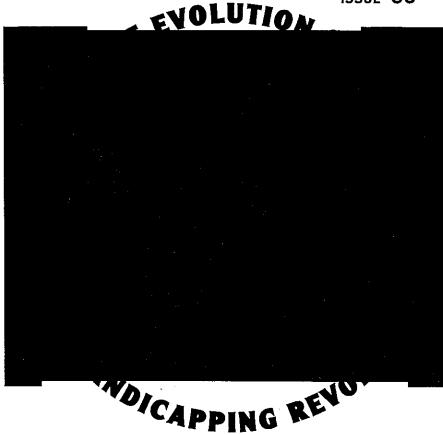
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JOURNAL OF THE SARTIN METHODOLOGY

# The FOLLOW UP

with Howard G. Sartin, Ph.D.

ISSUE 38



## AINSLIE, BEYER & EXPO '93

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#### The FOLLOW UP

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Please address all correspondence to this address. This includes submission of material for publication consideration, letters to the editor, opinions, comments - whatever.

Thank you, Spencer Toner Managing Editor



#### STATEMENT OF POLICY :

The Sartin Methodology is based in Psychotherapy and its goals are NOT directed toward fostering the illusions or delusions of gamblers seeking magic solutions for picking winners. We are primarily a healing arts organization dedicated to providing an alternative solution to mainstream psychiatry's prescription of total abstinence for non-winning handicappers. Our slogan is - and always has been -

"THE CURE FOR LOSING IS WINNING"



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lawyers; although, had Scott written his article about a legal convene, he might have deserved some sympathy, but that's just a personal aside.

Medical and Psychiatric conventions all have a few quacks and hustling detail men peddling their latest panaceas. A few bad apples appear in every barrel. But at all FOUR Expo's the sponsors have worked overtime to weed out the hustlers and phonies who give our field a bad name.

Expo's are the lifelong dream of James Quinn who took bad financial baths on the first two, even though, in their own way, they were more exciting than the last two. He was rescued, financially, by Greg Lawlor who shares Sir James' high standards as to what constitutes an "Expert." Lawlor has single-handedly made Expo '90 and '93 financial successes without sacrificing quality. He has done so at great personal risk because just arranging for an Expo cost \$90,000 OUT OF POCKET!

I may have a heated intellectual and spiritual battle going on with Quinn but that does not involve his basic human integrity. I hurt me deeply to see an irresponsible journalist try to discount Quinn's & Lawlor's dreams come true. Expo's, on the whole, are the greatest boon to aspiring handicappers in the history of our avocation.

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On the positive side of James Quinn's decision to omit me from the PACE SYMPOSIUM was that symposium medereator Andy Beyer mentioned my name FIVE times. I didn't even know that ANDY recognized me from Adam.

To meet TOM AINSLIE and have one's name favorably mentioned FIVE times by ANDY BEYER, should be thrill enough to last ANYONE in our field for a lifetime.

Perhaps Quinn did me a favor after all.

-----

Over 60 of our clients showed up for Expo '93. Since MARK CRAMER'S presentation was billed at the same time as mine and Bradshaw's, I told ALL clients to go to his NOT TO MINE - after all, they can hear ME and "The Hat" ANYTIME.

Since only four or five clients came to OUR session I assume the rest acquiesced to my wishes and went to Mark's. I certainly hope so. CRAMER is the only OTHER iconoclast in our field and deserves to be heard! Nothing he ever has to say

contradicts our basic philosophy.

#### **BACK TO THE FUTURE - 1968**

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Earlier I mentioned that by 1971 TOM AINSLIE had already written most of the material that today's EXPERTS are passing off as the "Latest" Information. I also said that what he had not explicitly written about he had written about he had anticipated. Read just ONE of his books; 126 pages long: THEORY AND PRACTICE OF HANDICAPPING for an example

He discounted the conspiracy theory that many races are fixed. He warned his readers against over dependency upon the influence of Jockey's and/or Trainers. He also stated that YOU had a better chance of winning at the races through sound handicapping rather than