to understand this", I have been around long enough to get the message that this is important.

When I came down with the flu a few weeks after the seminars, I used the time spent not infecting my fellow workers to try a few ideas that had come to me while listening to the masters.

The point that was the hardest for me to grasp about the third fraction score (I believe that Tom coined the acronym FFER) was how the position of the horse at the second call was accounted for. I tried subtracting lengths behind at the second call from the FFER, but this did not seem to work consistently. So I tried something so simple that it cannot work, - I made an equivalent score for the second fraction using the table labeled Sartin Downs from the Match-Up manual. Doc always said that he was throwing out pearls, but nobody was picking them up. He's right.

The base times for the second call are even simpler than for the third fraction. All you need is a four furlong base for sprints, and a six furlong base for routes. I used 44 seconds and 1:09 respectively for the base score of 100. Then I followed the example of Tom's, using 1 point for 1/5 second and 1 point per length. For example a time of 45.2 and 2 lengths behind would rate a second call score of $100 - 7$ (for time) $- 2$ (for lengths) which is 91. Then I started to do a whole bunch of races using the numbers. I began to think of the scores as lengths in today's race. The largest second call horse score became the pace of the race that I was handicapping, and the rest of the second call scores represented positions behind the leader. Then I saw the third call scores as the measure of the horses ability to catch up to the leader. As Vito would so clearly say "if the horse can't catch up, he don't belong". It was a short step to seeing that the average of the second call score and the third fraction score was a direct measure of the total ability of the horse. By this time, I could see that I had reinvented the Match-Up, but in a set of numbers that are more familiar to speed handicappers. Doc says that you have to make it your own before you will succeed with the methodology.

In handicapping a race, I find it essential to follow a procedure-not a set of rules, but a set of actions that I repeat for each horse in each race so that I don't miss something important. My first step is to identify all of the tandem pace lines in the race. Then I calculate second call and third fraction scores for the last and the best race for each horse in the race. This gives me all of the data that I will need for the matchup- the

second call pace and the ability of each of the horses to catch up to the pace setter. By this time, I can eliminate many horses, most likely because they can never hope to stay with the pace of the race. Bradshaw would call those "slow horses". I have to admit that I have never known quite as clearly what a slow horse is until now. With the contenders in mind, I can now see that the race will be won by a horse that gets out in front and nobody catches it (early pace) , or the pace will be set by one horse and another horse can pass it and win going away (sustained). After this exercise, I am well ready to put the contenders into the computer program, knowing pretty much what to expect as the answer,

There are a number of circumstances that can make this method not work well for contender selection. The same problems that plague speed handicappers bother this approach (but less since we use two pace increments in place of the single final time.) An off track will cause inaccuracies, and shippers from fast minor tracks or slow major tracks will also cause problems. The way around this is to include the off track horses if they show a reasonable recent effort, and to develop a correction factor for minor and major tracks. (This was the point of the first exercise written by Doc Sartin in the Match-Up manual.) For example, I subtract a full five points from all of the scores for a horse from Caliente. This may be too stiff a penalty, but there are few horses that from down there that can run with the majors.

Since using this method for qualifying contenders, I find that the variegated predictor (in Energy) is right on every time that I have the winner in the computer.

The message is to listen to the experts, especially if they have that winners tone in their voice, and thank you Tom Hambleton and Doc Sartin.

* * * * *

Editor's Note:

This program is written in a "high level" version of basic. Most of us will need to use line numbers and GOTO statements, rather than this more elegant type of code. I assume that this was written on an MS-DOS based machine, but I don't know what machine or Basic implementation was used. If you'd like more information on this program, please don't call me or the PIRCO office, as we have no knowledge of it at all.

You can write to Tom at the address below. Please do not call without writing first, as this sort of thing can get out of hand. (Ask me how I know that!)

Tom Barber
800 Arden Rd.
Pasadena, CA 91106

A Simple Pace Score Computer Program

BASIC PROGRAM FOR PACE SCORES

```

top:
PRINT
REM Input Bloc
INPUT "DISTANCE";d2
INPUT "2C TIME";t2
INPUT "FIN TIME";t3
INPUT "LB 2C";l2
INPUT "LB FIN";l3
REM Third fraction base times
IF d2<5.5 THEN b3=12:GOTO down
IF d2<6 THEN b3=17:GOTO down
IF d2<6.5 THEN b3=22:GOTO down
IF d2<7 THEN b3=29:GOTO down
IF d2<7.5 THEN b3=35.6:GOTO down
IF d2<8.5 THEN b3=22:GOTO down
IF d2<8.9 THEN b3=29:GOTO down
b3=35.6
down:
IF t2>100 THEN t2=t2-40
t2=INT(t2)+2*(t2-INT(t2))
IF t3>100 THEN t3=t3-40
t3=INT(t3)+2*(t3-INT(t3))
REM Long race 2nd call conversion
IF t3-t2>45 THEN opt ELSE norm
opt:
t2=(t3-t2)/2
norm:
f3=t3-t2+(l3-l2)/5
f4=t3-t2
x1=b3-f3
x2=b3-f4
y2=100+5*x2
y1=100+5*x1
REM Second call base times
IF d2<8 THEN b4=44 ELSE b4=69
a3=100+(b4-t2)*5
a2=a3-l2
PRINT " Race 2c pace= ";INT(a3);" Race 3f pace=";INT(y2);" Race avg.
pace=";INT((a3+y2)/2)
PRINT " Horse 2c pace=";INT(a2);" Horse 3f pace=";INT(y1);" Horse avg pace=
";INT((a2+y1)/2)
INPUT "Another ? ";a$
IF a$="y" OR a$="Y" THEN top
    
```

Advancing Back to Yesterday

by Doc Sartin

The sudden resurrection of the various Quick Method Pace Graphs was instigated by Jim "The Hat" in his initial writings about the Match Up. Michael Pizzolla took up the challenge via the PBS numbers. Tom Hambleton frosted the cake with his use of 3rd Fraction Ratings. Now Tom Barber comes along with a PBS concept based not on Racing Form Speed Ratings, but the ratings from our own Quick Method Pace Charts. All of these were in the Blue Supplement to the Yellow Manual and represent the vestiges of the PHASE I Sartin Methodology which was scrapped with the advent of inexpensive computers.

I feel as though I were in a time warp. Our old charts also had Quick Method Early Pace, Sustained Pace, Factor X and Factor W. In the chart on the next page I've provided a Quick way to look at the Second Call of both Sprints and Routes, Turn Time and Hidden Energy. I must warn you that we got away from these charts because they were too imprecise. Using a fifth of a second for a length beaten or gained is dark ages procedure. In the first three decades of this century Pittsburgh Phil, Julie Fink, Sam Levine and Colonel Bradley made charts similar to these rating the speed/pace factors they deemed important.

In my own salad days, I used to add the 2nd call + 3rd fraction times for a quick, down and dirty (Sustained Pace) Elimination Factor. When doing this the LOW number is best. I took the five LOWEST totals and handicapped them via the various Quick Method ratings. It was okay for successful recreational "play," but did not produce professional level results.

After his bout with a long series of cardio-vascular problems, our first research director Darell Martin returned to the Quick Speed/Pace procedure because it reduced stress; something his physician demanded. Darell reports that he's winning about 54% of his races this way, whereas he used to win 68%. The difference is 14%, or almost 3 extra wins in 20 races. Remember, Darell is a world class handicapper and 54% for him might be no better than 45% to someone less experienced and skilled.

So, I urge you, use the Quick Pace Charts for spotting contenders; for getting a grasp of the match-up, but NOT as a final handicapping procedure unless you're rushed or forget your computer.

The TRUE reason some clients are so excited about these Quick Figures is that they paid NO ATTENTION to much of the Yellow Manual in which the value of 2nd and 3rd fraction numbers and Sustained Pace ratings were precisely stated. Now these clients look upon the Quick Pace numbers as "Dramatic New Discoveries."

Okay. If you cannot invent a wheel, re-invent it. I don't care as long as you wind up a winner.

Most clients who purchased the Match-Up Manual and computer program are enjoying unparalleled success as a result. A few still maintain that they cannot fully understand the Match-Up concept. Here is an exercise to overcome ANY problems regarding the Match-Up. Create a projected pace for today's race. Determine the BEST Early horse against that pace. Next, the BEST presser. Now the BEST SUSTAINED. Chart them. Now evaluate any other contenders demanding consideration. Ascertain their E-S-P and match them against the best.

THE DYNAMICS OF INCREMENTAL VELOCITY

The essence of our methodology is embodied in the following graph. The scenario of any horse race is determined by acceleration-deceleration. A horse ACCELERATES to its highest velocity usually in the first portion of the race. After that a constant DECELERATION takes place caused by a natural toxic build up. What we will do is measure a horse's acceleration in relationship to its deceleration and compare it with today's competition.

Since acceleration and deceleration are tempered by the relative class of all contenders we will balance raw figures with class adjustments. Where it is necessary to adjust for distance and track changes, we will make these adjustments according to proven statistical measurements. We are not dealing in magic numbers derived from some mystical formula. We are measuring a horse's potential by focusing minutely on the actual realities that determine the outcome of a given race. On the graph, you will notice that "A" starts off fast from the gate but in the last portion of the race decelerates sharply. "B" starts off a little more slowly and then decelerates more gradually than "A". "C", starting off even more slowly, has the lowest decline of the three. He would be perceived as a stretch-gainer even though he is still decelerating in the last portion of the race - BUT more slowly. How we measure the effectiveness of these and other pace patterns in a given race at a specific track under a particular set of conditions is the crux of our methodology.

THE MATCH UP

FRACTIONAL TIMES
PACE OF RACE

1C: 21:4

2C: 45

3F: 25:1

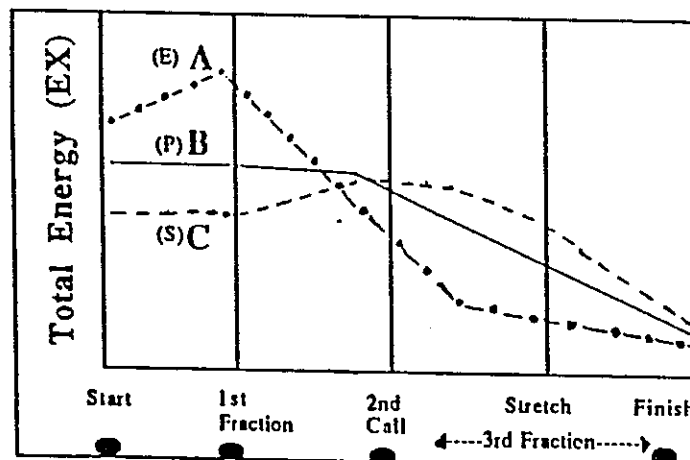
DISTANCE:

6 FURLONGS

FINAL TIME

1:10:1

THE E-S-P MATCH-UP



Like human beings, thoroughbred horses have defined behavior patterns, commonly referred to as running styles. Trainers will readily admit that neither they nor the jockey can do very much to alter an animal's behavior pattern. A trainer can only bring his charge into top form and then hope to get it in a race where its style will dominate the match-up. An able jockey will then try to urge the horse into the optimal use of its energy.

A is an EARLY (E) horse. When in form it will consistently expend more than 35% of its TOTAL ENERGY (Ex) in the first fraction of a race. Usually it tries for the lead. when it fails to get it an E horse will frequently fold.

B is a PRESSER (P). Its behavioral orientation is to PRESS the pace even if it is capable of taking the lead. A Presser, unless mis-ridden, will stay behind by a length or two ANY first fraction velocity, fast or slow.

C is a SUSTAINED (S) Contender. Its natural bent is to stay more than two lengths off the pace until after the 2nd Call. Typically it will expend over 31% of its energy in the 3rd Fraction REGARDLESS of its position call in the first two frames.

Although PACE is germane to our algorithms and extrapolations, THE DYNAMICS OF INCREMENTAL VELOCITY AND ENERGY EXERTION is not strictly a Pace Methodology. The fundamental thrust of our procedure is to analyze the INTERDYNAMICS of each contender's ENERGY DISTRIBUTION relative to the competition in TODAY's race. We do this via Velocity and Energy measurements in feet per second and percentage of total energy.

The mainstream terms: Front Runner, Mid-Pack Runner and Stretch Runner are NOT applicable to Examples A, B and C. We are minimally concerned with WHERE a contender runs in a given field. We will focus on HOW it ran; how it exerted its Energy and its rate of DECELERATION.

EXAMPLE: VELOCITY

	F1	F2	F3
DREAM	60.55	57.32	54.36
A	60.55	56.89	51.58
B	59.40	57.32	52.77
C	57.79	57.32	54.36

The term DREAM for "Dream Race" shows the highest velocity reached by ANY contender by fraction.

As anticipated "A" starts out fast, takes a lead and gradually decelerates to the finish of the race.

"B" is close behind and makes its closing move beginning somewhere in the Second Fraction, decelerating proportionately to the finish.

"C" lingers well behind in the first call, shows movement in the 2nd fraction and then runs a dominating 3rd fraction.

ALL three of these horses ran the same FINAL TIME. Six Furlongs in 1:10:1.

EXAMPLE: ENERGY EXERTION (same race)

	MATCH UP		
	F1	F2	F3
DREAM PACE	35.63	33.66	31.17
A	35.63	33.48	30.54
B	35.33	33.53	30.95
C	34.96	33.66	31.17

A: Expends 35.63% of its TOTAL ENERGY in the FIRST fraction, leaving it 64.34% for the remainder of the race. At the 2nd Call it only has 30.54% left.

B: Retains 30.95 for the 3rd fraction.

C: Saves its energy in the FIRST fraction and dominates both the 2nd and 3rd fraction.

The figures in these examples represent the SCIENCE of Handicapping.

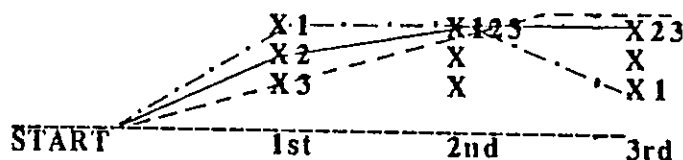
Interpreting them for OPTIMAL WINNING RESULTS represents the ART of Handicapping. The ART embodies the ability to isolate the TRUE contenders in a race and projecting them from representative Pace Lines (past performance running lines).

There are seldom more than FIVE true contenders in a given race. Two year olds and lightly raced horses excepted, there are frequently SEVERAL appropriate pace lines, ANY ONE of which will produce a set of prognosticative figures.

EXAMPLE: A TRUE CHART OF THE RACE

PACE EX/DC GRAPH

NAME		1ST	2ND	3RD	EX/DC
• • • • • A	1	0.00	0.26	1.76	0.20
_____ B	2	0.89	0.09	0.09	0.11
- - - - - C	3	1.56	0.00	0.00	0.16



Both Synergism I and II, along with ENERGY!, provide you with either RAW or Adjusted fractional and/or ENERGY! times against the Dream Race. If you evaluate from adjusted fractions, you'll have no problem in making a precise Match-Up scenario for all contenders. If you cannot reduce the race to 5 contenders, or if you perceive TIES, this procedure will sort out the problem.

In projecting a Pace, heed the words of Michael Pizzolla. He tells us that optimal results are gained when we project the race a little SLOWER than the best figures indicate. This has proved true both in projecting a race and in calculating set-up times for Synergism. Look at your most recent Results Charts. Project times that are in concert with TODAY'S reality.

The Doc on Databases



Everyone with an IQ in excess of 136 who owns an IBM or compatible PC, or an APPLE Macintosh, feels that they could improve their handicapping if they only had a huge data base of long term racing information. It's a very logical conclusion and one I concurred with for the first years of my endeavors. I paid a substantial monthly rental to the University of California, Riverside, to make my original data base and to keep it current. This went on for several years.

Then I discovered that what happened last week, last Wednesday or in TODAY'S first race, was far more important. I have a number of books on the statistics of Thoroughbred Racing. I even contributed minimally to one in 1958-59. (The Science of Betting. Dorcus & DeSilva). Since then we've had Ainslie, Fabricand, Fred Davis, William Quirin and Dr. Frank George. Each contributed monumentally to their contemporary state of the art. Each provided a "system" designed to maximize the result of their statistics. Their books live on. Their "systems" forgotten. To their credit, they, themselves, were first to abandon them. They didn't work. Why? Because they were all based on "Yesterday's" news.

Once every month or so I get a long enthusiastic letter from some client wanting to develop a long range data base. I dislike hurting their feelings or dampening their enthusiasm. Their IQ's are unquestionably higher than mine. Their computer skills infinitely greater. Yet, like so many brilliant people they they think MORE information is the essential ingredient for handicapping success.

Regrettably they are incorrect. They will never acknowledge this, of course. For theirs is the role of the intellectual dreamer. The world at large needs these people. The history of handicapping says unequivocally that WE do not!

Steve Nelson . . .



Steve Nelson is a man that has both an IBM and an IQ in excess of 136. He has constructed some Data Forms designed to keep you current, using "old fashioned," but far more appropriate pencil and paper. While they are a little complex and tedious, I do not hesitate to recommend their use to anyone. And, who knows, to those who disdain records, they may inspire a discipline for keeping them. And, no doubt about it, record keeping is essential to success.

Date	Time
Conditions	Distance

										Actual Pace								Proj. Pace								
	NAME	COMMENTS	RS	ML	CS	PBS	APV	CLF		1F	BL	2F	2C	BL	3F	V	MED		1F	BL	2F	2C	BL	3F	MU	Exact
1																										
2																										
3																										
4																										
5																										
6																										
7																										
8																										
9																										
10																										
11																										
12																										

PROJECTED PACE

--	--	--

ACTUAL PACE

--	--	--

Beaten Lengths - Winner

--	--	--

Beaten Lengths - Place

--	--	--

Hi Lo Avg

Med			
-----	--	--	--

B.L.			
------	--	--	--

3rd Fr			
--------	--	--	--

EXACTA CONTENDER GUIDELINES - "the 55% Solution"

1. High Class (APV & CLF). Best candidates exceed field by 25%.
2. Low Class - Outstanding Pace. - Low win potential but often PLA
3. 2ndits - The horse that doesn't like to win but is always ITM.
4. Top Consensus horse - Best Bet. These win 42% but PLACE 68%
5. Contra energy contender. - Horse in top 4 with best sustained if track early or best early when track sustained.
6. Extreme contra energy contender -outside median energy range o winning, but in top 4 contenders with extremely high total energy.
7. Big Win Last - relatively uncontested win but today's matchup projects more early competition. Horses seldom repeat but frequently PLACE.
8. Maiden winner last out who won at a purse level equal to or higher than today's purse. Longshot win potential that PLACES with amazing frequency.
9. Morning line favorite - a frequent PLACER.
10. Fulcrum horse or energizer. A frequent PLACER.
11. Fastest 3rd fraction among contenders.
12. Top 2 choices for WIN.

Abbreviations

RS=Running Style
ML=Morning Line
CS=Consensus points from PF
V=Track Variant

Note: Use shaded area for best race.

SARTIN DOWNS MASTER TIMES

FF@ FF@ FF@
5.5F 6.5F+ 7F+
8.5F 9F

RATING	FRACTIONS						RATING	FINAL TIME SPRINTS					FINAL TIME ROUTES					RATING
	1/4	1/2	3/4	3/16	5/16	3/8		5	5.5	6	6.5	7	MI	8.5	9	9.5	10	
105	21	43	1:08	16	28	35	105											105
104	1	1	1	1	1	1	104											104
103	2	2	2	2	2	2	103											103
102	3	3	3	3	3	3	102											102
101	4	4	4	4	4	4	101											101
100	22	44	1:09	17	29	36	100	56	1:02	1:08	1:14	1:20	1:34	1:40	1:46	1:52	1:58	100
99	1	1	1	1	1	1	99	1	1	1	1	1	1	1	1	1	1	99
98	2	2	2	2	2	2	98	2	2	2	2	2	2	2	2	2	2	98
97	3	3	3	3	3	3	97	3	3	3	3	3	3	3	3	3	3	97
96	4	4	4	4	4	4	96	4	4	4	4	4	4	4	4	4	4	96
95	23	45	1:10	18	30	37	95	57	1:03	1:09	1:15	1:21	1:35	1:41	1:47	1:53	1:59	95
94	1	1	1	1	1	1	94	1	1	1	1	1	1	1	1	1	1	94
93	2	2	2	2	2	2	93	2	2	2	2	2	2	2	2	2	2	93
92	3	3	3	3	3	3	92	3	3	3	3	3	3	3	3	3	3	92
91	4	4	4	4	4	4	91	4	4	4	4	4	4	4	4	4	4	91
90	24	46	1:11	19	31	38	90	58	1:04	1:10	1:16	1:22	1:36	1:42	1:48	1:54	2:00	90
89	1	1	1	1	1	1	89	1	1	1	1	1	1	1	1	1	1	89
88	2	2	2	2	2	2	88	2	2	2	2	2	2	2	2	2	2	88
87	3	3	3	3	3	3	87	3	3	3	3	3	3	3	3	3	3	87
86	4	4	4	4	4	4	86	4	4	4	4	4	4	4	4	4	4	86
85	25	47	1:12	20	32	39	85	59	1:05	1:11	1:17	1:23	1:37	1:43	1:49	1:55	2:01	85
84	1	1	1	1	1	1	84	1	1	1	1	1	1	1	1	1	1	84
83	2	2	2	2	2	2	83	2	2	2	2	2	2	2	2	2	2	83
82	3	3	3	3	3	3	82	3	3	3	3	3	3	3	3	3	3	82
81	4	4	4	4	4	4	81	4	4	4	4	4	4	4	4	4	4	81
80	26	48	1:13	21	33	40	80	60	1:06	1:12	1:18	1:24	1:38	1:44	1:50	1:56	2:02	80
79	1	1	1	1	1	1	79	1	1	1	1	1	1	1	1	1	1	79
78	2	2	2	2	2	2	78	2	2	2	2	2	2	2	2	2	2	78
77	3	3	3	3	3	3	77	3	3	3	3	3	3	3	3	3	3	77
76	4	4	4	4	4	4	76	4	4	4	4	4	4	4	4	4	4	76
75	27	49	1:14	22	34		75	61	1:07	1:13	1:19	1:25	1:39	1:45	1:51	1:57	2:03	75
74	1	1	1	1	1	1	74	1	1	1	1	1	1	1	1	1	1	74
73	2	2	2	2	2	2	73	2	2	2	2	2	2	2	2	2	2	73
72	3	3	3	3	3	3	72	3	3	3	3	3	3	3	3	3	3	72
71	4	4	4	4	4	4	71	4	4	4	4	4	4	4	4	4	4	71
70	28	50		23	35		70	62	1:08	1:14	1:20	1:26	1:40	1:46	1:52	1:58	2:04	70
69		1		1	1		69	1	1	1	1	1	1	1	1	1	1	69
68		2		2	2		68	2	2	2	2	2	2	2	2	2	2	68
67				3	3		67	3	3	3	3	3	3	3	3	3	3	67
66				4	4		66	4	4	4	4	4	4	4	4	4	4	66
65							65	63	1:09	1:15	1:21	1:27	1:41	1:47	1:53	1:59	2:05	65
64							64	1	1	1	1	1	1	1	1	1	1	64
63							63	2	2	2	2	2	2	2	2	2	2	63
62							62	3	3	3	3	3	3	3	3	3	3	62
61							61	4	4	4	4	4	4	4	4	4	4	61
60							60	64	1:10	1:16	1:22	1:28	1:42	1:48	1:54	2:00	2:06	60

* 7.5F & 9.5F - 2310/Closing Fraction

* 1 Mi 70 Yds - 1530/Closing Fraction

* 1 Mi 40 Yds - 1440/Closing Fraction

ToDay's Date = 03/17/89
32000

Race # = 5

Distance = 6.5

Purse =

FIVE STAR APV/CF 20 / 68

RACE DESCR	DIS	R/S	BL1	BL2	1F	2F	2C	3F	MED
0209 GG*	6.0	S	6.3	2.3	96	97	193	88	68.2
121588 HOL	6.5	S/P	13.0	11.0	92	99	191	89	68.5
AVERAGE		S	9.6	6.6	94	98	192	89	68.3

SPERRY APV/CF 155 / 149

RACE DESCR	DIS	R/S	BL1	BL2	1F	2F	2C	3F	MED
120488 HOL8F	6.0	S	2.8	2.8	95	96	191	89	67.8
010388 SA8F	6.0	S/P	0.0	0.0	97	96	193	87	68.4
092487 BM	6.0	S	5.0	5.0	93	98	191	87	68.2
AVERAGE		S	2.6	2.6	95	97	192	88	68.1

DONNER P T1 APV/CF 95 / 152

RACE DESCR	DIS	R/S	BL1	BL2	1F	2F	2C	3F	MED
030589 SA	6.5	E/P	7.5	3.5	98	99	197	89	69.1
012189 SA	6.5	S/P	5.3	7.0	98	97	195	92	68.5
102988* SA	6.5	S	7.5	4.3	95	99	194	94	68.2
AVERAGE		S/P	6.8	4.9	97	98	195	92	68.6

WILDWOOD APV/CF 122 / 211

RACE DESCR	DIS	R/S	BL1	BL2	1F	2F	2C	3F	MED
030189 SA	6.5	S/P	5.0	6.0	97	98	195	90	68.7
051488 HOL	6.0	S/P	5.5	6.5	97	95	192	86	68.6
012288 SA*	6.5	S/P	2.0	1.8	99	97	196	92	68.7
AVERAGE		S/P	4.2	4.8	98	97	194	89	68.7

FRERE JAC T2 APV/CF 71 / 150

RACE DESCR	DIS	R/S	BL1	BL2	1F	2F	2C	3F	MED
030589 SA	6.5	E	2.0	0.1	102	98	200	84	70.0
010789 SA	6.0	E	3.0	2.5	99	97	196	83	69.5
102988 SA*	6.5	E	2.0	0.1	100	98	198	89	69.2
AVERAGE		E	2.3	0.9	100	98	198	85	69.6

ToDay's Date = 03/17/89
32000

Race # = 5

Distance = 6.5

Purse =

PRIDE

APV/CF 33 / 104

RACE DESCR	DIS	R/S	BL1	BL2	1F	2F	2C	3F	MED
011588 GP	6.0	S	3.0	3.5	94	89	183	84	68.1
112087 GRD	7.0	E/P	3.0	3.5	89	88	177	77	69.0
111287 GRD*	6.5	E	3.3	0.1	90	93	183	77	69.5
AVERAGE		S/P	3.1	2.4	91	90	181	79	68.9

GRAN MUSICO

APV/CF 56 / 63

RACE DESCR	DIS	R/S	BL1	BL2	1F	2F	2C	3F	MED
030189 SA	6.5	E	1.5	3.0	100	98	198	86	69.6
021989 SA	6.0	E	1.5	2.0	101	93	194	78	70.1
012189 SA	6.5	E	0.5	3.0	102	97	199	85	69.8
AVERAGE		E	1.2	2.7	101	96	197	83	69.8

Date 3/17/89 SA	Race 5
Conditions CL32 4+	Distance 6.5

RACE WORKSHEET

	NAME	COMMENTS	PB	ML	CS	PBS	APV	CLF	Actual Pace					Proj. Pace					MED	Estimate
									1F	BL	2F	2C	BL	3F	BL	2F	2C	BL		
1	FIVE STAR CAMP		S/P				20	68	96	97	93	88								
2	SPECIALY		E/P	1		155	149	95	95	94	89									
3	DENNER PARTY (T1)		S	9		95	152	95	99	94	94									
4	WILDWOOD LAKE		E/P																	
5	FRECK (T2) JACQUES		E/P																	
6	PRIDE OF ANDY		N/P																	
7	GRAN MUSICO		E/P																	
8																				

The Psychology of Winning

by Howard G. Sartin, Ph.D.

Many people think of "Will Power" as exerting influence over others; the ability to intimidate or to get one's own way. The true power of the will transcends such definitions and is often expressed quite benignly. We are using will in the context of overcoming Determinism. As defined in last month's Follow Up, Determinism is acceding to a fate prescribed by parental/social programming or scripting. Wallowing in negative scripts authored by well-intentioned forebearers offers an excuse for failure and provides masochistic strokes. Since determinists are used to these kinds of units of recognition, many tend to go on accepting them because the alternative, becoming autonomous through WILL, is unfamiliar. Unfamiliarity is the handmaiden of fear, which is anxiety: that eternal knot in the stomach. Before one can exercise the power of WILL, one must learn to define and recognize it.

WILL is multi-faceted. In popular terms, it consists of Good Will, Will Power, Ill Will, Iron Will and a bevy of other expressions. In essence, WILL embodies ALL of the ingredients applicable to self-determination. Without Good Will, Iron Will can be most destructive. So the first power of WILL is benevolence. A union and harmony with others and with Cosmic Powers. The suppression of Good Will perverts the power of all other aspects of will. Hence, the first exercise in recognizing and benefiting from the power of WILL is love; or if that word disturbs you, and absence of malice.

The effective expression of Will includes five stages:

- 1) Motivation/Goal/Deliberation/Reflection
- 2) Decision
- 3) Affirmation/Command
- 4) Planning
- 5) Direction of the Execution of the plan.

Like all journeys, we must begin with step one: Motivation. Be alone. Be comfortable. Close your eyes and let your mind focus solely on one thing at a time. The first project: Define your goals. Do not attempt to do it in WORDS just yet. From this relaxed, eyes closed posture, ENVISION YOUR TRUE GOALS. Above all, do not try channeling them into the field of successful handicapping. Let your mind, in free association, be the executor. Let it lead your visualization where it may.

What is your true goal? What actually motivates you toward that goal? Deliberate on it. Reflect upon it. Keep coming back to the question later, when in a non-meditative state. When you have a firm answer, jot it down. Save it in a private place. You'll need to refer to it later.

If successful handicapping is a part of your stage one contact with the Will, ask yourself: is it an end in itself or is it a MEANS to an end. When you have deliberated and reflected on your goals and sorted out your true motivation, you will reach a conclusion. You

will make a Decision! Write down that decision and put it next to your first notes to yourself. It is most essential that the Decision reached not be a transitory one. It must be FIRM. That is why I stress protracted meditation, reflection and deliberation before Decision.

The next step, Affirmation/Command, is the most difficult. It is here that the power of will often reaches an impasse through conflict with the power of determinism. This is the SICK POINT. If you make a positive affirmation/command and cannot follow through, you will have come face to face with the enemy within that stands between you and your goal. First test it. Assuming that successful handicapping is the motivation/goal, fill this prescription:

- 1) Command yourself to make all handicapping decisions before going to the track.
- 2) Command yourself to take \$100 and make 20 straight win bets of \$5 each; \$3 on the low odds horse, \$2 on the higher odds horse. You will not invest in any daily doubles or exactas. If at any time in this 20 race exercise you feel a knot or queasiness in your stomach, note it. Write it down. When did it happen, and under what circumstances. If at any time during this exercise you feel dizzy, or the sound of the crowd in your ears becomes fuzzy or dissociated, write it down.
- 3) If at anytime during this exercise your inner voice says: "This is silly. You cannot make money on \$5 bets," write it down with a brief comment on what prompted that negative observation.
- 4) If at any time you are tempted to take a flier or are swayed by an odds differential on the tote board or by a commentary from a someone else (friend, stranger, tout sheet etc.), write it down.
- 5) If you lose a race, write down your TRUE reaction. When you WIN a race, do the same, but make a note of your emotions and especially how you feel about making the next wager.
- 6) Note your reaction, your gut feelings, if you leave the track with a losing day. Do the same if you have a winning day.

While this sounds like a simple exercise, it is not. Non-winners will find it almost impossible to complete. If you find yourself in that group, start with ten races, but no less. If you still cannot complete the exercise as prescribed, STOP! You're a victim of Determinism, and no matter how you try to rationalize it away, you will never make it in this field until you have been RE-PROGRAMMED, or what I refer to as Re-Parented.

If you discover yourself throwing your Form and worksheets on the ground in disgust and stomping away from the track; or announcing: "My computer is for sale if anyone wants it," you are telling the world that you are, and CHOOSE to continue being, a slave to Determinism. You have given up your free moral agency. You get perverted "strokes" (ego recognition from playing the game of "Helpless." You did not

receive strokes as a child for accomplishment, but rather from failure or when you were hurt or ill. You are not willing to seek ego recognition from success, because you KNOW you get it, although perversely, from failure. When one has become adaptive to one sure circumstance, it is difficult to abandon it and strike out for uncharted territory. But it can be done.

Go back to that alone, quite, meditative state and re-assess step ONE in the development of WILL: what REALLY is your motivation/goal? The course of our next Follow Up installment will be based on YOUR confidential reaction to this one. Then, eventually, when we have helped those willing to accept help, we'll provide some more exercises in developing the other three stages of WILL.

Your reactions to this test will be appreciated. Your name, of course, will be withheld. Submitting your own response and feelings may be of great benefit to your fellow clients as well as yourself. Send them directly to me, and mark the envelope confidential. No one will read your reactions except me.

* * * * *

I'd like to use the remaining space on this page to address your voiced concern over the five part series on the Sartin Methodology in Racing Action. I subscribe to Racing Action, and when I saw my name blaring from the headlines of the first issue, I was almost physically ill. In the next issue, I made the cover; along with Jack Van Berg (an unlikely duo.) I was incensed until I started reading the content of these articles. I had no prior knowledge that this series was to appear and certainly no one asked my permission. I was quite disturbed and was thinking in terms of a legal injunction until I read the content of the first two articles.

They describe the Methodology as it was in 1982 and early 1983. Publicizing our procedures of that era may well be a blessing in disguise. Many, many versions of feet-per-second, pace, velocity programs are now on the market. Some are strikingly similar to our basic Phase III. Others are direct pirated copies, with little or no attempt at disguise. Our initial work was merely awaiting its time to come. It came, it conquered, and everyone wanted a piece.

Long ago, I perceived a need to constantly advance. While others are still wallowing in our past, we are advancing rapidly into our own future: Synergism, Synergism II, Synergetic Match-Up II, ENERGY!, Deceleration, Synthesis! All are here now or on the horizon. Don't concern yourself with these Racing Action articles. We'll keep you ten years ahead of the times, even if we're only three years ahead of our imitators.



Money Management



by Dan Doran

AN EDITORIAL RESPONSE TO DICK MITCHELL

In the last issue, (#14, P. 26) there were some very interesting comments excerpted from Dick Mitchell's latest book that I feel compelled to respond to. The book speaks very highly of the Methodology, except for the following points:

- 1) **The Methodology does not properly address the issue of money management.**

Huey Mahl is considered by many well informed professional alternative vehicle investors (a.k.a. gamblers) as the father of modern money management. Doc continually credits Huey with being the primordial influence upon the Methodology. Therefore it seems bizarre that Huey's influence in the area of money management would not also affect the Methodology. Well, it does and it is quite simple: Dutch two horses to win and bet in proportion (10%) to your bankroll.

This message was thoroughly explained in Huey's Frontline, and has appeared in virtually all of the Institute's manuals, including several issues of The Follow Up. I guess the key word in the quotation is "properly," which I can only interpret as "according to Mitchell."

- 2) **It disregards the issue of a betting line.**

This is true, as long as the two horse dutched entry will return a minimum of \$.50 odds to \$1. This stems from the attitude that a race per se is not an event, but 1/20th of an event. In other words, we are encouraged to view races in 20 race cycles, and not over-react to any single race or its outcome.

As Dick Schmidt pointed out (#14, P. 29), anyone who constructs a betting line is guessing. The main difference between us and "the value boys" is that we base our guess on a 20 race cycle and they attempt to define the value for each horse in each race.

- 3) **There are users who do achieve near 63% and still lose money by betting on too many underlays.**

This one really calls for imagination. I do not know Dick Mitchell personally (although after he reads this article, he may invite me to lunch!?), however, several of the PIRCO Charter members have told me that he is very astute. It is for this reason that I find this charge to be most perplexing, as it is by far the simplest one to disprove.

According to Doc's latest report (#14, p. 1), approximately 74% of the clients are hitting near or better than 63% winners most of the time; with an average mutual of \$9.63. For the sake of keeping the

math simple, let's assume a 50/50 dutch. This still yields an average payoff of \$1.41 to each \$1 wagered.

$$(9.63 - 4) / 4 = 1.41 \text{ to } 1$$

Plugging this into our faithful Kelly Criterion formula yields a whopping advantage of 37%.

$$K\% = W - L / \$$$

$$K\% = 63 - 37 / 1.41$$

$$K\% = 37 \text{ !!!!!!!!!}$$

Since we bet a mere 10% of bankroll, the average percent interest for a 20 race cycle is 141%. That is, a \$300 starting bank grows to \$723, for a profit of \$423. Thus, the irrefutable facts are that if you hit about 63% winners, at an average payoff of \$1.41 to \$1 (an average mutuel of \$9.63), and wager 10% of bankroll, you will "never need to punch a time-clock again." Furthermore, you can just smile and shrug when you hear an expert tell you that it cannot be done.

The Breeders Cup story (#14, p. 29) spawned a humorous analogy in my fevered imagination of the differences between Methodology users and "the value boys." Here is the play by play: (to be read in a hushed, golf commentator type voice)

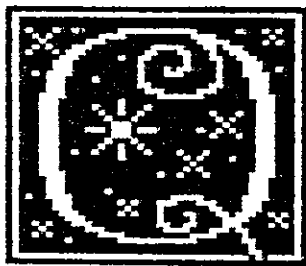
It's lunchtime at the annual handicapping expo and we find Sartin and Mitchell entering a fine restaurant to have a bit of lunch. They each scan the menu (handicap the race) and make their selections. Sartin decides on the steak and lobster (a classic dutching entry, not to be confused with a dutching entree) while Mitchell whirls away at his calculator for 5 minutes to determine the true value (makes a betting line). Sartin orders, and Mitchell adroitly points out that although the steak and lobster is also his first choice, the price is \$21.00, while the value is only \$18.47. A loser in The Long Run.

Mitchell furthers his argument by noting that the pickled pigs feet are only \$5.00, with a value of well in excess of \$5.75. A True Overlay. Sartin, with pipe gently cocked to one side (a portend that great wisdom is about to be dispensed), informs Mitchell that he would not eat pickled pigs feet on a bet (a professional pun) and emphatically states that there is no "long run" long enough to motivate him to try.

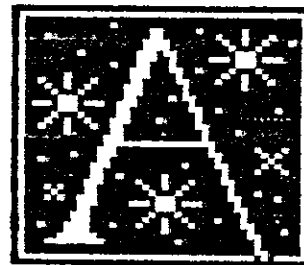
The two each enjoyed their meal. The steak and lobster was delicious. The pickled pigs feet were . . . as pickled pigs feet are. Draw your own conclusions. As for me, I'll have the steak and lobster. Bon appetite.

* * * * *

Editor's note: at last, a true contender for Tom Brohamer's Most Cornball Sense of Humor title! For a while, it looked like no contest, but Dan is pressing the champ, only a head off the pace.



A N D



With the Doc

Q) I get the race down to 3 or 4 contenders, but all too often bet the wrong 2. HELP!

Synergism II Using the Fractional "Dream Race" Readouts

A) Synergism II is a very powerful tool. But like any other tool it can be misused. Ask the would-be carpenter who keeps banging his thumb instead of the nail. Is the hammer at fault?

In reviewing many dozens of client races where the winner was in their computations but was not bet, I find two prevalent factors are causing the problem. First, the client goes directly to the SORT and perceives TIES where, in fact, there are none. Over emphasis on the value of rankings in the sort causes many of you to eschew contenders who do not rank one or two on W and Dr. I think perhaps you are looking for a black box procedure that produces magic numbers with no evaluation.

When there is an extreme Early Bias, the DR. is less effective. When there is NO bias, or a slight bias toward Presser or Sustained, DR functions best. Factor W favors EVEN PACE, but gives a slight edge toward Early. Both W and DR are extremely predictive BY THEMSELVES at Eastern and Mid-Western tracks. However, in Southern California, particularly, but EVERYWHERE in general, we must pay close attention to Synergism II's FRACTIONAL READOUTS relative to "the Dream Race." It is here that Synergism II demonstrates its REAL POWER.

The second most frequent problem encountered is an improper use of SET UP TIMES. I've been emphasizing this for some time now. If your track is running SLOWER than a final time designated by an 80 Speed Rating, DO NOT use fast, higher than 80, Set Up times. You will penalize the fast horses. On the other hand, if current final times ARE higher than 80, DON'T use SLOW times in your Set Up. You'll advantage the SLOWER horses. How do you tell? Read the results charts EVERY DAY. They will tell you how any track is running. As always, if you don't have a lot of results charts (wagering in Vegas, etc.) USE WHAT YOU HAVE.

Here is an analysis of some races lost by a client who DID have the winner in his readouts but failed to analyze them.

Teddy Bear Picnic

BAZE R A

114

Own.—Bacorn Elizabeth

25Jan89-3SA 6f :22 :452 1:11ft 4-5 117 23 1st 1st 121 DhoussyE5 @Mc32000 79-12 TddyBrPicnic,TrignAngl,KitKlLnd 11
 17Dec88-2Hol 6f :222 :462 1:10gd 24e115 41 23 25 281 DelhoussyE1 @M45000 81-13 RoylColor,TddyBrPcnc,Tmrrw'sLv 12
 17Dec88-Lugged out
 7Dec88-2Hol 6f :221 :461 1:11ft 22 118 31 31 34 35 Gryder A T1 @M32000 98-17 DiiDusty,FIIAFrPockl,TddyBrPcnc 11
 Feb 5 Hol 4H :51H 0 Jan 21 Hol 4H :474H Dec 30 Hol 4H :492H

Dr. h. or br. f. 3, by Al Nasr—June in Cernobbio, by Vaguely Noble

Br.—Mabee Mr.—Mrs J C (Ky)

1989 2 1 1 0 \$13,150

Tr.—Bacorn Herbert

1988 2 M 1 1 \$5,650

Lifetime 4 1 2 1 \$13,800

Baba Haha

PEDROZA M A

114

Own.—Kem Diane C

26Jan89-3SA 6f :214 :452 1:103ft 45 1105 763 811 811 714 Corral J R 2 @40000 71-16 Kept Secret,JustRule,CrimsonFoxL 8
 15Oct88-2SA 6f :214 :451 1:11ft 58 1135 34 61 1013 10303 VlenzulFH 1 @Aw31000 51-19 RsonToRg,DchesGrg,T.Mrphy'sLw 10
 15Sep88-7Dmr 6f :22 :45 1:09 ft 81 119 31 33 611 6211 Sibille R 6 @Aw31000 72-14 NotNovel,It'sFirstAdvance,KeptSct 6
 15Sep88-White into stretch

B. f. 3, by Raja Baba—Left Them Laughing, by Shecky Greene

Br.—Carrion J S (Fla)

1989 1 0 0 0

Tr.—Roberts Craig

1988 4 1 0 0

Lifetime 5 1 0 0 \$4,950

3rd Race:

Client comment: "I bet MITS & JUST, Ranked on SUSTAINED"

Sartin: POINT has an % Med. of over 70%. In Jay Elliott's extensive study of winners at S.A. ALL winners coming from over 70% Median were from 3 year old filly races, maidens and off tracks. Also, since the track was reconditioned for the March 5 BIG CAP, Early Pace has made a big comeback at Santa Anita. So I will not eliminate Point Because of its 70+ % Median.

Fractional Readout:

RANKED ON "W"

	F 1	F 2	F 3	S C	RANKINGS									
PACE	60.38	56.74	52.24	58.50	NAME	FW	EP	SP	TT	FX	WX	LP	DR	
=====						==	==	==	==	==	==	==	==	
POINT	60.38	56.73	50.17	58.50	JUST	1	5 ^X	1	2	2	2	1	2	
TEDDY	59.89	56.74	50.11	58.26	MITS	1	4 ^X	2	3	1	1	1	1	
SOPH	59.86	56.28	50.63	58.01	POINT	1	1	3	1	3	2	4	1 ^X	
MITS	59.69	55.72	51.73	57.64	TEDDY	2	2	4	2	4	4	3	1	
JUST	58.57	56.27	52.24	57.38	SOPH	2	3	3	3	3	3	2	1	

Point has a decided FIRST FRACTION Advantage; he is tied with Teddy for ownership of the Dream SECOND FRACTION. He has a FULL LENGTH Second Call advantage and holds on in the third fraction. Good-bye TEDDY. MITS has the only class edge in the race. LP is the Class readout and TEDDY is #1. A definite in the money threat, but appears to be too far behind at the 2nd Call to win.

JUST also likes to close, but has to do it from 2.96 lengths behind POINT. SOPH likes to run early. Gives POINT chase but starts dying in the SECOND fraction. Its 3rd FRACTION resurgence comes too late to overcome its Early deficiency. When a horse owns, or shares ownership of TWO of the Dream Race fractions it is a potent threat. When the ownership occurs in the FIRST TWO Fractions, it points to a victory by the BEST early horse. That's POINT. It also sets up a counter energy horse to place. THAT's MITS, with the lowest % Median of the contenders. Here's how the race looked to the client who ranked it on SUSTAINED.

RANKINGS

NAME	FW	EP	SP	TT	FX	WX	LP	DR
JUST	1	5	1	2	2	2	1	1
MITS	1	4	2	3	1	1	1	1
SOPH	2	3	3	3	3	3	2	2
POINT	1	1	3	1	3	2	4	3 ^X
TEDDY	2	2	4	2	4	4	3	3

Unless you're very sophisticated in projecting the variegation of a race, RANK IT ON FACTOR W! And above all, look at the FRACTIONAL readouts.

9327 -- THIRD RACE. 6 furlongs. Fillies, 3 year olds. Claiming prices \$40,000-35,000. Purse \$28,000.

Horse and Jockey	Wgt.	PP	ST.	1/4	1/2	3/4	Str.	Fin.	To\$1
Pointedly (Corral)	111	1	6	2-12	2 1/2	---	1-1	1/21-6 1/2	5.60
Mitsuko (Stevens)	114	3	58-2	1 1/2	3 1/2	---	3-3	2-hd	1.00
Just Rule (Valenzuela)	118	8	21-1	1 1/2	1 1/2	---	2-1/2	3-2	3.30
Baba Haha (Pedroza)	114	7	1	5-1	5-1	---	4-hd	4-rk	29.10
Sophisticated Run (Finney Jr)	117	2	7	7	7	---	6-1 1/2	5-6	7.80
Dozibillo (Garica)	111	4	4	3-hd	6-1	---	5-hd	6-4	22.00
Teddy Bear Picnic (Baze)	115	6	3	4-1/2	4-hd	---	7	7	6.70

Scratched - none.

Claimed -- Pointedly-Byrne, Carr & Smarsty-Armando Lago-40,000

Claimed -- Mitsuko-Black, Black, Claus et al -Ronald Ellis 40,000

Claimed -- Teddy Bear Picnic-Josephine Rescigno-Robert Wright-40,000

Pointedly.....	13.20	4.80	3.00
Mitsuko.....		2.80	2.40
Just Rule.....			2.80

TIME -- 0:22.0, 0:46.0, 0:59.1, 1:12.3. Cloudy & Muddy. Winner -- ch1.86, Pencil Point-Caucasia (by Caucasus). Trained by Carlton Anthony, Mutuel pool -- \$325,054, Exacta pool -- \$518,289

\$2 Exacta (1-3) Paid \$30.20

Race #5.

Client Comment: "I bet on HANK and EAGLE. Ranked on Sustained."

Sartin: I would probably pass this race as being too easy if these lightly raced horses lived up to form. With the obvious choice projecting a less than even money pay off, I'd start handicapping race #6. How can one go against a horse that just ran these fractions: 21 - 43.4 - 109.2 Here is Synergism II's adjusted fractional readout:

	F 1	F 2	F 3	S C
PRICE	61.47	56.76	52.25	58.89
=====				
PETE	61.47	56.51	50.18	58.89
MATT	60.80	55.94	47.68	58.27
HANK	60.48	56.76	50.13	58.56
EAGLE	59.01	56.53	50.92	57.74
GREEK	57.26	56.76	52.25	57.01

And here is the complete readout ranked on W.

RACE NUMBER 5
DISTANCE = 6 FURLONGS NW-2

SETUP 44.3 110.3
.4 111.4 46.1 111.2
0 0 0 0

NAME	F W	E P	S P	T T
HANK	55.75	58.56	54.35	56.03
EAGLE	55.46	57.74	54.33	55.75
GREEK	55.42	57.01	54.63	55.76
MATT	54.74	58.27	52.98	55.09
PETE	55.99	58.89	54.53	56.17

NAME	F X	W X	MED E
HANK	55.31	55.53	70.04
EAGLE	54.97	55.22	69.40
GREEK	54.75	55.09	68.57
MATT	54.24	54.49	71.00
PETE	55.82	55.90	70.16

	F 1	F 2	F 3	S C
PAGE	61.47	56.76	52.25	58.89
PETE	61.47	56.51	50.18	58.89
MATT	60.80	55.94	47.68	58.27
HANK	60.48	56.76	50.13	58.56
EAGLE	59.01	56.53	50.92	57.74
GREEK	57.26	56.76	52.25	57.01

NAME	PROJ'D	SC/BL	CLASS	APV%
PETE	0.00	0.00	0.00	0.00
HANK	0.88	0.00	0.00	0.00
MATT	1.64	0.00	0.00	0.00
EAGLE	3.07	0.00	0.00	0.00
GREEK	5.01	0.00	0.00	0.00

R A N K I N G S

NAME	FW	EP	SP	TT	FX	WX	LP	DR
PETE	1	1	2	1	1	1	4	2
HANK	2	2	3	2	2	2	3	1
GREEK	3	5	1	3	4	4	1	1
EAGLE	3	4	3	3	3	3	2	1
MATT	4	3	4	4	5	5	5	3

Once again we have a contender with a % Median in excess of 70%. But once again we are dealing with one of the few situations where this is acceptable. Lightly race three year olds who just broke their maidens. If there were some sharp WINNERS of more than a maiden race in here, it would be a different story. GREEK and MATT qualify, but look at their times. Can they close on a 43.3? I think not.

Once again, the best EARLY wins; and EAGLE, with the profile % Med Places! EAGLE is the sorted readout contra horse with the best LATE at 6f. CREEK'S Energy was distorted because we used its internal fractions from a mile race. Note THREE horses with % Medians in excess of 70%. We'll see this often in baby races, and those carded for NW 2 races lifetime. Seldom does it occur in truly contentious races with experienced horses. Because the client sorted on SUSTAINED he saw THIS distorted picture:

R A N K I N G S

NAME	FW	EP	SP	TT	FX	WX	LP	DR
GREEK	3	5	1	3	4	4	1	1
PETE	1	1	2	1	1	1	4	4
EAGLE	3	4	3	3	3	3	2	2
HANK	2	2	3	2	2	2	3	3
MATT	4	3	4	4	5	5	5	5

TRUE READOUT

R A N K I N G S

NAME	FW	EP	SP	TT	FX	WX	LP	DR
PETE	1	1	2	1	1	1	4	2
HANK	2	2	3	2	2	2	3	1
GREEK	3	5	1	3	4	4	1	1
EAGLE	3	4	3	3	3	3	2	1
MATT	4	3	4	4	5	5	5	3

5th Santa Anita



6 FURLONGS. (1.07%) ALLOWANCE. Purse \$32,000. 3-year-olds. Bred in California which have never won two races. Weight, 120 lbs. Non-winners of a race other than claiming allowed 3 lbs.

Ole Hank McGill

SHOEMAKER W

Own.—Foster W J

29 Jan 89-5SA 6f :213

14 Jan 89-4SA 6f :211

Jan 10 SA 5f 1:01 H

3 120

Lifetime 2 1 1 0

\$20,250

12 13 13 12 1/2

11 11 21 24

Dec 28 SA 4f 1:47 Hg

Dec 21 SA 6f 1:13 H

Dec 16 SA 5f 1:04 H (d)

B. c. 3, by Fast—Eraser, by Eldorado Kid

Br.—Foster W J (Cal)

Tr.—Moerman Gerald C

1989 2 1 1 0

1988 0 0 0 0

84 3/4

\$20,250

Valiant Pete

PINCAY L JR

Own.—Coelho & Valenti

31 Dec 88-4SA 6f :21

Feb 2 Hol 5f 1:00 H

1 120

Lifetime 1 1 0 0

\$14,850

11 14 15 16

Jan 27 Hol 4f 1:50 H

Dec 28 SA 4f 1:47 Hg

Dec 22 Hol 6f 1:14 H

Ch. g. 3, by The Irish Lord—Courageous Girl, by Terresto

Br.—Valenti & Coelho (Cal)

Tr.—Sadler John W

1988 1 1 0 0

\$14,850

84 3/4

\$14,850

Maui's Eagle

DELAHOUSSEY E

Own.—Walker R & Bonnie J

18 Jan 89-4SA 6f :221

Feb 2 SA 5f 1:52 H

2 117

Lifetime 1 1 0 0

\$9,350

41 12 12 12 1/2

Jan 27 SA 3f 1:37 H

Jan 12 SA 5f 1:00 Hg

Jan 7 SA 6f 1:14 H

B. g. 3, by Golden Eagle II—Maui, by Hawaii

Br.—Mabee Mr.—Mrs J C (Cal)

Tr.—French Neil

1989 1 1 0 0

1988 0 0 0 0

53 3/4

\$9,350

Greek Myth

SOLIS A

Own.—Goldstein S

5 Feb 89-6GG 1 :463

24 Dec 88-8BM 1 :463

24 Dec 88-8BM 1 :463

40 Dec 88-6BM 1 :463

16 Nov 88-4BM 1 :46

5 Nov 88-8BM 6f :222

10 Sep 88-1BM 1 :47

27 Aug 88-4BM 6f :224

9 Aug 88-7BMf 6f :223

13 July 88-6Sol 5f :214

Feb 2 GG 4f 1:42 H

117

Lifetime 11 1 2 2

\$15,875

11 1 1 1 1/2

32 22 23 65 1/2

31 43 58 72 1/2

1 1 1 2 1/2

13 14 16 17

55 65 67 77 1/2

63 53 53 47 1/2

41 52 32 31 1/2

63 63 42 43

53 31 33 37 1/2

Jan 28 GG 4f 1:47 H

Jan 14 BM 6f 1:17 H

Dk. b. or br. g. 3, by Turn to Mars—Aggregate, by Gallant Man

Br.—Rancho Jonata (Cal)

Tr.—Fanning Jerry

1989 2 0 0 0

1988 9 1 2 2

38 3/4

\$15,875

Matthew C.

SIBILLE R

Own.—House M

26 Feb 89-5SA 6f :213

20 Jan 89-2SA 6f :212

28 Dec 88-3SA 6f :213

20 Dec 88—Wide final 3/8

14 Apr 88-10TuP 5f :213

27 Apr 88-9TuP 4 1/2 f :214

Jan 27 SA 6f 1:14 Hg

120

Lifetime 5 1 0 0

\$4,608

2nd 3 1/2 2nd 7 1/4

3 1/2 3 1/4 3 1/4 6 1/2

3 1/2 4 6 1 1/2 6 1/2

3 1/2 4 6 1 1/2 6 1/2

3 1/2 4 6 1 1/2 6 1/2

3 1/2 4 6 1 1/2 6 1/2

3 1/2 4 6 1 1/2 6 1/2

3 1/2 4 6 1 1/2 6 1/2

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3 1/2 4 6 1 1/2 6 1/2

3 1/2 4 6 1 1/2 6 1/2

3 1/2 4 6 1 1/2 6 1/2

3 1/2 4 6 1 1/2 6 1/2

B. g. 3, by Dance in Time—Ack's Arrow, by Ack Ack

Br.—Mr.—Mrs JO Harter Family Trust (Cal)

Tr.—Feld Jude T

1989 2 0 0 0

1988 3 1 0 0

26 1/4

\$4,608

El Gorrion

FERNANDEZ A L

Own.—J J J Stable

22 July 88-4Hol 6f :224

22 July 88—Bumped start

15 July 88-4Hol 6f :214

15 July 88—Steadied 3/16

Feb 4 Hol 7f 1:21 Hg

117

Lifetime 2 1 0 0

\$10,150

4 1/2 3 1/2 3 1/2 1 1/2

4 1/2 3 1/2 3 1/2 1 1/2

4 1/2 3 1/2 3 1/2 1 1/2

4 1/2 3 1/2 3 1/2 1 1/2

4 1/2 3 1/2 3 1/2 1 1/2

4 1/2 3 1/2 3 1/2 1 1/2

4 1/2 3 1/2 3 1/2 1 1/2

4 1/2 3 1/2 3 1/2 1 1/2

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4 1/2 3 1/2 3 1/2 1 1/2

4 1/2 3 1/2 3 1/2 1 1/2

4 1/2 3 1/2 3 1/2 1 1/2

4 1/2 3 1/2 3 1/2 1 1/2

4 1/2 3 1/2 3 1/2 1 1/2

B. c. 3, by Summer Time Guy—Piratress, by Hall the Pirates

Br.—Hawn W R (Cal)

Tr.—Ordoz Salvador

1988 2 1 0 0

\$10,150

Lifetime 2 1 0 0

\$10,150

4 1/2 3 1/2 3 1/2 1 1/2

4 1/2 3 1/2 3 1/2 1 1/2

4 1/2 3 1/2 3 1/2 1 1/2

4 1/2 3 1/2 3 1/2 1 1/2

4 1/2 3 1/2 3 1/2 1 1/2

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4 1/2 3 1/2 3 1/2 1 1/2

4 1/2 3 1/2 3 1/2 1 1/2

4 1/2 3 1/2 3 1/2 1 1/2

Damaskim

STEVENS G L

Own.—Walter R H

31 Aug 88-6GG 6f :214

Feb 7 SA 6f 1:04 Hg

120

Lifetime 1 1 0 0

\$7,700

2nd 2nd 1 1/2 1 1/2

4 1/2 3 1/2 3 1/2 1 1/2

4 1/2 3 1/2 3 1/2 1 1/2

4 1/2 3 1/2 3 1/2 1 1/2

4 1/2 3 1/2 3 1/2 1 1/2

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4 1/2 3 1/2 3 1/2 1 1/2

4 1/2 3 1/2 3 1/2 1 1/2

4 1/2 3 1/2 3 1/2 1 1/2

Dk. b. or br. g. 3, by Bolger—Impressive, by Impressive

Br.—Walter R H (Cal)

Tr.—Bell Thomas R II

1988 1 1 0 0

\$7,700

Lifetime 1 1 0 0

\$7,700

2nd 2nd 1 1/2 1 1/2

4 1/2 3 1/2 3 1/2 1 1/2

4 1/2 3 1/2 3 1/2 1 1/2

4 1/2 3 1/2 3 1/2 1 1/2

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4 1/2 3 1/2 3 1/2 1 1/2

4 1/2 3 1/2 3 1/2 1 1/2

9329 -- FIFTH RACE. 8 furlongs. Allowance. 3 year olds, Bred in California. Purse \$32,000.

Horse and Jockey	Wgt.	PP	ST.	1/4	1/2	3/4	Str.	Fin.	To \$1
Vallant Pete (Pincay Jr)	120	2	3	1-11-1	1/2	—	1-2 1/2	1-3/4	.80
Mau's Eagle (Delahoussaye)	117	3	5	6	6	—	4-1 1/2	2 1/2	5.20
Ole Hank McGill (Shoemaker)	120	1	6	2-1/2	2-hd	—	2-23-2 3/4	3.10	
El Gorrion (Fernandez)	117	6	4	5-6	4-1/2	—	3-1	4-5	12.80
Matthew C. (Sibille)	120	5	5	24-1 1/2	3-hd	—	5-2 1/2	5-7	19.70
Greek Myth (Solis)	117	4	1	3-1/25-3 1/2	1/2	—	6	6	14.50

Scratched - Spicy Yellowtail, Damaskin

Claimed - None

Vallant Pete	2.20	2.20	2.20
Mau's Eagle	3.80	2.20	
Ole Hank McGill		2.40	

TIME -- 0:22., 0:46.3, 1:00.1, 1:14.0. Cloudy & Muddy. Winner - ch.g. B6 The Irish Lord-Courageous Grl. Trained by John Sadler, Mutual pool - \$1,340,950. Exacts pool - \$542,099

\$5 Exacts (2-3) Paid \$31.00**7th Santa Anita**

1 MILE. (1.33%) THE POMPEII COURT HANDICAP. \$60,000 added. 4-year-olds and upward. Nominations closed Wednesday, February 8 at \$50 each. Weights were published the same day. High weights preferred.

Gorky**PINCAY L JR 116**

Own.—Broccoli Mr.-Mrs A

Feb 89-7SA 1 :45 1:09 1:35 3ft 4 117 Lifetime 30 6 8 2 \$206,785 Turf 11 2 2 1 \$84,175

Feb 89-7SA 1 :45 1:09 1:35 3ft 4 117

7 Jan 89-3SA 1 :45 1:09 1:35 3ft 3 117 54 31 1 13 Pincay L Jr 100000 90-14 Gorky, Complicate, Shigamba 8

4 Dec 88-3Hol 1 :45 1:10 1:35 2ft 2 117 33 33 3 2nd Pincay L Jr 100000 86-13 Complicate, Gorky, Captain Valid 6

18 Nov 88-8Hol 1 1/4 :46 2:11 1:48 fm 10 117 51 54 6 4 1/2 Pincay L Jr 100000 86-12 Patchy Groundfog, Cstnilli, Rich Erth 8

18 Nov 88-Wide final 3/8

27 Oct 88-8SA 1 1/4 :47 1:13 1:48 fm 7 117 32 31 7 5 1/2 76 Pincay L Jr 120000 80-14 Rich Erth, Dys Gone By, Sword Chrger 7

8 Oct 88-8SA 1 1/4 :46 1:10 1:41 fm 25 113 54 42 5 5 1/2 610 1/2 Gryder AT 5 Ynke Vir H 81-17 Mi Preferido, Conquering Hrc, Rdobill 7

11 Aug 88-8Dmr 1 :47 1:11 1:35 fm 9 117 84 64 7 5 1/2 75 1/2 Sibille R 5 Aw 45000 90-10 Mulhollande, Mazilier, Lord Ruckus 9

28 Jul 88-8Dmr 1 :47 1:12 1:36 fm 2 117 2nd 2nd 22 86 1/2 Pincay L Jr 10 Aw 43000 81-17 Fioravanti, Uptothehill, Hallof Arts 10

23 Jun 88-8Hol 1 1/4 :45 2:09 1:40 fm 3 117 57 44 1 1 1/2 Pincay L Jr 150000 92-12 Gorky, Five Daddy Five, Big Chill 7

23 Jun 88-Wide 3/8 turn

27 May 88-8Hol 1 1/4 :45 1:08 1:39 fm 9 119 61 2 6 5 1/2 54 1/2 Delhoussye E 7 Aw 55000 91-04 Ctiss Rity, FolTh Expts, Knights Lgnd 7

Jan 28 SA 5 ft 1:01 H Jan 23 SA 5 ft 1:01 H Jan 2 SA 5 ft 1:00 H Dec 27 SA 5 ft 1:00 H

He's A Cajun**MEZA R Q 116**

Own.—C & K Stable

Feb 89-7SA 1 :45 1:09 1:35 3ft 8 120 Lifetime 10 4 1 4 \$160,400 Turf 7 3 1 2 \$140,380

Feb 89-7SA 1 :45 1:09 1:35 3ft 8 120

22 Jan 89-7SA 6 ft :21 1:44 1:09 1ft 42 118 98 87 7 5 1/2 31 Meza R Q 3 Aw 50000 91-14 Prospectors Gmble, Bsic Rt, H's ACjun 9

5 Sep 88-10Lga 1 1/4 :46 1:10 1:43 ft 1-3 123 2 2 2 2 32 Corrales J 3 Lbr Dy H 82-12 Jn's GryPop, Hgh Rollr Whls, H's ACjun 6

21 Aug 88-10Lga 1 1/4 :45 1:10 1:54 3ft 4 126 23 21 1 1 1/2 11 Ward W A 3 Lga Dby 97-15 He's A Cajun, Poupon, Ballindaggin 9

31 Jul 88-10Lga 1 1/4 :46 1:10 1:49 ft 2 115 21 21 1 1 1/2 12 Ward W A 5 Spkn H 88-17 H's ACjun, Jn's GryPop, StAn Empror 6

26 Jun 88-10Lga 1 1/4 :46 1:10 1:43 2ft 7 112 2 2nd 2nd 1no Ward WA 4 Bellevue H 82-22 He's ACjun, Steel An Empror, Trslw 6

15 Jun 88-8Lga 6 ft :22 1:45 2:09 3ft 7 117 21 21 2 2 2 2nd Ward W A 3 Aw 10600 88-27 Snipledo, He's ACjun, Jan's GreyPop 8

5 Jun 88-8Lga 6 ft :22 1:45 1:11 gd 7 114 3 2nd 11 34 1/2 Sorenson D 1 40000 76-26 Prim's Omen, Sean Bold, He's ACjun 9

22 May 88-8Lga 6 ft :22 1:43 1:16 3ft 9 114 52 44 5 5 1/2 74 1/2 Sorenson D 3 40000 81-20 Alstrand, Gallant Liberty, Amerind 12

23 Jul 87-4Lga 5 ft :22 1:46 1:04 1ft 6 120 65 64 4 4 1/2 12 Lamance C 4 Mc 25000 88-20 He's ACjun, Her This, Freeze Your Ass 7

Jan 28 SA 3 ft :35 H Jan 21 SA 3 ft :36 H Jan 10 SA 4 ft :47 H Dec 30 SA 7 ft 1:25 H

Pranke*DELAHOUSAYE E 120**

Own.—Sanchez H M

25 May 88-7SanIsidro (Arg) a 1 1/2 2:26 1fm 4 123 13 Zapato GP 25 de Mayo (Gr1) Pranke, Furor, Gorbet 17

22 Apr 88-10Hipodromo (Arg) a 1 1/2 2:03 4ft 1-4 122 56 1/2 Zapato 0 Clasic Italia (Gr3) Gorbol, Facil, El Sosneado 6

1 Mar 88-10Hipodromo (Arg) a 1 1/2 2:38 3y 2-3 119 32 1/2 Zapato 0 GPC mprn (Gr1) Newmarket, MatInca, Pranke 6

13 Dec 87-8SanIsidro (Arg) a 1 1/2 2:24 fm 2 119 33 Zapato 0 GPC rls Plgrn (Gr1) Larabee, Newmarket, Pranke 23

8 Nov 87-7Hipodromo (Arg) a 1 1/2 2:35 4d 4-Se 126 2nd Zapato 0 GnPr Ncnal (Gr1) MatDancer, Pranke, SaintCyrien 15

4 Oct 87-7SanIsidro (Arg) a 1 1/2 1:58 4fm 4 123 13 Zapato 0 GP Jcky Clb (Gr1) Pranke, MonteSimon, NileGreen 20

4 Oct 87-Disqualified from purse money

30 Aug 87-5Hipodromo (Arg) a 1 1:35 3ft 11e 123 12 Zapato 0 Pila dPrtlls (Gr1) Pranke, Redoble, DoctorPanta'eon 22

26 Jul 87-8SanIsidro (Arg) a 1 1:39 1sf 7 123 42 1/2 Zapato 0 Cnsgrcn Ptrlis (Gr1) Fairfield, Guantanamo, Nile Green 12

Feb 6 SA 5 ft 1:00 H Feb 1 SA 4 ft :47 B Jan 28 SA 1 ft 1:41 H Jan 20 SA 1 ft 1:38 H

Triteamtri

VALENZUELA F H 118

Own.—Warner M

15Jan88-8SA 1 1/4 :46 1:10 1:47 25 120

15Jan88-Grade I; Stumbled start

13Nov88-8Hol 1 1/4 :47 1:11 1:48 33 122

13Nov88-Grade I

8Oct88-8Kee 1 1/4 :47 1:12 1:53 32 121

8Oct88-Grade III

3Sep88-9Mth 1 1/4 :48 1:14 1:49 3 112

3Sep88-Grade II

24Aug88-4Deauville(Fra) a1 1:38 gd — 124

26Jun88-3Longchamp(Fra) a1 1/4 2:05 4gd 19 128

29May88-5Longchamp(Fra) a1 1/4 1:54 yl 13 128

8May88-3Longchamp(Fra) a1 1:37 1gd 13 128

17Apr88-5Longchamp(Fra) a1 1:41 3gd 2 128

22Mar88-6StCloud(Fra) a1 1:54 3f 4-5 128

Feb 7 SA 4 ft 1:48 H Jan 31 SA 5 ft 1:01 H Jan 25 SA 4 ft 1:47 H Jan 10 SA 7 ft 1:27 H

B. c. 4, by Tri Jet—Special Team, by Specialmante

Br.—Warner M L (Fla)

Tr.—Frankel Robert

Lifetime 15 5 2 1 \$212,430

73 42 77 88 Meza RQ 4 Sn Frnd 84-11 MiPreferido, Sportic, PrivArrognc 12

32 1st 2nd 93 CordrAJr 4 Hol Dby 83-14 Silver Circus, Raykour, Dr. Death 14

32 21 23 69 1/2 RmrRP 5 Kee Brd Cup 67-19 Niccolo Polo, Pollenate, Eve's Error 10

1st 1st 11 12 RomrRP 1 Logfellow H 98-07 Tritemtri, Wnderkin, Arrived On Time 9

55 1/2 Legrix E PxQuincey(Gr3) AlwaysFair, Foreign Survivor, Zelphi 12

64 CrsonW Gr Px Prs(Gr1) FijarTango, Pasakos, Welkin 10

32 EddyP PrJean Prat(Gr1) Lapierre, Fijar Tango, Tritemtri 8

43 EddyP PouleEssaiPolains(Gr1) BlushingJohn, FrnchStrss, WyWhrf 10

22 BoufD Pr deFentanblu(Gr3) BlushingJohn, Tritemtri, SovietLad 7

11 1/2 Boeuf D Px Omnium II Tritemtri, TarzndesMottes, Interply 8

11 1/2 Boeuf D Px Omnium II Tritemtri, TarzndesMottes, Interply 8

11 1/2 Boeuf D Px Omnium II Tritemtri, TarzndesMottes, Interply 8

11 1/2 Boeuf D Px Omnium II Tritemtri, TarzndesMottes, Interply 8

11 1/2 Boeuf D Px Omnium II Tritemtri, TarzndesMottes, Interply 8

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11 1/2 Boeuf D Px Omnium II Tritemtri, TarzndesMottes, Interply 8

11 1/2 Boeuf D Px Omnium II Tritemtri, TarzndesMottes, Interply 8

11 1/2 Boeuf D Px Omnium II Tritemtri, TarzndesMottes, Interply 8

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11 1/2 Boeuf D Px Omnium II Tritemtri, TarzndesMottes, Interply 8

11 1/2 Boeuf D Px Omnium II Tritemtri, TarzndesMottes, Interply 8

11 1/2 Boeuf D Px Omnium II Tritemtri, TarzndesMottes, Interply 8

11 1/2 Boeuf D Px Omnium II Tritemtri, TarzndesMottes, Interply 8

11 1/2 Boeuf D Px Omnium II Tritemtri, TarzndesMottes, Interply 8

11 1/2 Boeuf D Px Omnium II Tritemtri, TarzndesMottes, Interply 8

11 1/2 Boeuf D Px Omnium II Tritemtri, TarzndesMottes, Interply 8

11 1/2 Boeuf D Px Omnium II Tritemtri, TarzndesMottes, Interply 8

11 1/2 Boeuf D Px Omnium II Tritemtri, TarzndesMottes, Interply 8

11 1/2 Boeuf D Px Omnium II Tritemtri, TarzndesMottes, Interply 8

11 1/2 Boeuf D Px Omnium II Tritemtri, TarzndesMottes, Interply 8

11 1/2 Boeuf D Px Omnium II Tritemtri, TarzndesMottes, Interply 8

11 1/2 Boeuf D Px Omnium II Tritemtri, TarzndesMottes, Interply 8

11 1/2 Boeuf D Px Omnium II Tritemtri, TarzndesMottes, Interply 8

11 1/2 Boeuf D Px Omnium II Tritemtri, TarzndesMottes, Interply 8

11 1/2 Boeuf D Px Omnium II Tritemtri, TarzndesMottes, Interply 8

11 1/2 Boeuf D Px Omnium II Tritemtri, TarzndesMottes, Interply 8

11 1/2 Boeuf D Px Omnium II Tritemtri, TarzndesMottes, Interply 8

11 1/2 Boeuf D Px Omnium II Tritemtri, TarzndesMottes, Interply 8

11 1/2 Boeuf D Px Omnium II Tritemtri, TarzndesMottes, Interply 8

11 1/2 Boeuf D Px Omnium II Tritemtri, TarzndesMottes, Interply 8

11 1/2 Boeuf D Px Omnium II Tritemtri, TarzndesMottes, Interply 8

11 1/2 Boeuf D Px Omnium II Tritemtri, TarzndesMottes, Interply 8

11 1/2 Boeuf D Px Omnium II Tritemtri, TarzndesMottes, Interply 8

11 1/2 Boeuf D Px Omnium II Tritemtri, TarzndesMottes, Interply 8

11 1/2 Boeuf D Px Omnium II Tritemtri, TarzndesMottes, Interply 8

11 1/2 Boeuf D Px Omnium II Tritemtri, TarzndesMottes, Interply 8

11 1/2 Boeuf D Px Omnium II Tritemtri, TarzndesMottes, Interply 8

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11 1/2 Boeuf D Px Omnium II Tritemtri, TarzndesMottes, Interply 8

11 1/2 Boeuf D Px Omnium II Tritemtri, TarzndesMottes, Interply 8

1989 1 0 0 0 \$141,148

1988 9 2 1 1 \$212,430

Turf 14 5 2 1

84-11 MiPreferido, Sportic, PrivArrognc 12

83-14 Silver Circus, Raykour, Dr. Death 14

67-19 Niccolo Polo, Pollenate, Eve's Error 10

98-07 Tritemtri, Wnderkin, Arrived On Time 9

AlwaysFair, Foreign Survivor, Zelphi 12

FijarTango, Pasakos, Welkin 10

Lapierre, Fijar Tango, Tritemtri 8

BlushingJohn, FrnchStrss, WyWhrf 10

BlushingJohn, Tritemtri, SovietLad 7

Tritemtri, TarzndesMottes, Interply 8

1989 2 1 0 0 \$66,250

1988 13 2 0 2 \$190,832

Turf 19 2 1 3 \$53,990

88-16 OnTheLine, MrkChip, StylishWinner 8

81-28 He's A Saros, Kadial, Ship's Log 4

73-16 Callestoga, StylishWinner, MarkChip 8

80-12 CutlssRelity, LivelyOn, StylishWinnr 8

95-07 H'sASros, ConqurngHro, StylishWnnr 8

91-15 He's A Saros, Stylish Winner, Shaify 7

92-12 Precisionist, LivelyOne, He'sASaros 4

73-13 Mazilier, Neshad, Miracle Horse 8

99-07 ConqueringHro, DistntPi, HonorMdl 8

86-25 LostCode, HonorMedal, OutlawsShm 7

1342-262 1342-262

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1342-262 1342-262

He's A Saros *

VALENZUELA P A 118

Own.—Green Thumb Farm Stable

29Jan88-8SA 1 1/4 :46 1:10 1:41 11 117

29Jan88-Grade II

7Jan88-8BM 1 1/4 :48 1:12 1:50 4 117

7Jan88-Grade III

24Nov88-8Hol 1 :45 1:10 1:36 gd 8 118

24Nov88-Wide final 3/8

22Oct88-8SA 1 1/4 :46 1:09 1:47 17 116

22Oct88-Grade III; Checked 7 1/2, wide

20Oct88-11Fpx a1 1/4 :47 1:12 1:49 3 118

17Sep88-11Fpx 1 1/4 :46 1:12 1:44 ft

	F 1	F 2	F 3	S C
PACE	58.07	<u>55.82</u>	53.33	56.65
CAJUN	58.07	54.06	50.67	56.65
GORKY	57.46	54.36	52.08	56.37
TRITECL	55.73	<u>55.82</u>	52.13	55.76
TRIT-Mile	55.73	<u>55.82</u>	52.90	55.76
TRIT-Mile	54.99	<u>55.45</u>	52.10	55.14
SAROS	53.90	55.20	53.33	54.33

	F 1	F 2	F 3	S C
PACE	58.07	<u>55.20</u>	53.33	56.65
CAJUN	58.07	54.06	50.67	56.65
GORKY	57.46	54.36	52.08	56.37
SAROS	53.90	55.20	53.33	54.33

TRITE was evaluated from the client's pace line (underlined), from the mile portion of that same race AND from its Mth win. In each case note its acceleration in TURN TIME. This is what called Tom Brohamer's attention to the horse in the first place. Regardless of pace line manipulation, TRITE has a distinct advantage on the turn. Under today's MUD conditions that is a paramount factor.

If you shared my analysis that CAJUN would die on the turn, that GORKY needed to make its BIG MOVE on the turn and that SAROS' only hope was a big CLOSE, you would elevate Triteamtri's chances considerably. SAROS, the other win threat, along with TRITE and GORKY, has never won against a 2nd CALL faster than 112.1. It WILL NOT get that slow a 2nd call today, even in the mud. This is basic MATCH-UP procedure. Bite the bullet and pray PRANKE doesn't surprise and you have the race 1,2 or 2,1, depending on your evaluation of GORKY.

R A N K I N G S

NAME	FW	EP	SP	TT	FX	WX	LP	DR
	==	==	==	==	==	==	==	==
GORKY	1	2	2	2	1	1	3	2
CAJUN	2	1	4	4	2	2	4	3
TRITE	3	3	1	1	3	3	2	1
SAROS	4	4	3	3	4	4	1	1

9331 -- SEVENTH RACE. 1 mile. "Pompell Court Handicap" A Handicap for 4 year olds & up. Value of Race \$60,900 To Winner \$33,900 Second \$12,000 Third \$9,000 4th \$4,500 Fifth \$1,500 Purse \$60,000.

Horse and Jockey	Wgt.	PP	ST.	1/4	1/2	3/4	Str.	Fin.	To\$1
Triteamtri (Stevens)	118	4	1	1-1/2	1-1	1-4	1-6	1-10	3.70
Gorky (Pincay Jr.)	117	1	2	4-7	4-2	4-2	2-52-4	1/2	3.10
He's A Saros (Valenzuela)	118	5	3	2-3	2-2	2-1/2	3-1/2	3-1/2	5.00
Pranke (Arg) (Delahoussaye)	120	3	5	5	5	5	4-1	4-6	1.40
He's A Cajun (Meza)	116	2	4	3-1/2	2-1/2	3-1/2	5	5	5.80

Scratched - Mark Chip, Sabona

Claimed - None

Triteamtri	9.40	4.00	3.20
Gorky		3.00	2.40
He's A Saros			2.80

TIME -- 0:23.2, 0:47.1, 1:12.1, 1:25.2, 1:38.1. Cloudy & Muddy. Winner -- b.c. 85 Trl Jet Special Team. Trained by Robert Frankel. Mutual pool -- \$404,378. Exacta pool -- \$505,788

\$5 Exacta (6-1) Paid \$92.00

Trip Handicapping

via the Racing Form

by Doc Sartin



MORE THOUGHTS TURN TIME

In analyzing the significance of each fraction in a thoroughbred race we have discerned the following: the FIRST Fraction, especially in sprints, in the indicator of condition. The velocity of this fraction is less important than how it is run relative to a horse's performance when it has finished well. We find an average adjusted velocity by distance when the horse performs well (within 3 lengths at the finish) and then chart deviations from this in-condition norm. To aid in our decision in the matter we must do an E-S-P evaluation of the horse's preferred style.

We must also distinguish between CONDITION CYCLE and FORM CYCLE. The criterion for FORM postulated by William Scott in How Will Your Horse Run Today, is by our definition CONDITION, not form. Condition is cyclic. Form is constant. Form designates an animal's BASIC behavioral pattern. This leads us to TURN TIME.

A well known and highly respected Handicapping expert heard me state at a recent lecture that TURN TIME was most reflective of an animal's BASIC reflex: it's behavioral predisposition. He politely disagreed. It is his contention that the FIRST fraction is most indicative of a horse's essential nature and that TURN time represents its current FORM. This person does not know me well enough to understand that I do not make sweeping statements in lectures without having researched the facts. Years of research have demonstrated that TURN TIME is the optimal clue to a horse's essential nature. (Editor's note: in this article, Howard is using the original definition of Turn Time: the second fraction. He is not referring to the Turn Time Formula used in Synergism and a few other computer programs.)

Granted, there are many horses, especially young ones and Maidens going against winners for the first time, who decelerate noticeably on the Turn. But that, too, demonstrates the efficiency of TURN TIME as a predictor. The majority of horses, running well or badly, show less deviation, Hi and Low on the Turn than in any other fraction. In evaluating "personality" or behavioral predispositions, we look for maximal and minimal deviations from an average. Overall, these Hi-Low deviations in TURN TIME are less than in any other increment of a race. Hence our designation: TURN TIME is the Behavioral Fraction.

We have already discussed the THIRD FRACTION in this series. Tom Hambleton has elaborated even more extensively on its pertinence. In the seven example races we have used, the averaged THIRD FRACTION DEVIATION was 1.39. In truth, it is a little higher than this because in our analysis of CHEY and BARB we arbitrarily reduced final beaten lengths to 5 regardless of the actual amount OVER 5. Long research has led us to dub the Final Fraction of a race as "The CLASS fraction." We refer not to numerical class nor claiming-allowance

levels but, rather, to a horse's INNATE class: its DESIRE. Some horses, especially dedicated front-runners, will fold when seriously challenged for the lead. Their Third Fraction ability is dictated by their position early in the race. When challenged, they fold. Hence, E horses will have the HIGHEST THIRD FRACTION DEVIATION of any.

To confirm this, and to use it for evaluating the chances of an E horse in today's race, average its THIRD FRACTION velocity when it wins, places or shows within 2.5 lengths. Then average its Third fractions when running on or close to the lead but is BEATEN by more than 2.5 lengths. The degree of deviation will be your clue to the horse's innate class. If the deviation is OVER 1.25, look closely at your P and S horses. If one or more of them is capable of pressing your E horse(s) in the 3rd fraction, relative to the velocity of the 2nd call, look for the E to fold. When you have more than one E horse, concentrate on the one with 1) the Better Turn Time and, 2) the better 3rd fraction.

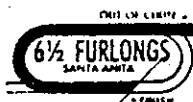
Six of the seven horses profiled in this installment are from a race analyzed by Tom Renner. His decision regarding pace line selection for BARBER'S CHOICE was made based on his analysis of the animal's Total Performance against today's match-up. CHEYENNE TOPIC, based on the same match-up, was the designated PLACE Horse. While I'm sure that Tom didn't go to the lengths of THIS analysis to discount BARB'S BEST race at 6.5 furlongs, he did perceive that in today's company at a 64% of purse class level, BARB should NOT be projected from a superior effort where it was able to get a comfortable lead against a 21.4 First Fraction. Today's projected pace is probably going to be 21.4 as well. But BARB'S average 3rd fraction velocity of 51.75 is no match for the 53.18 Average (Internal Fraction Route) average of HOT or the 52.48 of LUCK. It is even lower than that of the Favorite EXCEL, with a 51.91. Tom made a wise decision. Let's examine the facts:



Tom Renner

Sartin Note: Tom Renner is PircO's newest Teaching Member. He lives in the area known as the the Inland Empire - From Ontario to Banning. He invests at the San Bernardino satellite Center. He never even saw a horse race until he joined us. He has no prejudices and could care less about trainers, jockeys, post positions, weight or other horsy set aberrations. After a brief apprenticeship he began winning at a consistent rate of 70% and better; falling below only on those days when the card demanded. This is Tom's first Follow-Up contribution.

7th Santa Anita



6 1/2 FURLONGS. (1.14) ALLOWANCE. Purse \$37,000. 3-year-olds and upward which are non-winners of \$3,000 twice other than maiden or claiming. Weight, 120 lbs. Non-winners of two races other than claiming since December 25 allowed 2 lbs.; of a race other than maiden or claiming since February 1, 4 lbs.

Marasid

Toro F

OUT

116

Own.—Bell II—Theisen—Theisen

12Feb89-7SA 2:14 2:14 1:54gd 13 115

18Feb89—Broke out, bumped

23Jly88-1Ascot(Eng) 1.

23Jly88—Race for Lady riders

9Jly88-2Lingfield(Eng) 2:14

25Jun88-1N'wcastle(Eng) 1

20Apr88-4Epsom(Eng) 1 1/2

1Sep87-5Epsom(Eng) 7 1/2

1Aug87-1Windsor(Eng) 6f

Mar 20 SA 3 1/2 ft 1:35 H

Ch. c. 4, by Ferli—Mabira, by Habitat

Br.—H H Aga Khan (Ky)

Tr.—Bell Thomas R II

Lifetime 7 2 1 0 \$11,620

78 99 101 101 101 1/2 Toro F

1989 1 0 0 0

1988 4 0 1 0

Turf 7 2 1 0

\$3,297

\$11,620

Aw36000 64-20 GrndTier,Exceller'sSpecil,BrveCpd 10

Wilmsn Dmnd Joligenertion,Propero,CourtTown 15

RbrtsM BelWith Tote Trphy Warning, Salse, SoldProspect 8

Birch M Earsdon Ghaer, Marasid, ClassyTurn 4

SnbrnWR Ble Rbnd Tri Shuja, StCadoc, Ilisipour 6

SbrWR Rubng Hse Grad Marasid, Tolo, True Fact 4

KmbryA Sprngfld Grad Marasid,ThatchedCourt,ValintSint 10

Mar 8 SA 6 1/2 ft 1:53 H

Mar 2 SA 6 1/2 ft 1:51 H

Basic Exchange

OLGUIN G L

1115

Own.—Hooper F W 605

7Sep88-8Dmr 6f :22 :44 1:09 1/2 ft *6-5 117

28Aug88-5Dmr 6f :22 :45 1:09 1/2 ft 5 1/2 117

6Aug88-6Dmr 6f :22 :45 1:11 ft 13 117

6Aug88—Bumped start; steadied 3/8

13Jly88-6Hol 6f :22 :45 1:11 1/2 ft 72 117

13Jly88—Wide 3/8 turn

Mar 19 Hol 5 1/2 ft 1:02 H

B. c. 3, by Copelan—Ideal Exchange, by Crozier

Br.—Hooper F W (Fla)

Tr.—Russell John W

Lifetime 4 2 0 1 \$56,300

3 1/2 1st 2nd 12 1/2 McChr CJ5 Rcho Sfe 91-17 BasicExchange,Endow,TheLonWolf 7

1 1/2 11 1 1/2 13 1/2 Meza R Q2 Mdn 90-12 BsicExchnq,RivrMstr,MightBRght 11

85 86 1/2 6 1/2 6 1/2 Baze R A4 Mdn 79-14 Jonthn'sGold,TelTop,MightBRght 12

43 31 2 1/2 33 Baze R A11 Mdn 82-16 Movinglikwnnr,Hwkstr,BscExchnq 12

Mar 12 Hol 6 1/2 ft 1:13 Hg

Mar 6 Hol 5 1/2 ft 1:03 H

Mar 2 Hol 6 1/2 ft 1:17 1/2 H

Barber's Choice

VALENZUELA F H

1135

Own.—Charles & ClearValleyStables

4Mar89-7SA 1 1/2 :46 1:10 1:42 ft 10 116

4Mar89—Veered in start

24Feb89-7SA 6f :21 1/2 :44 1:16 ft 3 1135

9Feb89-5SA 6f :21 1/2 :44 1:10 1/2 ft 4 1125

9Feb89—Wide into stretch

27Jan89-5SA 6f :20 1/2 :44 1:10 1/2 ft 9 1125

27Jan89—Bumped start; wide into stretch

16Jan89-1SA 6f :21 1/2 :44 1:09 1/2 ft 5 1115

30Dec88-2Hol 6f :21 1/2 :45 1:11 ft 3 118

24Nov88-5Hol 6f :22 1/2 :45 1:17 1/2 gd 4 118

12Nov88-1Hol 6f :21 1/2 :44 1:10 1/2 ft 3 116

12Nov88—Brushed late

26Oct88-9SA 1 1/2 :46 1:11 1:43 1/2 ft *2 116

26Oct88—Wide

8Oct88-10SA 1 1/2 :46 1:11 1:44 1/2 ft 3 116

Mar 17 SA 4 1/2 ft :45 H

B. c. 5 by If This Be So—Teavoya, by Admiral's Voyage

Br.—Barber J E (Fla)

Tr.—Shulman Sanford

Lifetime 21 5 2 2 \$65,525

11 1 1/2 3 1/2 5 1/2 Pedroza MA 11 Aw40000 84-12 Field Of View, LocalsOnly,Valance 11

11 1 1/2 3 1/2 5 1/2 Valenzuela FH 2 Aw32000 90-16 Brbr'sChic,OurNivWish,NvrTring 9

6 1/2 9 1/2 9 1/2 9 1/2 Valenzuela FH 3 Aw32000 69-24 InstinctivRson,KvinsDfns,WickdId 10

Valenzuela FH 10 Aw32000 85-21 Eccllr'sSpcl,Brbr'sChc,InstinctvRsn 11

Valenzuela F H 8 16000 92-19 Barber'sChoice,Romaxe,Lrk'sLegacy 9

Valenzuela FH 2 c12500 87-12 Brbr'sChc,SwitwtrSprngs,ClsscQck 11

Valenzuela P A 5 12500 86-16 Tranzor, KingClyde,Barber'sChoice 9

Valenzuela P A 3 10000 91-08 Brbr'sChc,SwitwtrSprngs,Dr'Lfght 8

Valenzuela P A 5 16000 72-16 Rkposhi,K'sChrger,ExoticArbitor 11

DelahoussayeE 3 25000 77-17 Boo W., Sinforoso, Aranjuez 10

Feb 18 SA 4 1/2 ft :48 1/2 H

Hot Operator

STEVENS G L

116

Own.—Allen H

13Nov88-2Hol 1 :42 1:09 1:35 1/2 ft 2 118

13Nov88—Wide backstretch

19Oct88-7SA 1 :45 1:10 1:36 ft 3 117

19Oct88—Crowded 3/8 turn, wide into stretch

6Oct88-7SA 1 1/2 :46 1:10 1:44 1/2 ft *9-5 116

5Sep88-3Dmr 1 1/2 :45 1:11 1:43 1/2 ft *4-5 116

20Aug88-4Dmr 1 1/2 :46 1:10 1:43 ft 2 116

20Aug88—Wide into far turn, backstretch

25Jly88-2Hol 1 :45 1:10 1:35 1/2 ft 2 115

26Jun88-6Hol 1 :45 1:10 1:35 1/2 ft 7 115

10Jun88-2Hol 6f :22 :45 1:10 1/2 ft 7 115

Mar 20 SA 3 1/2 ft :37 B

B. c. 4 by Well Decorated—Nice And Warm, by Crozier

Br.—Ocala Stud Farms (Fla)

Tr.—Mettee Richard C

Lifetime 8 2 4 1 \$58,450

54 52 1/2 44 64 Gryder A T 6 Aw27000 83-13 Oraibi, Monte Simon, Vysetsky 10

5 1/2 4 1/2 1 1/2 13 Gryder A T 4 Aw29000 88-16 HOprrr,TmFrAccrc,DmscsCmmndr 8

Gryder A T 1 Aw34000 79-13 Everso, I Love Racing,HotOperator 7

Gryder A T 2 Mdn 84-12 Hot Operator,Quavo,Mikeylikeshim 7

Gryder A T 8 Mdn 81-15 PerceiveArrogance,HotOprrr,Script 8

Mdn 84-16 SkyHigh,HotOpertor,Mikeylikeshim 8

Mdn 81-07 SwordCharger,HotOperator,Clcde 10

Mdn 81-13 Jet Pro, Hot Operator, Sir Damon 9

Mar 12 SA 7 1/2 ft 1:28 H

Mar 6 SA 5 1/2 ft 1:01 1/2 H

Feb 25 SA 5 1/2 ft 1:01 1/2 H

Cheyenne Tropic ***BAZE R A****116**

Own.—Four Four Forty Farms

Feb89-7SA 6f :213 :44 1:16 m 6 116

Feb89—Broke slowly

22Jan89-5SA 6f :212 :44 1:16 ft 19 116

7Jan89-2SA 6f :213 :44 1:09 ft 5 116

29Oct88-3SA 6f :213 :44 1:08 ft 3-2 116

30Oct88-7SA 6f :212 :44 1:15 ft 38 116

11Sep88-7Dmr 6f :213 :44 1:09 ft 15 116

21Aug88-2Dmr 6f :214 :44 1:09 ft 21 116

21Aug88—Bobbled start

18May88-8Hol 6f :22 :45 1:10 ft 7 120

23Apr88-8SA 7f :221 :45 1:23 m 52 117

23Apr88—Bumped start

6Apr88-7SA 6f :214 :45 1:09 ft 6 118

6Apr88—Stumbled, bumped at start, checked at 3/16

Mar 20 SA 5R :36 1H

Mar 13 SA 5R 1:00 1H

Mar 6 SA 5R 1:00 1H

Feb 25 SA 4R :43 1H

Ch. g. 5 by Bold Tropic—Cheyenne Birdsong, by Restless Wind

Br.—Cardiff Stud Farm (Cal)

Tr.—Borick Robert

1989 3 0 1 0

1988 10 2 1 0

776

\$7,000

\$33,000

Lifetime 20 3 2 0 \$58,040

41 33 912 917

Sibille R2

62500 73-23 Presidents Summit, Ken Knight, Ord 9

Aw35000 89-14 Beyond ThWll, Chynn Trpc, Lcky Sn'S 10

c40000 84-14 Palar, Lucky Masadado, Quip Star 11

c32000 94-12 Tddy Ntrly, Chynn Trpc, Bmhs Brstng 8

Aw30000 87-13 Sure Swift, Burn Annie, Torres Vedras 8

40000 85-17 Constnt Bounty, Cliff's Plc, Sum Acton 9

62500 77-12 Golden Guntlet, Lns Mnus, Rosi's K.T. 8

Aw36000 82-18 Golden Gauntlet, Threegees, Bold Jde 8

Aw34000 85-15 Cheyenne Tropic, Wily, Prim Concord 8

Aw34000 86-17 Powrfl Ntv, Flyng Nwsboy, Prm Cncrd 7

Lucky So n' So**PINCAV L JR****116**

Own.—Calumet Farm Inc

12Mar89-3SA 6f :22 :44 1:14 fm 7 116

12Mar89—Ducked out early drive

25Feb89-4SA 6f :211 :44 1:08 ft 11 115

25Feb89—Fractious gate; lugged out backstretch

19Feb89-5SA 1 :46 1:11 1:37 ft 6 117

4Feb89-7SA 6f :221 :45 1:18 sy 4 116

4Feb89—Wide

22Jan89-5SA 6f :212 :44 1:16 ft 41 115

22Jan89—Wide into stretch

4Jan89-5SA 6f :211 :44 1:08 ft 47 115

30Jly88-10LA 6f :211 :44 1:16 ft 5 110

24Jly88-7Hol 6f :214 :44 1:09 ft 6 114

8Apr88-8Kee 7f :23 :45 1:22 ft 10 118

18Mar88-8GG 6f :212 :43 1:08 ft 6-5 122

18Mar88—Wide

Mar 5 SA 5R :52 1H

Feb 14 SA 5R 1:01 1H

Jan 29 SA 5R 1:03 1H

B. c. 5 by Alydar—Spring Sunshine, by Nashua

Br.—Calumet Farm Inc (Ky)

Tr.—Lukas D Wayne

1989 6 0 1 1

1988 4 0 1 0

608

\$12,450

\$7,500

Lifetime 12 2 2 1 \$70,080

31 65 916 1018

McCarron CJ7 Aw36000 66-13 Brave Cpde, Good Delivernce, Drmtis 10

McCarron CJ3 Aw36000 82-14 Thrsg, Lucky Son'So, Eighty Blow Zro 8

Aw40000 66-21 Recitation Spin, Alandvon, Attesa 10

Aw36000 68-30 Hail Commander, Bet The Pot, Alandvon 8

Aw35000 88-14 Beyond ThWll, Chynn Trpc, Lcky Sn'S 10

Aw35000 86-12 Ron Bon, Icy Amber, Beyond The Wall 12

Lmbert J5 @Dn Benito 92-09 Lans Mnus, Time For Skrtz, Threegees 8

Stevens G L7 Aw36000 88-12 Overbrook, Lans Manus, Burn Annie 7

Fires E5 Lafayette 70-21 Forty Niner, Booy Aloha Prospector 8

Baze R A2 Hcp0 93-13 Prosctrs GmbL, Lcky Sn'S, Hrd TMss 6

Exceller's Special**FAVORITE****SIBILLE R****116**

Own.—Ippolito S

18Feb89-7SA 6f :214 :44 1:15 gd 4 120

27Jan89-5SA 6f :204 :44 1:10 ft 13 117

13Jan89-7SA 7f :22 :44 1:22 ft 12 117

1Jan89-5SA 1 1/2 :45 1:10 1:42 ft 10 116

1Jan89—Bobbled start

15Dec88-6Hol 1 :45 1:10 1:36 gd 2 121

14May88-6Hol 1 1/2 :46 1:11 1:45 ft 4 119

17Apr88-6SA 1 1/2 :46 1:11 1:43 ft 9 118

30Mar88-6SA 6f :22 :45 1:16 ft 2 120

27Feb88-4SA 1 1/2 :47 1:11 1:43 ft 2 119

27Feb88—Broke slowly; lugged in stretch

14Jan88-6SA 6f :213 :44 1:10 ft 2 119

Mar 20 SA 4R :47 1H

Mar 15 SA 5R 1:01 1H

Feb 27 SA 5R 1:02 1H

Feb 13 SA 4R :48 1H

Dk. h. or br. h. 5, by Exceller—Keys Special, by Chieftain

Br.—Reverie Knoll Farm (Fla)

Tr.—Ippolito Steve

1989 4 1 1 1

1988 6 1 2 0

797

\$29,450

\$27,125

\$7,324

Lifetime 13 2 4 1 \$57,299

43 43 32 2nk

Sibille R 2 Aw36000 80-20 Grnd Tier, Exceller's Specil, Brve Cpd 10

Sibille R 2 Aw32000 86-21 Eclir's Specil, Brbr's Chc, Instructv Rsn 11

Sibille R 8 Aw31000 85-15 Roylegl, Our Ntiv Wish, Excclr's Specil 10

Sibille R 10 Aw34000 79-10 Malo Malo, Sky High, Mispu 11

MS0000 82-18 Excclr's Specil, Corond By, Mjstc Sght 10

Mdn 66-15 Pr Exps, Exceptn Tint, Prv Smthng 12

Mdn 80-17 Delegant, Exccler's Specil, Dupond 10

Mdn 76-18 WllN Wylon, Exceptn Tint, Mrk Of Czr 10

Mdn 65-17 Thirty Grand, Daloma, Fortunate Hour 10

Mdn 86-21 Undr And Ovr, Eclir's Specil, Infntn Hdg 12

Tres Suave**MCCARRON C J****116**

Own.—Ross A

24Aug88-5Dmr 1 1/2 :46 1:10 1:42 ft 1 118

31Jly88-7Dmr 1 :45 1:09 1:34 ft 6-5 118

31Jly88—Wide 7/8 turn, down backstretch

17Jly88-2Hol 1 :45 1:09 1:34 ft 3 116

2Jly88-7Hol 1 :44 1:09 1:35 ft 6 115

19Jun88-3Hol 1 1/2 :46 1:10 1:43 ft 18 116

21May88-9Hol 1 1/2 :46 1:11 1:43 ft 8 116

20Apr88-7SA 1 :45 1:10 1:35 sy 11 116

3Apr88-9SA 1 1/2 :46 1:10 1:42 ft 20 116

12Mar88-3SA 1 1/2 :47 1:11 1:43 ft 24 115

17Feb88-7SA 1 1/2 :46 1:11 1:44 ft 45 116

Mar 17 SA 4R :47 1H

Mar 10 SA 6R 1:12 1H

Mar 3 SA 5R :59 1H

Feb 26 SA 4R :47 1H

B. g. 5, by O Big Al—Tres Blanc, by Leonardo III

Br.—Ross A (Cal)

Tr.—Shelman Sanford

1988 11 4 1 2

1987 2 M 1 1

746

\$77,200

\$5,340

Lifetime 13 4 2 3 \$82,540

2nd 1st 1st 1st

McCarron CJ 1 Aw33000 87-11 Tres Suave, Sensationl Str, Presminntly 8

McCarron CJ 1 Aw30000 95-07 Cox McClyde, Tres Suave, Reckless One 7

40000 90-13 Tres Suave, Re Enter, Our Brand X 10

32000 88-12 Tres Suave, Sensationl Star, In Bold 9

32000 83-12 Rakaposhi, Reland, Tres Snaue 7

40000 58-16 Tokyo Boy, Ono Gummo, High Regrds 9

50000 83-17 Rakaposhi, Shigamba, Tres Suave 7

62500 77-13 Spacecapit, Armin, Aloma's Tobin 7

62500 78-19 Armin, Bugarian, Scrapbook 8

Aw34000 65-23 Saker, Carolina North, Desert Classic 12

FIRST FRACTION

TURN TIME

<u>CHEY</u>	<u>BARB</u>	<u>Name</u> ----- CHEY	<u>Name</u> ----- BARBER
60.41	60.55	TT	
61.21	59.69	58.05	
60.18	63.46	58.57	TT
61.10	59.17	58.58	-----
61.67	61.11	58.42	58.93
60.30	59.45	58.41	56.03
58.83	60.64	57.98	56.75
59.98		57.22	58.41
58.55		56.90	56.58
59.51		57.57	57.22
		57.03	56.91
		TT	TT
		-----	-----
		(Average) 57.87	57.26
<u>AVE.</u>	<u>AVE.</u>	<u>HIGH</u> 58.93	<u>HIGH</u> 58.58
60.17	60.58	DEVIATION: 1.67	DEVIATION: .71
<u>HIGH</u>	<u>HIGH</u> 63.46	<u>LOW</u>	<u>LOW</u>
61.67		56.03	
DEVIATION: 3.12	DEVIATION 2.90	DEVIATION: .33	56.90
			DEVIATION: .97
<u>LOW</u>	<u>LOW</u> 59.17	AVE. DEVIATION: 1.0	AVE. DEVIATION: .84
58.55			
DEVIATION: 1.62	DEVIATION 1.41		
AVE. DEVIATION: 2.37	AVE DEVIATION: 2.19		

AVE. DECELERATION 1st to 2nd Fraction

<u>BARB:</u>	<u>5.5%</u>
<u>CHEY</u>	<u>3.9%</u>

TWO HORSE PROFILE - SUMMARY OF DEVIATIONS

<u>Fraction #1</u>	<u>FRACTION #3 *</u>	<u>TURN TIME</u>
2.28	1.35	.92
MOST Dev.		LEAST Dev.

*For final B.L. Each horse was never given more than 5.

AVE. MED

AVE. MED

69.28

CHEY

BARBER

69.46

2c

3rd

59.10	52.14
59.98	51.55
59.55	51.02
59.73	53.63
59.98	52.44
59.23	51.87
58.08	53.62
58.39	52.44
58.23	53.39
58.40	52.98

2c

3rd

59.73	52.38
56.70	50.43
58.91	50.76
59.73	52.80
57.88	51.55
58.65	51.95
58.15	52.38

2c

3rd

2c

3rd

59.07

52.51

58.54

51.75

Total

E N E R G Y
(Total)

Total

57.01

57.21

56.78

57.72

57.80

56.88

56.90

56.44

56.68

56.72

Total

56.98 Ave>

Average>

Total

56.48

THIRD FRACTION

Ave: 52.51

Ave: 51.75

HI 53.63

HI 52.80

DEVIATION 1.12DEVIATION: 1.05

LO 51.02

LO 50.43

DEVIATION 1.49DEVIATION 1.72DECELERATION2nd Call to 3rd Fraction2nd Call to 3rd Fraction

11.2%

11.6%

AVERAGE DECELERATION %7.55%8.55%

Here now is EXCEL. This horse is a lightly raced 5 year old who essentially is a SP/Presser. The horse can close in 26.1 (50.38) against a 20.4 First Fraction on the dirt. In its Turf Race it closed in 30.2 (54.27). In its other dirt effort it closed in 37.3 at 7 furlongs. (52.65). So, it can close against a fast DIRT pace IF the early horses cannot hold on. Against today's match up it is unlikely to make it to the wire first.

Exceller's Special <i>FAVORITE</i>		797	
SIBILLE R		116	
Own.—Ippolito S		Dr. b. or br. h. 5, by Exceller—Keys Special, by Chieftain	
18Feb89-7SA		Dr.—Reverie Knoll Farm (Fla)	
27Jan89-5SA		Tr.—Ippolito Steve	
13Jan89-7SA		Lifetime 13 2 4 1 \$57,299	
61f ① 214 :44.1:15.4gd		1989 4 1 1 1 \$29,150	
61 :20.4 :44.1:1:10.2ft		1988 6 1 2 0 \$27,125	
71 :22 :44.4:1:22.3ft		Turf 4 0 2 0 \$7,924	
41 120 43 43 32 2nk		Aw36000 80-20 GrndTier,Exceller'sSpecil,BrveCpd 10	
13 117 91 88 32 11		Aw32000 86-21 Eccl'sSpcl,Brbr'sChc,InstrectvRsn 11	
65 64 31 32		Aw31000 85-15 RoylEgl,OurNlvWish,Excl'sSpcl 10	

1st Frac.	TURN TIME
Ave. 58.35	Ave. 57.39
Hi 59.17	HI 58.07
LO 57.72	LO 56.79
Ave. DEV. .725	Ave. DEV. .64

Lucky So n' So		607	
PIN CAY L JR		116	
Own.—Calumet Farm Inc		B. c. by Alydar—Spring Sunshine, by Nashua	
12Mar89-3SA		Br.—Calumet Farm Inc (Ky)	
12Mar89—Ducked out early drive		Tr.—Lukas D Wayne	
25Feb89-4SA		Lifetime 12 2 2 1 \$70,080	
25Feb89—Fractious gate; lugged out backstretch		1989 6 0 1 1 \$12,450	
18Feb89-5SA		1988 4 0 1 0 \$7,500	
18Feb89-7SA		Turf 1 0 0 0	
18Feb89—Wide		McCarronCJ7 Aw36000 66-13 BraveCpde,GoodDelivernce,Drmlis 10	
22Jan89-5SA		McCarronCJ7 Aw36000 92-10 Thrgs,LuckySon'So,EightyBlowZro 1	
22Jan89—Wide into stretch		Pincay L Jr3 Aw40000 66-21 Recitation Spin, Alandron, Attesa 10	
4Jan89-5SA		Solis A5 Aw36000 68-30 HailCommnder,BetThePot,Alndvon 8	
30Jly88-10LA		Solis A3 Aw35000 88-14 ByondThWH,ChynnTrpc,LckySn'S 10	
24Jly88-7Hol		Garcia H J10 Aw35000 86-12 RonBon,IcyAmber,BeyondTheWall 12	
18Mar88-8GG		LmbertJ5 ②Dn Benito 92-09 LansMnus,TimeForSkrt,Threegees 0	
		Stevens G L7 Aw36000 88-12 Overbrook, Lans Manus, BurnAnnie 7	
		Fires E5 Lafayette 70-21 Forty Niner, Buoy,AlohaProspector 8	
		Baze R A2 Hcp0 93-13 ProspectsGmbL,LckySn'S,HrdTMss 6	

1st Frac.	TURN TIME
Ave: 58.75	Ave. 58.29 (omitting dev. 60.09)
Hi 60.61	HI 58.97
Lo 56.19	LOW 56.72
Ave. Dev. 2.21	
Ave(without deviant Kee Race)	Ave. Dev.(Without deviant Hi)
1.22	1.12

HOT OPERATOR was evaluated from its Internal Route Fractions. Tom ascertained that he could get his best line of this horse by averaging the the beaten lengths at the first and second call of its last two efforts, and then dividing by half in accordance with the Route/Sprint conversion procedure. His decision was based on the fact that in all but one of its races showing it had a speed rating in excess of 80. The exception was a 79 where the horse was 3rd beaten 3/4 of a length. He read about this averaging procedure in the Yellow Phase III Manual.

Hot Operator		B. c. (J)ny Well Decorated—Nice And Warm, by Crozier		757	
STEVENS G L		Rr.—Orata Stud Farms (Fla)		1988 B 2 4 1	
Own.—Allen H		Tr.—Meltee Richard C		1987 B M 0 0	
190m 88 5Hof	1 :44.2 1:09.8 1:35 1/11	21 118	Lifeline 8 2 4 1	\$59,450	
(12 1/2 m 88—Wide backstretch)			54 52 41 64	Gryder A T 4	Aw27000 (83-13) Draibi, Monte Simon, Vysetsky W
190c188 7SA	1 :45.3 1:10.9 1:36 ft	31 117	51 41 11 13	Gryder A T 4	Aw29000 (88-16) HtOptr, ImFrAccrc, DmscsCmmdr B
190c188—Crowded 3/8 turn, wide into stretch					
60c188 7SA	1 :46 1:10.9 1:44 1/11	9 5 116	31 42 44 31	Gryder A T 1	Aw34000 79-18 Everso, I Love Racing, Hot Operator 7
55c188 30mr	1 :45.4 1:11.2 1:43 1/11	4 5 116	31 21 11 12	Gryder A T 2	Mdn 81-12 Hot Operator, Quavo, Mikeylikeshim 7
20Aug 88 40mr	1 :46.1 1:10.3 1:43 ft	21 116	51 42 22 23	Gryder A T 8	Mdn 81-15 PerceiveArrogance, HotOptr, Script B
20Aug 88—Wide into far turn, backstretch					
25Jly 88 2Hof	1 :45.2 1:10.2 1:35 1/11	21 115	41 11d 11 2nd	Gryder A T 8	Mdn 81-16 SkyHigh, HotOperator, Mikeylikeshim B
26Jly 88 6Hof	1 :45.2 1:10.1 1:35 1/11	71 115	31 22 24 25	Gryder A T 7	Mdn 81-87 SwordCharger, HotOperator, Ckde W

RAW ENERGY FACTORS

Race: Dist = 8-0 8.5 FURLONGS Comments: RT. PROFILE

Name	Total	TT	3rd	Med	2c	2cb1	ESP Type
HOT	54.24	53.04	50.93	68.70	56.63	3	Early
HOT	54.21	52.88	52.17	67.92	55.88	1	E/P Presser
HOT	53.32	53.82	49.37	69.14	55.67	3	Early
HOT	53.74	52.70	51.32	68.17	55.69	1	E/P Presser
HOT	53.86	53.98	50.77	68.58	55.67	3	E/P Presser
HOT	54.30	52.80	51.94	68.11	56.25	0	E/P Presser
HOT	54.42	53.06	52.32	67.95	55.98	3	E/P Presser

Ave.	Average	Total	TT	3rd	Med	2c	2cb1	ESP Type
1st Frac.		54.01	53.18	51.26	68.37	55.97	2	E/P Presser

57.47

HI: 58.55

DEV: 1.08

LO: 56.63

DEV: .84

Ave. DEV: .96

HI 53.98

DEV: .74

LO 52.70

DEV: .48

Ave. DEV: .61

3rd FRACTION

Ave: 51.26

HI: 52.32

DEV: 1.06

LO: 49.37

DEV: 1.89

Ave. DEV: 1.475

SUMMARY OF DEVIATIONS

In profiling SIX horses we find only ONE with a

Slightly more predictable 1st fraction over Turn Time.

This was a 3 YO fresh from A Maiden Win; the kind of Horse we expect to have inconsistent Turn Time; a chief reason horses direct from a Maiden Win fail against more experienced horses.

Profiling SIX horses, including one router, the deviations were:

AVE 1st Frac Deviation

1.20

AVE. TURN TIME Deviation

.88

Ave. 3rd Fraction Deviation: 1.39

Perhaps the expert who disagreed with my evaluation of Turn Time had an animal like APRIL JOVEE in mind. Let's investigate.

April Jovee

Own.—Ferriola Ingrid

113

Ch. m. 5, by Northern Jove—Weebow, by Gum Bow

Br.—Heart 3 Stable (Md)

Tr.—Ferriola Peter

\$15,500

1989 8 0 1 1

\$3,900

1988 21 1 4 5

\$26,660

Lifetime 37 4 7 7 \$46,564

Turf 3 0 0 0

9Mar89-4Aqu - 6f [a]:22.4 :47 1:12 1/4 10 113 85 7 1/2 7 1/2 3 1/4 Santos J A 1 12000 82-15 Festive Lady, Henna Girl, April Jovee 11
22Feb89-9Aqu 6f [a]:22.4 :46 1:12 1/4 2 1085 54 3 1/2 4 1/2 5 1/2 Martinez JR Jr 1 12000 74-19 Fast a Dancer, Sea Accord, Nikolodia 11
5Feb89-9Aqu - 6f [a]:22.4 :47 1:12 1/4 1 117 2 1 1 1 5 1/2 Fox W I Jr 1 14000 78-18 Crm II Sts, L INncy McGH, Plym Whstl 11
30Jan89-1Aqu - 6f [a]:22.4 :46 1:11 1/4 2 117 3 1 1 2 2 2 1/2 Fox W I Jr 1 14000 82-22 Prattler, April Jovee, Gallant Mode 9
20Jan89-3Aqu - 6f [a]:22.4 :47 1:13 1/4 2 117 6 1/2 3 1/2 4 1/2 6 1/2 Migliore R 1 14000 75-23 Miss Rachel Toner, Prattler. Mine 11

First FractionTURN TIME3rd FRACTION

AVE: 56.59

54.75

52.90

HI: 57.87

56.24

50.47

LOW: 55.37

54.63

50.81

56.02

52.30

54.71

50.73

AVE. DEVIATION

TT

3rd

1.25

55.27

51.44

Ave. 55.27

Ave. 51.44

Hi: 56.24

HI: 52.90

LO: 54.63

LO: 50.47

AVE. DEVIATION

AVE. DEVIATION

.805

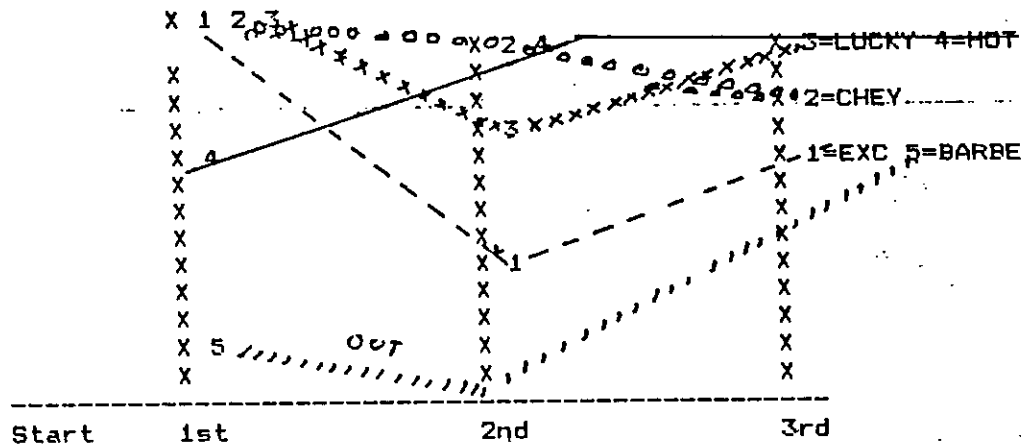
1.21

No, even this loser follows the NORMAL Deviation Pattern.

Paragon B Match Up Exdc

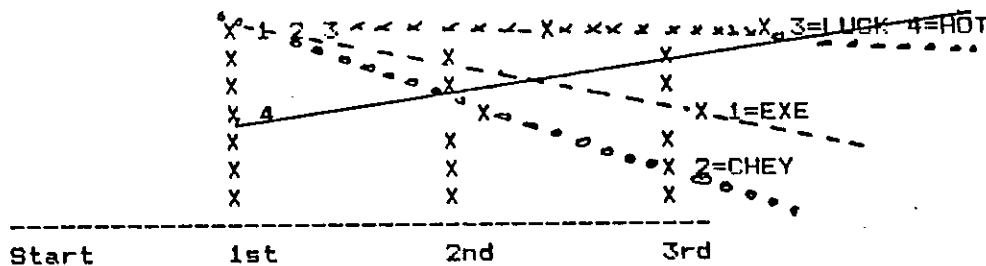
Name		1st	2nd	3rd
----- EXC	1	35.55	32.91	29.97
o o o o CHEY	2	35.53	33.84	29.60
***** LUCKY	3	35.48	33.54	30.63
----- HOT	4	34.92	<u>33.96</u>	30.60
///// BARBE	5	<u>34.15</u>	<u>31.87</u>	32.41

Paragon A Match Up Exdc



Deceleration Ratio

Name		Ep	Lp	T'tl	Ave
--- EXE	1	92.57	91.07	84.30	91.82
o o o CHEY	2	95.24	87.47	83.31	91.36
x x x LUCK	3	94.53	91.32	86.33	92.93
--- HOT	4	x 97.25	90.11	x 87.63	x 93.68



9583—SEVENTH RACE. 8-1/2 furlongs. 3 year olds & up. Allowance. Purses \$37,000.

8041 Hot Operator, Stevens	118	4	5	41	31H	1st	13H	7.80
9304 Cheyenne Tropic, Baze	118	5	2	22	21H	2H	2H	8.10
9525 Lucky So N' So, Pincay	117	6	3	3H	43H	3H	31H	3.00
9476 Barber's Choice, F. Valenzuela	x 113	3	4	1H	1H	4H	42H	4.50
9378 Exceller's Special, Sibille	118	7	8	7H	52	52	52	2.50
5332 Basic Exchange, Olguin	x 112	2	7	8	7H	63	64H	8.30
5221 Tres Suave, McCarron	118	8	1	5H	81	73	75H	7.10
9376 Merasid, Toro	118	1	6	61H	8	8	8	51.10

Scratched—None.

4—HOT OPERATOR	17.20	8.40	3.80
5—CHEYENNE TROPIC	8.80	8.20	
6—LUCKY SON'SO	3.40		

Time—21-4/5, 44-1/5, 1:08-3/5, 1:15-1/5. Clear & fast. Winner—b.c.85 Well Decorated—Nice And Warm. Trained by Richard Mattee. Mutuel pool—\$327,099. \$5 Exacte pool—\$369,943.

\$5 EXACTA (4-5) PAID \$407.50



Bruce Jorgenson

On Maidens

Enclosed are some of the results of a study I just completed that I hope can be of general interest to the Methodology.

The study is on 3 year old maidens running at LGA. I have entered into Dbase 111 Plus the results/factors for every applicable race in 1988 that I have a form for which covers about 120 days of the 140 day season. The following objectives that relate to PBS should prove interesting:

1. Measure the top five PBS numbers as to win contenders.
2. Measure PBS as to which was more accurate i.e. using speed rating only, speed rating plus a true variant, or speed rating plus the form variant.

In all cases I was working with basically clean forms as I do not enter the winner of a race on my form so that it can be used for off-season study. There is, of course, some residual memory that is there when you have attended and have played some of the races.

My first step is very key to these results of the PBS measurement. Before doing the PBS numbers I went through the race and qualified the horses as to whether in my opinion the horse was in form and able to compete in today's race at today's distance. The determination of form is generally one of my better skills and I was always fairly strict as to selection. I then did the PBS figures on ONLY the formful horses! The line used was generally the most current applicable one.....off-track lines, different distance, abnormal splits, bigger class, excuse lines, etc. were passed until I felt the line was useable. Non-formful horses were not PBS scored!

There were 194 three-year old maiden races on the cards I had and PBS figures were obtainable by me on 176 of these. The 18 nonobtainable races were sprint/route mixes and races where I felt no horses were in form. The contender results were:

Top five 155/176 for 88%
Top four 147/176 for 84%
Top three 137/176 for 78%
Top two 108/176 for 61%
Top one 77/176 for 44%

16 of these 176 races were won by a first-timer which means PBS numbers had no chance to select the winner. If you take out these 16 races the contender results change to the following:

Top five 155/160 for 97%
Top four 147/160 for 92%
Top three 137/160 for 86%
Top two 108/160 for 68%
Top one 77/160 for 48%

The comparison of PBS number accuracy as to using speed rating only, true variant plus speed rating, and racing form variant plus speed rating was very enlightning. For about two months last year I did a variant on LGA using the Par Generator and then compared my results with those from a local service and found that the service was adequate as it was always within one point of mine. This service was used to provide the true variant above.

In each race the formful horses were scored on all three PBS methods and then ranked as to their relative position. The winning horse's position in each method was entered into the data base and then each method was totaled which would mean that the lower the total, the more accurate the method. The totals were:

Speed rating only	345
True variant plus speed rating	361
Racing form variant plus speed rating	365

Using "racing form variant plus speed rating" as the baseline, the following gives a comparative percentage of which PBS method is most accurate based on the number of races in this data base:

Speed rating only	$(365 - 345)/365 = 5\%$
True variant plus speed rating	$(365 - 361)/365 = 1\%$

Not only is "speed rating only" slightly better, but it is easier.

GINNY BUTLER

On Track at OFF TRACKS



Continuous rain. Mud so deep the veteran jockeys refused to ride. They went with apprentices exclusively. That was Yakima Meadows on March 19, 1989. All the races had been re-carded for 5 furlongs because the mud was so deep on the turn. I had just read a little aphorism on the editorial page of my local newspaper. It said: "Playing safe never made a fortune." So, despite the weather and the warnings from my horsy friends, I went to the track.

I bet three races at Yakima Meadows and the feature race at Santa Anita, which is simulcast. Being able to wager on Southern California feature races is a big plus for Washington state handicappers. Selecting SCRAPPY in the 3rd race was no feat. Combining him with COCOA for an \$85.50 Exacta was satisfying.

The San Felipe Handicap, the feature race at Santa Anita that day was a piece of cake. The horse paid only \$7.80. When you've learned your trade at Yakima, almost ALL southern California races seem easier to win. My big thrill of victory came in the fourth race at Yakima. I use the ENERGY! Program. I was one of its first testers. It took me a while to condition myself to its new concept; to break away from the limitations of pure velocity. But the re-learning process is paying off. The \$105 win mutuel paid by TUFF WAY is good evidence. The horse combined with TURN TWO ROCK for a \$940.80 Exacta. Our Exactas are like our horses: CHEAP-base cost \$3.

Enclosed is my W-2 form along with the Race, my readouts and the results. ENERGY! is the most exciting program imaginable. (Editor's note: Don't feel ENERGY! is the only way to get this horse. Run Ginny's pace lines through Synergism II and you'll get this exacta also. As always, the program is not as important as the person using it.)

PAYER'S name, address, ZIP code, and Federal identification number		CORRECTED (if checked)		OMB No. 1545-0238	
YAKIMA ASSOCIATES, INC. P.O. BOX 215 YAKIMA WA 98907 91-1382546		1 Gross winnings: 940	2 Federal income tax withheld: 0	1989 Statement for Recipients of Certain Gambling Winnings This information is being furnished to the Internal Revenue Service. Copy B Report this income on your Federal tax return. If this form shows tax was withheld, attach this copy to your return.	
		3 Type of wager: Ext.	4 Date won: 3-19-89		
		5 Transaction: 300	6 Race: 4th		
		7 Winnings from identical wagers	8 Cashier: CR		
WINNER'S name, address, and ZIP code Virginia Butler 104 Ahtanum Rd Yakima WA 98903		9 Winner's taxpayer identification no.: 507-40-22818	10 Window: 404		
		11 First I.D.	12 Second I.D.		
		13 State/Payer's state identification no.: BUTLEVK671CE	14 State income tax withheld		
Under penalties of perjury I declare that, to the best of my knowledge and belief, the name, address, and taxpayer identification number that I have furnished correctly identify me as the recipient of this payment and any payments from identical wagers, and that no other person is entitled to any part of these payments.					
Signature: Virginia K Butler Form W-2G		Date: 3-19-89 Department of the Treasury - Internal Revenue Service			

5 1/2 FURLONGS. (103) CLAIMING. Purse \$1,900. 3-year-olds and upward, non-winners of a race in 1983. Weights, 3-year-olds 17 lbs.; older 122 lbs. Claiming price \$2,500.

Cute Chips

CAMARGO T

Own—Buxbaum E

3Mar83-4YM 5f:223 :46 1:07 sl - 14 122

20Feb83-4YM 5f:23 :47 1:05 1m 29 122

25Nov83-8YM 6f:23 :48 1:14 4sl 24 122

12Nov83-6YM 6f:234 :49 1:16 4sl 13 119

4Nov83-3YM 6f:231 :46 1:12 1gd 24 120

20Oct83-3Pla 6f:232 :47 1:16 1ft 4 117

24Sep83-2Pla 6f:222 :46 1:11 3ft 39 117

28Aug83-5Pla 170:48 1:13 1:42 4ft 28 116

Feb 11YM 3ft :39 8

Dk. b. or br. g. 4, by Chip's Ahoy—This Is Fun, by Sunstruck

Br.—Scott C D (Wash)

Tr.—Buxbaum Arlene

Lifetime 19 2 0 2 \$2,986

1989 2 0 0 0 \$171

1988 14 1 0 0 \$1,318

2500 72-26 Scrappy,RunOfPress,NationalFame 8

5000 71-26 Kelp,Flight Following,Franbo 7

5000 65-31 JuddCreek,Joan'sSpirit,FleetFortun 9

4000 52-40 GoldCyclon,Jo'sChoc,TrnTwoRock 10

5000 70-21 BoldWrck,CrftyClppr,PyrhVictory 7

3200 — Cute Chips, Moonie, Mr. T.Dancer 9

4000 88-12 PrinceRoSol,Fidasary,Tble'sKnight 9

5000 73-17 Mrk'sM.D.,TotemsOrphan,HnngnPs 6

Se Fue

WALES D

Own—Lawrence J

31Mar83-7YM 5f:232 :47 1:06 1gd 3 122

18Feb83-5Lga 6f:214 :45 1:10 3gd 22 116

27Apr83-3Lga 6f:221 :45 1:12 ft 11 122

2Apr83-7Lga 6f:22 :45 1:12 sy 18 117

18Mar83-3GG 6f:22 :44 1:09 3ft 34 115

3Mar83-1GG 6f:214 :45 1:12 ft 18 115

24Feb83-1SA 6f:214 :45 1:17 4ft 56 110

24Feb83—Wide into stretch

12Feb83-3SA 17:46 1:12 1:46 2ft 70 115

Mar 4YM 4ft :50 8

Jan 27YM 3ft :37 8

Dk. b. or br. g. 5, by Dimaggio—Went, by Getaway II

Br.—Valpredo J (Cal)

Tr.—McMeans Bill

Lifetime 28 3 0 0 \$19,003

1989 11 0 0 0 \$173

1987 17 3 0 0 \$18,830

4000 71-23 DutchHarbor,P.Egle,J.R.Brother 6

4000 69-20 BrvSpook,KngAusgs,Mr.AttWong 12

4000 72-25 BrickyrdRd,Doc'sChoc,FryRomn 12

8000 66-20 Chr1B,FlngCmmdr,BckngnmBrss 12

7000 84-13 TouchTim,BrcansChrg,FlthorpMnrr 9

6250 74-26 LguHittr,ClpprSkippr,Bkr'sBouty 9

10000 71-24 ShowerDcr,CivrCoin,PssArothrTo 10

10000 33-24 CptnPickrng,GnunJohn,Brul'sAnt 12

Turn Two Rock

LIAN T

Own—Gibson W F

10Mar83-6YM 5f:231 :47 1:07 4sy 14 117

4Mar83-5YM 5f:224 :45 1:04 1gd 4 120

18Feb83-8YM 5f:23 :46 1:06 1gd 8 122

12Feb83-2YM 5f:223 :45 1:09 4ft 12 120

28Jan83-5YM 5f:223 :45 1:09 4ft 6 122

16Dec83-9YM 1 :45 1:11 3:38 9ft 18 122

10Dec83-8YM 6f:222 :45 1:11 ft 9-5 116

2Dec83-7YM 6f:221 :45 1:10 3ft 2 119

Mar 1YM 3ft :39 8

Feb 7YM 3ft :37 8

Jan 25YM 3ft :36 8

Dk. b. or br. g. 4, by Double Letter—Chic n Bones, by Strong Ruler

Br.—Gibson W F (Wash)

Tr.—Ward Dennis

Lifetime 17 3 2 4 \$4,083

1989 5 0 1 0 \$582

1988 12 3 1 4 \$3,501

2500 70-36 StrOrbitr,TurnTwoRock,PtntHustlr 8

2500 80-18 ElCabo,StarOrbitr,PtntHustler 10

4000 77-29 FoolishCptn,TreKronor,SpdyChip's 6

2500 80-19 Mrtspolcy,GoodyrFrRss,NlvBrbrn 10

4000 81-14 Sir Tiger T., Best Catch, Max'sStar 8

8000 69-16 SIFDrumton,Mr.Woodfry,BtThLght 8

5000 87-17 TurnTwoRock,Jn'sPoky,GlorosFtr 10

4000 81-21 BrutusBld,JuddCrk,Rodric'sExpress 8

Wee Bar None

NO RIDER

Own—Besel J

24Feb83-4YM 5f:223 :47 1:08 1sy 3 122

17Feb83-10YM 5f:23 :47 1:07 gd 4 122

25Nov83-10YM 6f:231 :46 1:13 2sl 6 119

30Oct83-2YM 1 :47 1:12 1:38 ft 4 122

22Oct83-11YM 6f:223 :45 1:10 2ft 1 122

9Oct83-11YM 6f:223 :45 1:11 ft 2 116

17Sep83-8YM 1 :46 1:11 1:39 ft 9-5 112

3Sep83-6YM 1 :49 1:12 1:37 4ft 2 114

Feb 12YM 4ft :51 8

Jan 30YM 4ft :50 8

Jan 25YM 3ft :36 8

Ch. g. 9, by Noholme Way—Wee Sheri, by Vitality

Br.—Roberts Mr.—Mrs G C (Wash)

Tr.—Mayer James

Lifetime 88 17 16 21 \$19,908

1989 2 0 0 1 \$320

1988 16 5 4 3 \$3,491

2500 70-30 OldHarp,PtntHustler,WeeBrNone 7

2500 76-25 MyCupRunnth,Hrvdrir,FilFortun 10

2500 64-31 GrtSpirit,Edwin'sDlght,CocoCntvo 10

2500 81-11 FillMyCup,NachesJake,RoadShow 10

2500 84-11 MeritsPolicy,WeeBrNone,Gjo'sDrm 9

2500 86-13 WeeBrNone,BldReject,WinHolme 10

3200 81-19 BreezingBndit,WeeBrNone,HlfGrnd 7

2500 82-12 Bric'sRock,LeviBuster,ChifOfChifs 7

Courageous Kaci

NO RIDER

Own—Cartmell Peggy

1Mar83-7YM 5f:222 :45 1:03 3ft 6-5 122

12Feb83-7GG 6f:213 :44 1:10 ft 119 117

1Jan83-26M 6f:22 :45 1:11 1gd 6 117

5Dec83-38M 6f:221 :45 1:11 sy 11 116

22Nov83-48M 6f:223 :46 1:11 1gd 17 114

4Oct83-1Lga 6f:22 :45 1:10 ft 12 120

30Sep83-5Lga 6f:22 :45 1:10 3ft 18 120

16Sep83-5Lga 6f:214 :44 1:09 2ft 27 120

Feb 25YM 4ft :54 8

Ch. g. 5, by Captain Courageous—Kaci Ellen, by Elocutionist

Br.—Agnew D J (Wash)

Tr.—Cartmell Jay

Lifetime 16 3 0 0 \$6,582

1988 3 1 0 0 \$712

1987 13 2 0 0 \$5,970

5000 97-11 CourgeousKci,DrKnot,Sultn'sPromis 7

7000 81-18 WellDeD,Robigus,Gstelum'sFirst 12

6250 73-26 SnowTrllum,OkIndAvnu,BshopFrst 12

6250 75-22 ImprrsvRsn,OkIndAvn,TrvldInSrch 12

7000 76-21 SnowTrllm,H'sJstnTm,IAmAJsttr 11

8000 77-14 Gusto Mucho, RajaBill,PerfectFool 9

8000 78-23 NightWrttr,CountryPrnc,TurnnDo 12

8000 81-18 GustoMucho,FreewayJm,PpyLuv 12

Playing safe never made a fortune

Tuff Way

NO RIDER

Own.—Mobley R & Dixie

10Mar88-5YM Sff :231 :472 1:074sy 37 122 53 56 67 720 2
4Mar88-5YM Sff :222 :452 1:044gd 22 117 75 76 47 910 2
27Jan88-6PM 6f :223 :472 1:14 ft 8 123 64 74 109 119
15Jan88-2PM 6f :222 :47 1:14 sy 27 122 21 31 21 34 3
24Oct88-10Pla 1 :471 1:13 1:394ft 4 122 21 62 101 1020 2
10Jun88-2Pla 6f :221 :452 1:113ft 5 122 1010108 84 73 2
27May88-2Pla a6f :231 :463 1:152ft 2 122 31 42 33 46 2
19May88-10Pla a6f :243 :481 1:172ft 3 122 33 33 22 21
Mar 1YM 4gd :52 B

122

B. g. 6, by Noholme Way—J M's Tuffy, by Philately

Br.—Maggard H E (Wash)

Tr.—Smith Theresa

1989 4 0 0 1 \$200
1988 13 0 2 1 \$2,279

Lifetime 45 4 8 6 \$3,796

Doll K 1 2500 55-36 StrOrbitr,TurnTwoRock,PtintHustlr 8
Doll K 1 2500 80-18 ElCablo,StarOrbiter,PtintHustler 10
Corrales J 4 2500 68-25 ElGotNoCche,Nrc'sAngl,BluNBizzr 12
Corrales J 8 2500 72-32 Satus Sheik, Bold Lindy, TuffWay 12
Higuera A R 5 2500 57-17 Ned Kelly,SmartMikey,ShyDelWay 10
Ward V M 2 2500 86-13 DringBrnt,Torondo'sWdg,DsrstSlvr 10
Ward V M 4 2500 — Total Authority, High Rail,Eagleran 6
Ward V M 3 2500 — Cowboy'sLowsong,TffWy,Mrg'sFlg 10

Win. Holme

STOCKE M D

Own.—Baze E

4Mar88-5YM Sff :222 :452 1:044gd 17 116 22 35 89 79 1
24Feb88-7YM 6f :231 :473 1:152sy 21 122 11 1hd 21 52 1
17Feb88-5YM Sff :224 :463 1:061gd 12 122 64 76 710 69 2
23Oct88-1YM 6f :222 :45 1:101ft 9-5e 122 2hd 21 57 610
16Oct88-2YM 6f :223 :453 1:113ft 4 122 31 33 86 87 1
9Oct88-11YM 6f :223 :452 1:111ft 7 122 21 21 2 3 1
20Oct88-8SuD 6f :222 :451 1:214ft 2 120 21 33 44 51 1
18Sep88-10YM 6f :222 :451 1:10 ft 7 122 15 16 31 45 1
Feb 12 YM 4ft :521 B Feb 7YM 3ft :372 B Jan 23 YM 3ft :361 B Jan 23 YM 3ft :363 B

122

Ch. g. 8, by Noholme Way—Windy Heaven, by Windy Sands

Br.—Furukawa J (Wash)

Tr.—Baze Eldon

1989 3 0 0 0 \$48
1988 20 2 6 T \$2,278

Lifetime 96 13 16 14 \$16,325

Stocke M D 2 2500 82-18 ElCablo,StarOrbiter,PtintHustler 10
Stocke M D 7 2500 63-30 DownRnge,JysDymite,EdsChrmer 8
Hollingsworth R 4 3200 74-25 BrutusBlade,SirSuperStar,Max'sStr 7
Mitchell G V 3 3200 81-09 GrtsAndSplT,TouchOfJndy,Bob'sDr 7
Freeman W 6 2500 77-14 Best Catch, Insearchof, Bess Fox 10
Freeman W 7 2500 85-13 WeeBrNone,BldRejeet,WinHolme 10
Freeman W 1 3200 93 — Time'nTime,Bcky'sMx,ErniAndWilli 6
Beck A 7 4000 86-15 TouchOfJndy,JulioNMe,ChnrlFevr 8

Divine Family

HANNA M

Own.—Sayder or Samuels

12Mar88-1YM 6f :222 :464 1:152m 3 116 21 2hd 32 56 1
4Oct88-2PM 6f :224 :462 1:12 ft 2 122 1 1 21 22
11Nov88-11PM 1 1/2 :483 1:16 1:514sy 12 122 3nk 911 —
11Nov88—Eased
30Oct88-12PM 1 :471 1:13 1:402ft 5 122 13 13 12 11
7Oct88-7Pla 6f :222 :454 1:113ft 5 119 2hd 12 22 41 1 1
25Sep88-3Pla 6f :22 :452 1:114ft *8-5 120 12 12 1hd 43
5Sep88-5Pla 6f :22 :453 1:123ft *1 120 1 1 12 1hd 41
28Aug88-2Pla 6f :22 :452 1:112ft *3-2 120 1 1 1 1 3 2
Feb 22 Dec tr 4sy :532 B Jan 19 Dec tr 3m :372 B

122

Dk. h. or br. g. 5, by Divine Royalty—Wabashful, by Gray Dancer

Br.—Martin Mr—Mrs R Jr (Wash)

Tr.—Samuels Bruce

1989 1 0 0 0 \$48
1988 15 3 2 1 \$4,868

Lifetime 21 3 3 1 \$6,001

Cooper B 7 2500 58-31 CocoCentvo,Dwerk,MyCupRunneth 7
Knapp K R 2 2500 85-19 BayBecky,DivineFamily,La-kVader 12
Knapp K R 6 3200 — HighLnr,Mm'sDimonds,TwcAsGllnt 9
Knapp K R 10 2500 79-22 DivineFmily,SmpsonEntrpris,Krik 10
Taketa J 8 5000 78-24 SoverantGold,OurNormnE.,MGumb 9
Garcia J L 5 4000 86-12 AndAWillie,DesertLighting,TrooprD 6
Garcia J L 2 3200 84-21 PatTheBrt,BrinJulin,CountryKisser 9
Garcia J L 1 4000 90-17 ArlaGeorge,Timberline,DivineFamily 8



FOURTH—Purse \$1,900, 3YO & Up, Claiming \$2,800, 8 Furlongs.

2.Tuff Way (V. Ward)X.105.80 28.00 7.00

8.Turn Two Rock (T. Llan)X.8.20 3.20

4.Divine Family (M. Hanna)2.80

Also ran: Win Holme, Wee Bar None, Cute Chips, Se Fue, Courageous Kael. Owner: Ralph & Dixie Mobley. Trainer: Theresa Smith. T—1:00.3. \$3 Exacta (2-8) \$940.80. X

RACE # 4

ENERGY

NAME MED LATE FX TOTAL
 TUFF 69.87 30.13 66.67 160.77
 WIN 70.18 29.82 65.79 158.15
 DIVIN 71.42 28.58 65.71 158.22
 ROCK 69.34 30.66 65.94 159.07
 WEE 70.04 29.96 66.12 158.61

Race 4
 muddy

ENERGIZER TUFF
 RACE VARIEGATE SUSTAINED

PARAGON A TUFF
 PARAGON B TUFF

MATCH	1ST	2ND	3RD	2CALL
PAGE	36.80	33.98	30.50	35.32

TUFF	36.60	33.38	30.18	34.84
DIVINE	36.80	33.98	28.33	35.32
WEE	35.89	33.63	29.74	34.42
WIN	35.64	33.89	29.54	34.74
ROCK	35.09	33.87	30.50	34.11

RANK	e	p	HE	s	FX	LE	Muv	
TUFF	1	1	2	2	1	4	0.00	W
DIVINE	2	4	4	4	4	4	0.55	S
WEE	4	3	4	3	2	2	2.85	
WIN	3	2	3	4	4	2	2.93	
ROCK	4	4	1	1	3	1	4.42	P

Muv	Emuv	Smuv	uXr	Muv
TUFF	0.109	0.209	0.318	0.000
DIVIN	0.000	0.696	0.696	0.546
WEE	0.290	0.532	0.822	2.848
WIN	0.278	0.584	0.862	2.925
ROCK	0.468	0.468	0.936	4.425

HIDDEN ENERGY

TUFF XXXX 63.56XXXXXXXXXXXX W
 DIVINE XXXX 62.30XXXXXXXXXX
 WEE XXXX 63.38XXXXXXXXXX
 WIN XXXX 63.43XXXXXXXXXXXX
 ROCK XXXX 64.37XXXXXXXXXXXX P

ANALYSIS OF A



PROBLEM

RACE

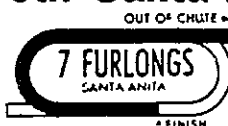
Because many of you are just starting to experiment with the Final Fraction Energy Ratings, I thought that looking at a race that I handicapped using this new tool would be helpful. When I handicapped this race, I had just finished writing the computer program listed in this issue and was eager to try it out. This one race easily repaid me for all the work I did on the program.

As always, contender selection and pace lines choice is far more important than which program you use, or how you set the race up. The key in this race is to get third fraction ratings for several lines on all the horses entered. As I said in the Computer Column last time, I think that having a computer program that can do this for you is very valuable. I know for a fact that I would never have done the 30 or so third fraction ratings that I wound up doing for this race without a computer to do the ugly work.

Don't expect this race to come clear using only the third fraction ratings. This is a Problem Race, after all. What they do is give you a reason to keep the winner in your machine, and also point to the paceline that best reflects what the horse is likely to run today.

Take your time with this race. I can promise you that the payoff will be well worth it. You don't need a model of how the track is running to win this one. In fact, I went completely against my model when I bet this race. See you at the other end.

9th Santa Anita



7 FURLONGS. (120) CLAIMING. Purse \$18,000. 4-year-olds and upward. Weight, 121 lbs. Non-winners of two races since December 25 allowed 3 lbs.; of a race since then, 5 lbs. Claiming price \$20,000; if for \$18,000 allowed 2 lbs. (Races when entered for \$15,000 or less not considered.)

Manhattan King *

CORRAL J R

Own.—Anderson-Glick-Thatt

Mar89-9SA 7f :22 1/2 :45 1:23 4ft

Mar89—Wide 3/8 turn

11Feb89-1SA 1 :47 1/2 :1:32 1:40 4m

20Jan89-9SA 7f :22 1/2 :45 1:22 2ft

6Jan89-2SA 6f :22 :45 1:10 1m

6Jan89—Drifted out, bumped 5/16; 6 wide into stretch

11Dec88-4Hol 6f :22 1/2 :45 1:11 1ft

4Dec88-1Hol 6f :22 :45 1:10 2ft

13Nov88-3Hol 1 :45 1/2 :1:09 1:35 4ft

19Oct88-3SA 1 1/4 :47 1:11 1:43 4ft

10Oct88-8Fpx 6 1/2 f :21 3/4 :45 1:16 4ft

29Aug88-3Dmr 6 1/2 f :22 :45 1:17 ft

29Aug88—Wide final 3/8

Mar 8 SA 3f :35 2 H

Ch. g. 4, by Effervescing—Manhattan Doll, by Wig Out

Br.—Meadowbrook Farms Inc (Fla)

Tr.—Mollica Michael A

Lifetime 26 4 4 2 \$63,762

Corral J R 12 c10000 81-14 Remar, Manhattan King, Darion 12

1989 4 1 1 2 \$12,850

1988 15 2 0 0 \$24,712

Turf 1 0 0 0

Feb 25 SA 4ft :50 3 H

Feb 18 SA 4ft :49 2 H

Jan 16 SA 4ft :48 4 H

Tucky John

Dk. b. or br. g. 4, by Give Me Strength—Round Heels, by Key to the Kingdom

DOMINGUEZ R E

116

Own.—Christian-Garcia-Power Etal

18Feb89-2SA 6 1/2 f :21 3/4 :44 1:17 1ft

25Jan89-5SA 6 1/2 f :21 3/4 :44 1:16 4ft

26Dec88-5SA 1 :46 1/2 :1:11 1:36 3ft

26Dec88—Off poorly; wide

13Nov88-3Hol 1 :45 1/2 :1:09 1:35 4ft

2Nov88-1SA 6f :21 3/4 :45 1:11 ft

2Nov88—Broke in, bumped

10Oct88-8Fpx 6 1/2 f :21 3/4 :45 1:16 4ft

10Oct88—Bumped start wide

8Sep88-2Dmr 6f :22 :45 1:11 ft

5Aug88-4Dmr 7f :22 1/2 :45 1:24 4ft

13Jly88-1Hol 7f :22 1/2 :45 1:24 4ft

Mar 6 SA 5f :1:00 3 H

Feb 27 SA 5f :1:01 4 H

Feb 13 Hol 5f :1:02 3 H

Feb 6 Hol 5f :1:02 2 H

Br.—Jones W L Jr (Ky)

Tr.—Garcia Victor

Lifetime 9 1 1 1 \$15,725

Olguin G L 3 25000 81-19 UnderAndOvr, NoMonyDown, Dspt 12

Dominguez RE 5 32000 78-17 DnceForLee, Trnzor, PrintsChrmng 11

Dominguez RE 3 Aw34000 74-13 Alndvon, VgrsCmmndr, Rsh'nAttck 10

1989 2 0 0 0 \$525

1988 7 1 1 1 \$15,200

B. c. 4, by Brilliant Sandy—Liz Stevens, by Native Royalty

Br.—Stevens M & R (La)

Tr.—Ackel Thad D

Lifetime 14 2 2 3 \$24,780

Sibille R 12 25000 68-19 UnderAndOvr, NoMonyDown, Dspt 12

Borel C H 11 11Aw14000 75-19 J. D. Lyre, Listowin, Taylor Tailor 12

Bourque K 1 11Aw12000 78-22 Jacumlea, Bidahawk, RoyalDummy 10

Howard D L 5 11Aw14500 73-32 MstrStv, AbbottMounth, FullJdgmnt 7

Snyder L 3 11Aw14000 79-22 Jacumlea, MsterSteve, Pirte'sDncr 11

Snyder L 2 11Aw14500 49-20 Brownsboro, MarthonWish, Jcumle 10

Walker B Jr 7 11Aw17500 72-27 Listowin, KnightAtArms, MsterSteve 9

Walker B Jr 4 11Aw13500 72-22 Brt'sStyl, Vncndor'sLd, SgofBstoug 7

Walker B Jr 3 11Aw16500 84-17 RivrSkippr, MstrStv, SigofBstoug 11

Simon C J 7 11Aw10000 78-17 ItchyPnts, WshlCounty, Affectionto 8

1989 1 0 0 0

1988 13 2 2 3 \$24,780

Turf 1 0 0 0

Master Steve

SIBILLE R

114

Own.—Stevens M L

18Feb89-2SA 6 1/2 f :21 3/4 :44 1:17 1ft

23Oct88-11LaD 7f :22 1/2 :46 1:24 4ft

12Oct88-10LaD 7f :22 1/2 :45 1:24 2ft

30Sep88-9LaD 1 1/4 :48 1:14 1:47 4gd

15Sep88-8LaD 6 1/2 f :22 1/2 :45 1:19 ft

19Aug88-10LaD 1 1/4 :48 1:14 1:47 4gd

27Jly88-8LaD 1 1/4 :48 1:14 1:47 4gd

13Jly88-2LaD 6f :22 1/2 :45 1:12 1ft

3Jly88-2LaD 6 1/2 f :22 1/2 :45 1:18 ft

23Apr88-5JnD 6 1/2 f :23 :46 1:19 3ft

Mar 6 Hol 5f :1:02 4 H

Feb 27 Hol 5f :1:00 H

Feb 13 Hol 5f :1:00 4 H

Feb 3 Hol 5f :1:01 2 H

Dk. b. or br. h. 5, by Giboulze—Dame d'Argent, by Warfare

Br.—Gavin Farm (Cal)

Tr.—Stute Warren

Lifetime 16 4 2 2 \$95,000

Delahoussaye E 4 32000 84-14 Pop'sRuling, RdAndBlu, HrdToMiss 10

1989 4 1 0 0 \$13,125

1988 9 2 2 1 \$62,750

Turf 1 0 0 0 \$875

Dance For Lee

DELAHOUSAYE E

118

Own.—Gould & Harney

26Feb89-2SA 6 1/2 f :21 3/4 :44 1:16 1ft

26Feb89—Wide into stretch

12Feb89-9SA 1 :46 1/2 :1:12 1:37 3gd

25Jan89-5SA 6 1/2 f :21 3/4 :44 1:16 4ft

425Jan89—Dead heat

5Jan89-5SA 6f :21 3/4 :44 1:08 4m

5Jan89—Bumped start

29Oct88-2SA 6 1/2 f :21 3/4 :44 1:15 2ft

29Oct88—Bobbled start; very wide into stretch

4Aug88-8Dmr 6 1/2 f :21 3/4 :44 1:15 ft

4Aug88—Wide

28Apr88-8Hol 1 :44 1/2 :1:10 1:36 1ft

9Apr88-7SA 6f :21 1/2 :43 1:08 ft

9Apr88—Checked 3/8

25Mar88-5SA 6 1/2 f :21 3/4 :44 1:16 ft

25Mar88—Wide final 3/8

5Mar88-5SA 6 1/2 f :21 3/4 :44 1:16 ft

Feb 11 SA 3f :37 1 H

Feb 6 SA 1m :1:45 3 H

Feb 1 SA 4ft :47 2 H

Jan 13 SA 4ft :48 1 H

Br.—Gavin Farm (Cal)

Tr.—Stute Warren

Lifetime 16 4 2 2 \$95,000

Delahoussaye E 4 32000 84-14 Pop'sRuling, RdAndBlu, HrdToMiss 10

Delahoussaye E 3 40000 74-16 Amnotherbrother, InstntCsh, HesBer8

Delahoussaye E 1 c32000 86-17 DnceForLee, Trnzor, PrintsChrmng 11

Pedroza M A 4 25000 90-17 EghtyBlowZro, Sprbmomnt, Trnzor 10

McCarron C J 2 32000 90-12 DonnerPrty, MglcLeder, FrereJacques 9

Stevens G L 5 Aw35000 91-16 L. B. Jaklin, Pewter, Just Bobby 6

Delhoussaye E 1 Aw40000 82-18 DnceForLee, PrinceSssfrs, DryRidge 9

Day P 2 Aw38000 90-13 OlympicProspect, DnceForL, LnsMnus 9

Hawley S 4 Aw38000 89-18 Tomocomo, L.B. Jaklin, DnceForLee 10

Stevens G L 6 Aw35000 76-20 RomnticPrnc, MltgBnk, Midnightc 11

Fill Up**VALENZUELA P A****116**

Own.—Punsky R

26Feb89-2SA	6f :213 :442 1:164ft	13 116	63 99 813 912	Valenzuela P A	32000	77-14 Pop's Ruling, Rd And Blu, Hrd To Miss	10
26Feb89	—Steadied 5/8						
17Dec88-8AC	6f :222 :442 1:09 gd	6 114	1hd 1hd 11 13	Mercado F 2	Aw6000	94-16 Fill Up, tRed Hughes, Brave Hawk	7
16Oct88-8AC	1 1/2 :461 1:102 1:44 ft	2 122	53 67 714 721	MrcdF 6 @ A C	Sbsct H	64-17 Forindi, Forio, Zarutli	8
28Sep88-11f px	6f :221 :45 1:093ft	14 122	53 53 89 810 1	Fernandez A L	40000	88-07 JustNeverMind, Pialor, John's Retret	9
28Sep88	—Bumped start						
18Sep88-8AC	1 1/2 :453 1:092 1:39 ft	7 118	21 24 1hd 11 1	MrcdF 2	Indpndcia H	97-15 Fill Up, Forio, Forindi	8
23Aug88-8AC	6f :223 :441 1:093ft	2 114	21 31 32 11	Mercado F 2	Aw6000	91-17 Fill Up, Lo Card, Stan's Bower	7
22Jun88-3Hol	6f :221 :451 1:091ft	4 116	31 33 24 29 1	Meza R Q 2	40000	87-13 Lans Manus, Fill Up, Silver Hero	6
10Jun88-3Hol	6f :22 :45 1:164ft	2 116	1hd 1 11 21 2	Meza R Q 2	32000	92-13 Amanotherbrother, Fill Up, ElCorzo	6
27May88-7Hol	6f :22 :45 1:10 ft	20 112	53 52 42 23 1	Meza R Q 2	28000	88-15 Silverstep, FillUp, ImpressiveResult	7
27May88	—Crowded 3/8; rank, lugged in drive						
15May88-3Hol	6f :214 :444 1:102ft	21 116	44 36 35 25 1	Meza R Q 2	25000	84-15 Bizeboy, Fill Up, Naked Jaybird	8
Mar 7 Fpx	3f :354 H						
Feb 18 Fpx	5f :1:024 H						
Feb 13 Fpx	5f :1:031 H						

Craftmaster**SOLIS A****116**

Own.—Hough & Schoninger

19Feb89-9SA	1 1/2 :472 1:121 1:444ft	6 116	75 117 119 1112 1	Delahoussaye E 11	32000	65-21 Wilmont, Scrapbook, Savor Faire	11
19Feb89	—Lugged out early; wide						
29Jan89-5SA	6f :211 :441 1:10 ft	24 117	109 1112 119 99	Solis A 11	40000	79-16 Pialor, EightyBelowZero, QuipStar	12
21Jan89-5SA	6f :213 :434 1:153ft	12 116	52 77 79 96 1	Delahoussaye E 1	50000	85-12 PrcyMc, DonnPrty, PrsdntsSummt	10
21Jan89	—5-wide into drive						
7Nov88-7SA	6f :214 :45 1:163ft	7 114	41 31 22 13	Solis A 2	45000	87-15 Crftmster, Chrstm's Hlp, HrdToMiss	11
7Nov88	—Bobbled start						
14Oct88-3SA	6f :212 :443 1:10 ft	17 116	67 54 45 42 1	Solis A 2	50000	85-20 PrsdntsSummt, Rssurng, HrdToMiss	10
14Oct88	—Wide into 3/8						
21Sep88-8Bel	6f :222 :452 1:162ft	17 113	32 35 37 58 1	Santos J A 2	Aw27000	84-16 Kunjar, Secret Claim, Split Shot	9
27Jul88-7Bel	7f :23 :46 1:234ft	5 114	1 1hd 44 413 1	Santos J A 2	Aw27000	69-23 Lustra, Kunjar, No Bondage	8
6Mar88-5Crc	6f :222 :463 1:13 ft	7 117	65 56 55 46 1	St Leon G 2	Aw12500	79-15 IntnsvCmmd, Rx's Gnnr, Drcy's Frnd	8
20Feb88-5GP	6f :22 :453 1:123ft	8 122	2nd 1hd 1 12	St Leon G 2	Mdn	76-25 Crftmster, CoxingBill, PrettyCours	12
Feb 27 Hol	4f :47 H						
Feb 16 Hol	5f :1:002 H						
Feb 11 Hol	5f :1:012 H						
Jan 18 Hol	5f :1:01 H						

Infinite Magic**PEDROZA M A****116**

Own.—Belvedere-Fulton-Sanders

20Feb89-3SA	1 1/2 :464 1:112 1:51 ft	12 119	33 31 67 612	Pedroza MA 2	Aw35000	62-19 Crackedbell, Quavo, Mispu	7
20Feb89	—Lugged in						
4Jan89-3SA	1 :454 1:103 1:354m	2 119	1hd 2hd 43 510 1	Stevens G L 2	Aw34000	79-15 Silverstep, Attesa, Rush'n Attack	7
26Dec88-5SA	1 :462 1:11 1:363ft	5 120	41 41 33 52 1	Pedroza MA 2	Aw34000	82-13 Alndvon, VgrsCmmdr, Rsh'n Attack	10
26Dec88	—Bumped start						
20Nov88-7Hol	1 1/2 :462 1:11 1:431ft	26 118	1hd 1hd 21 35 1	Pedroza MA 2	Aw25000	78-12 SplendorCatch, Amtr, InfiniteMgic	10
6Nov88-7SA	1 1/2 :453 1:103 1:43 ft	13 117	64 62 76 712	AsmussenCB7	Aw25000	74-17 TimeForAccuracy, TheDnjo, Alndvon	8
6Nov88	—Bumped hard start						
22Oct88-2SA	1 :453 1:102 1:364ft	4 117	1 1 14 12 1	Pedroza M A 3	Mdn	84-12 Infinite Magic, Foolhearty, Winivor	10
30Sep88-8Fpx	1 1/2 :461 1:12 1:442ft	3 114	31 31 1hd 21 1	Pedroza M A 7	Mdn	88-10 Scientific, Infinite Magic, Foolhearty	10
19Sep88-8Fpx	6f :224 :46 1:102ft	8 114	1011 813 711 45	Olivares F 7	Mdn	89-10 Ridanrock, Gambler's Coup, Wilmont	10
19Sep88	—Broke slowly						
Feb 13 SA	5f :1:004 H						
Feb 7 SA	5f :1:002 H						
Jan 28 SA	5f :1:022 H						
Jan 23 SA	4f :53 H						

Barnhart**BAZE R A****116**

Own.—Riggle Ora S & Virginia L Jr

23Feb89-5SA	7f :221 :452 1:234ft	10 115	85 53 2 2nk	Baze R A 2	14000	81-20 tSplendish, Barnhart, DebonairAidn	12
23Feb89	—Placed first through disqualification; Floated out drive						
4Feb89-1SA	6f :214 :451 1:174sy	5 116	107 86 54 710 1	Baze R A 2	16000	71-30 RunCougrRun, MuiMelody, LsForvr	12
4Feb89	—Broke out, bumped						
21Jan89-1SA	6f :213 :444 1:101ft	14 116	74 53 33 3 1	Baze R A 12	12500	86-12 ShowerDecr, Empror's Turn, Brnhrt	12
31Jan88-5SA	7f :223 :451 1:231ft	59 114	1112 1013 98 99 1	Patton D B 3	62500	74-21 BrghTAndRghT, QpStr, J.R. Johnson	12
10Jan88-5SA	7f :222 :444 1:221ft	25 115	55 75 75 85	Sibille R 3	Aw35000	84-15 ReEnter, Fanticola, Buckland's Halo	10
26Dec87-9SA	1 :454 1:111 1:381ft	6 116	1011 55 55 43	Valenzuela P A 3	Aw34000	74-16 Syrian Wind, LuckyAdvance, BooW	10
6Dec87-7Hol	1 :45 1:101 1:371gd	9 113	74 44 43 21	Patton D B 2	Aw35000	76-17 Fanticola, Barnhart, Shigamba	7
6Dec87	—Steadied late						
18Nov87-6Hol	6f :221 :451 1:103ft	11 115	86 65 42 11	Valenzuela P A 3	35000	89-12 Barnhart, Aranjuez, Naked Jaybird	9
18Nov87	—Poor start						
5Nov87-7SA	6f :214 :444 1:113sy	7 1125	79 68 55 32	Gryder A T 4	32000	78-23 SweetwterSprings, Verbillion, Brnhrt	8
14Oct87-1SA	6f :214 :444 1:102ft	12 116	118 99 76 65 1	Hawley S 3	32000	81-16 Cleverg, HoustonBrgg, GrtNgotitor	11
14Oct87	—Broke slowly, wide into stretch						
Mar 6 Hol	3f :35 H						
Feb 16 Hol	3f :342 H						
Feb 6 Hol	3f :35 H						
Jan 15 Hol	6f :1:134 H						

Jonny Alone*VALENZUELA F H**

Own.—Yellow Ribbon Ranch

		Ch. g. 8, by Blue Vermillion—Star Performance, by Music Teacher		Br.—Aspinall J T (NZ)		1989 1 0 0 0			
		Tr.—Marti Pedro		\$20,000		1988 8 0 0 0			
		Lifetime		58 11 8 4		\$66,180		Turf 56 11 8 4	
25Feb89-2SA	6f:214 :45 1:173ft	41 116	11131173 961 761	Solis A3	20000	75-14 ToB.A.Ruler,Vncelot,TimeToSmok	11		
29Oct88-2SA	6f:213 :442 1:152ft	18 116	771 871 910 912	Black C A4	32000	81-12 DonnerPrty,MagicLeder,FrereJacques	9		
29Oct88—Lugged in backstretch									
27Aug88-5Dmr	1 1/4:4841:1231:423fm	76 116	751 851 914 9191	Castanon A L5	80000	68-13 Havildar, Czar's Charm, Marghile	10		
27Aug88—Steadied early									
31Jly88-8Dmr	1 1/4:47 1:11 1:484fm	161 115	31 431122412313	CstnAL10	E Read H	57-10 DptyGovrnor,SntlIMc,SmpllyMjstc	12		
31Jly88—Grade 1									
30Jan88-8Trentham(NZ)	a1 1:333fm	— 111	17	TaylorP	JrdnMileH(Gr1)	GoldenKing,StrPride,InfiniteSecrt	17		
23Jan88-7Trentham(NZ)	abf 1:072fm	— 110	9	CssidyL	WrghltnH(Gr1)	Courier Bay, Sirstaci, Squire Gray	13		
18Jan88-8Reefion(NZ)	a7f 1:221fm	— 123	7	Bruce R	ShrlyLodgeH	WandaGirl,KoruHeights,Almgelee	11		
11Jan88-9Hokitika(NZ)	abf 1:104fm	— 123	7	Bruce R	Draught H	Ieska,ValleyOfWales,NuclearRocket	9		
2Jan88-9Rangiora(NZ)	abf 1:10 fm	— 126	8	WillmsG	ChristchSup H	SlickMillion,KiwiAlley,FlowingSilvr	8		
29Aug87-6Ashburton(NZ)	a1 1:384sf	— 124	11	Bruce R	StarTimeCttrs H	Kallista, Maestri, Red Sovereign	12		
Mar 6 Hol 5f ft 1:013 H									
Feb 28 Hol 5f ft 1:013 H									
Feb 13 Hol 5f ft :594 H									
Jan 20 Hol 5f ft 1:022 H									

Drouilly Fuisse**OLGUIN G L**

Own.—Borick L L

		Ch. b. or br. g. 4, by Drouilly—Brandy's Reb, by Reb's Policy		Br.—Albert & Fanning (Cal)		1989 1 0 0 0			
		Tr.—Borick Robert		\$20,000		1988 11 1 4 0		\$23,250	
		Lifetime		12 1 4 0		\$23,250			
12Jan89-3SA	1 :453 1:102 1:36 ft	7 1085	31 31 521 671	Corral J R 1	28000	80-12 Co Chet, Rich Tiger, NeverTrailing	10		
12Jan89—Bumped 7/8 turn									
30Dec88-2SA	1 1/4:461 1:103 1:423ft	18 1095	32 1hd 1hd 2nd	Corral J R 1	22500	88-12 FlyingH,DrouillyFuisse,FriskMNot	12		
30Dec88—Broke out, bumped									
18Dec88-5Hol	6f:22 :452 1:18 sy	5 115	43 441 451 571	Meza R Q 1	20000	78-23 NeverDareMe,TemperT,BrveChief	17		
18Dec88—Bumped start									
4Dec88-1Hol	6f:22 :45 1:102ft	11 115	531 531 441 43	Sibille R 1	20000	87-13 PckedWide,KevinsDefens,Rsswring	9		
4Dec88—Bumped break									
2Nov88-1SA	6f:213 :45 1:11 ft	20 116	751 56 26 23	Sorenson D 1	20000	80-19 SrosBid,DrouillyFuisse,TuckyJohn	11		
2Nov88—Wide in stretch									
22Oct88-7SA	6f:211 :442 1:102ft	32 116	12911112111411131	Solis A 1	25000	72-12 MixedPlesure,ElusiveAgnt,Mdcuff	12		
22Oct88—Bumped start, wide final 3/8									
9Sep88-1Dmr	6f:221 :452 1:173ft	71 116	621 311 221 2nd	Pedroza M A 1	16000	84-17 ProprFortun,DrouillyFuss,DIMRk	12		
9Sep88—Bumped start									
26Aug88-2Dmr	6f:22 :453 1:11 ft	8 116	2nd 61 11911112	Pedroza M A 1	16000	71-16 Campnello,AdvncingWys,GelicBid	12		
26Aug88—Bumped, start, wide 3/8 turn									
19Aug88-3Dmr	6f:214 :45 1:094ft	52 115	64 861 781 8141	Meza R Q 2	20000	75-15 Aaron'sDewn,TrickyLd,FrcncPrince	12		
2Mar88-3SA	6f:211 :444 1:104gd	3 118	561 651 33 761	DelahoussayeE 1	32000	78-17 Fbulosly,GbrisContr,M'LordAndrw	10		
2Mar88—Broke slowly									
Mar 6 SA 5f ft 1:001 H									
Mar 1SA 5f ft 1:023 H									
Feb 23 SA 3f ft :37 H									
Feb 18 SA 4f ft :52 H									

Run Cougar Run ***GARCIA H J**

Own.—Fry J A

		B. g. 7, by Cougar II—License to Run, by Pinjara		Br.—Bettsworth J R (Ky)		1989 3 1 1 0		\$10,900	
		Tr.—Wiseheart Larry		\$20,000		1988 17 3 2 1		\$36,325	
		Lifetime		82 11 8 10		\$106,446		Turf 4 1 0 0	
25Feb89-2SA	6f:214 :45 1:173ft	51 1115	1010 961 741 52	Garcia H J 1	20000	80-14 ToB.A.Ruler,Vncelot,TimeToSmok	11		
25Feb89—Wide into stretch									
4Feb89-1SA	6f:214 :451 1:174sy	91 116	12121181 33 15	DelahoussayeE 1	c16000	81-30 RunCougrRun,MuiMelody,LsForvr	12		
18Jan89-1SA	7f:222 :451 1:233ft	*8-5 116	741 65 531 213	Stevens G L 1	c10000	80-17 RrTyson,RunCougrRun,SundncSqr	11		
18Jan89—Broke slowly									
30Nov88-1Hol	6f:22 :451 1:104ft	6 116	881 861 631 43	Stevens G L 1	16000	85-15 ShowrDcr,WildPursuit,EmotoniFlyr	9		
18Nov88-2Hol	6f:223 :46 1:17 ft	*2 118	631 311 311 22	ValenzuelaPA 1	c12500	88-19 Angle Arc,Run CougarRun,BeaHo	12		
3Nov88-3SA	7f:22 :444 1:231ft	81 1105	771 561 23 13	Olguin G L 12	c10000	84-18 RunCougrRn,AndJstc,QckRondtrp	12		
5Oct88-3SA	1 1/4:47 1:113 1:433ft	11 115	79 710 815 8173	Sibille R 1	16000	85-21 PrimeConcord,AnothrCod,VidoKid	8		
5Oct88—Wide; eased late									
20Aug88-9Dmr	1 1/4:461 1:11 1:431ft	9 1095	910 961108110111	Banderas A L 11	18000	73-15 ProperRidr,Convincing,IL'sNvrDull	12		
20Aug88—Fanned wide into 7/8									
14Aug88-1Dmr	6f:222 :451 1:17 ft	6 116	731 761 651 521	DelahoussayeE 1	20000	85-13 Gerrii, Race Book, Bea Ho	8		
17Jly88-1Hol	1 1/4:463 1:104 1:502ft	31 118	891 710 68 67	DelahoussayeE 1	c16000	78-13 ChiliHill,ProvingSprk,WestL'Oust	10		
17Jly88—Wide									
Mar 6 SA 5f ft 1:02 H									
Feb 18 SA 5f ft 1:154 H									
Feb 12 SA 5f m 1:024 H									
Jan 31 Hol 3f ft :373 H									

King Clyde ***PINCAJ L JR**

Own.—Glickman M

		Ch. b. or br. h. 5, by Pocketful in Vail—Chip 'n Wiggle, by First Balcony		Br.—Malises & Goodyear Jr (Cal)		1989 4 2 1 0		\$18,000	
		Tr.—Shulman Sanford		\$20,000		1988 22 2 2 2		\$25,180	
		Lifetime		45 5 4 3		\$62,175		Turf 1 0 0 0	
2Mar89-3SA	6f:213 :444 1:104sy	*3-2 116	961 751 42 1hd	DelhoussyeE 3	c16000	84-18 KingClyde,CoursingEgle,LsForvr	10		
2Mar89—Wide into drive									
24Feb89-1SA	6f:214 :444 1:102ft	71 118	741 521 331 2nd	Solis A3	c12500	86-16 RidrMrcus,KngClyd,SwtwtrSprngs	12		
24Feb89—Lugged in backstretch									
8Feb89-1SA	6f:212 :443 1:111sy	31 118	881 541 42 1hd	Solis A1	12500	82-23 KngClyd,SwtwtrSprngs,TddyNtrly	8		
28Jan89-2SA	6f:212 :441 1:093ft	42 1115	981 67 65 871	Olguin G L 5	20000	83-14 NoMonyDwn,GfrBrdwy,NkdJybrd	12		
28Jan89—Bumped start									
30Dec88-1SA	6f:212 :441 1:161ft	5 116	871 741 321 321	McCarron C J2	c16000	86-10 Pppy'sConsul,MuiMiody,KingClyd	12		
24Dec88-1Hol	7f:22 :453 1:243m	31 116	771 55 131 13	Black C A6	c12500	81-23 King Clyde, Slam Dance, Nordicus	9		
15Dec88-3Hol	6f:22 :441 1:093ft	15 116	981 67 56 361	Black C A5	16000	88-18 Romxe,EightyBelowZero,KingClyde	9		
15Dec88—Lugged in									
24Nov88-5Hol	6f:221 :452 1:171gd	20 116	42 32 2nd 22	Black C A6	12500	87-16 Tranzor, KingClyde,Barber'sChoice	9		
20Nov88-4Hol	6f:22 :443 1:094ft	46 116	851 751 661 671	Furlong K3	20000	85-12 Pialor, His Legacy, Noble Nathan	9		
20Nov88—Lugged in									
7Nov88-1SA	6f:212 :442 1:10 ft	25 118	651 66 461 24	Furlong K12	12500	84-15 EghtyBIZr,KngClyd,Gypsy'sPrphc	12		
Feb 17 SA 4f ft :49 B									

Kinda tough, huh? I call this kind of race a shovel race. I can't separate the contenders, so I load them into the computer with a shovel. I used 7 contenders in my computer, something I almost never do. Please don't start thinking that this is the way to handicap. Each race is different, and this is a very special case. I use 7 horses about once a month. Most of the time, I would pass a race like this one. Let's look at the horses. I am going to emphasize the third fraction ratings, but they are not the only tools I used when I handicapped this race. Don't get tunnel vision.

Manhattan King - Taking a big step up in class, which is reflected in his mediocre class and APV ratings. Yet his last was a very nice race, with a FFER of 86. His third back, skipping the route, had a 91 rating. Any rating of over 90 must be respected. I used his last line.

Tucky John - As close to an Early horse as we have in this race, but his FFER of only 82 says he needs to open up at least 5 or 6 lengths on the field to have any chance. I just don't think he can do it. Out.

Master Steve - Ugly last race. Out.

Dance For Lee - Highest Class/APV ratings in the race makes him a definite contender, even before you look at his FFER ratings of 89 and 91 in his last two sprints. Definite contender, but I can't see much reason to go back for a pace line. He is a Sustained or Sustained/Presser type runner, and going wide is doubtless nothing new for him. I used the last race.

Fill Up - A slow horse with a bad FFER rating. He does have the second best Class rating in the race, and has flashed occasional early speed, but that's not enough to save him. Out.

Craftmaster - Good class, but those last three races are hard to like. However, before we toss him, let's take a second look and run FFER numbers on him. His last looks dreadful, but it's a route, and he earned a decent rating of 85. The two sprints before that were against very quick times, but in each he kept on coming and earned ratings of 84 and 87 while being badly beaten. I decided to use his 4th race back as my paceline, as he isn't going to be facing a 44.1 or 43.4 today.

Infinite Magic - Good Class/APV numbers, I'll just hop back one and take the internal fractions off that fast route. Whoa, Bubba. Let's not get carried away here. We were forgiving with Craftmaster because of good FFER ratings. Craft ran an 85 after being pushed wide in the first turn and chasing a very good horse. Infinite ran a 73 in a dull effort, a 12 length difference. Craft is a good sprinter, coming off a poor route effort and two very good, but bad looking, sprints. Point to where Infinite ever sprinted effectively. Internal fractions are all well and good, but this horse isn't a sprinter. I did not use him as a contender.

Barnhart - You bet. Last line.

Jonny Alone - Getting better with each race. At this rate, he should win about the turn of the century. Out.

Drouilly Fuisse - OK Class/APV numbers. His last two routes both show very good FFER ratings of 86 and 89, so we know the horse should have no problem finishing the race. The question is: can he get started??? I chose to forgive the last two and use the third back originally. I later decided I made an error, and should have not used a sloppy track when a more accurate line is just one more back. The Dec. 4 line is the one I would recommend you use, though it still doesn't make the horse a world beater. (This is the line I used in this printout)

Run Cougar Run - Lots of late kick in this race. FFER numbers of 87, 90 and 86 make this horse a definite contender. I used the last line, as I felt it was much more typical of the horse than going back one.

King Clyde - A little low in the Class/APV numbers, but I chose to accept him. The last was a very good race in the slop, so I went one back and rating him off his Feb. 24 effort.

A tight race, and a race that is all too easy to lose right here, when you interpret your readouts. Santa Anita 7 furlong races tend to run Sustained. My model showed they were running Sustained. Yet if I bet the top two Sustained horses, I lose. So how do I know to adjust my thinking? Do an ESP rating on all the horses in this race and try to find even one true Early horse. Can't be done.

Now, try to find a horse with a big third fraction advantage. Again, there is none. All are within 3 or 4 of Dance For Lee, who has the best number from his last race of 89. This race shapes up to be what Tom Hambleton calls a "Parade" race. The winner will be whoever gets the lead, because no one has the late pace advantage to overhaul anyone else. Therefore, I bet my top two Early horses. The fact that they were also my top two Factor W horses makes me much more comfortable, as I can see they have enough left in the tank to finish the race.

The lesson from this race is that we must not get carried away with any one of our tools, but use them all. Craftmaster has an enormous advantage in the first fraction. He was able to tuck in behind Fill Up, who we did not make a contender, and coast home when Fill Up died, as his poor FFER numbers said he would. I wish I could get better numbers on Drouilly Fuisse, but I wouldn't have won the exacta even if I had, as I didn't bet it. See you at the races.

9522—NINTH RACE. 7 furlongs. 4 year olds & up. Claiming prices \$20,000-\$18,000. Purse \$18,000.

9387 Craftmaster, Sols	116	6	1	22	21	-	1 st	1 st	9.70
9126 Drouilly Fuisse, Oguin	x111	10	4	41	31	-	31	21	14.20
9410 Barnhart, Baze	116	8	3	3 rd	41	-	43	32	14.90
9434 Dance For Lee, Delahoussaye	118	4	12	11 th	8 th	-	61 th	41 th	2.40
9434 Fill Up, P.Valenzuela	116	5	2	1 st	1 st	-	2 nd	5 th	7.90
9455 King Clyde, Pincay	117	12	6	7 th	5 th	-	5 th	61 th	4.70
9371 Tucky John, Dominguez	116	2	8	9 th	11 th	-	10 th	7 th	7.20
9425 Run Cougar Run, Garcia	x111	11	9	10 th	7 th	-	9 th	9 th	9.60
9390 Infinite Magic, Padroza	116	7	5	5 th	9 th	-	9 th	9 th	9.30
9450 Manhattan King, Corral	x109	1	11	6 th	10 th	-	7 th	10 th	21.40
9425 Jonny Alone, F.Valenzuela	x111	9	7	8 th	6 th	-	11 th	11 th	56.80
9371 Master Steve, Sibille	116	3	10	12	12	-	12	12	69.60

Scratched—Super Hold, Raider Marcus.

Claimed—Dance For Lee by Gray & Green (trainer Gerald M Sinne), for \$20,000.

6—CRAFTMASTER	21.40	12.60	11.40
10—DROUILLY FUISSE	16.00	11.20	
8—BARNHART			9.60

Time—22 3/5, 45 3/5, 1.10, 1.22 4/5. Cloudy & fast. Winner—ch g 85 Miswaki—Spy Craft, Trained by Stanley Hough. Mutuel pool—\$434,740. Exacta pool—\$744,806.

\$5 EXACTA (6-10) PAID \$860.50
\$3 EXACTA BOX (6-10) PAID \$516.30

SYNERGISM II

RACE: 03119s DIST: - 7.0 FURLONGS COMMENTS:

SETUP 45.1 123

JAME	F W	E P	S P	T T	F X	W X
MANHAT	55.59	57.20	54.78	56.23	54.28	54.94
DANCE	54.91	56.58	54.07	55.54	53.60	54.25
CRAFT	55.70	57.67	54.72	55.86	55.48	55.59
BARN	55.61	57.27	54.78	56.07	54.70	55.16
DROUIL	55.29	57.14	54.36	55.65	54.59	54.94
RUN	55.24	56.98	54.37	55.95	53.74	54.49
KING	55.70	57.70	54.70	56.21	54.67	55.18

Place	F 1	F 2	F 3	S C		SC B/L	Class	APV
	59.21	58.19	52.36	57.70				
CRAFT	59.21	56.23	51.76	57.67	KING	0.00		
KING	57.64	57.75	51.69	57.70	CRAFT	0.07		
DROUIL	57.61	56.70	51.57	57.14	BARN	1.14		
BARN	57.10	57.43	52.30	57.27	MANHAT	1.32		
MANHAT	56.20	58.19	52.36	57.20	DROUIL	1.48		
RUN	55.73	58.17	51.76	56.98	RUN	1.90		
DANCE	55.64	57.47	51.56	56.58	DANCE	2.98		

RANKINGS

=====

	F W	E P	S P	T T	F X	W X	L P	D R	MED E
	===	===	===	===	===	===	===	===	=====
KING	1	1	2	1	2	2	5	2	69.06
CRAFT	1	1	2	4	1	1	4	2	69.04
BARN	2	2	1	2	2	2	1	1	68.65
MANHAT	2	3	1	1	4	3	2	1	68.60
RUN	3	5	3	3	5	4	2	3	68.76
DROUIL	3	4	3	5	3	3	6	4	68.91
DANCE	4	6	4	6	6	5	3	5	68.69

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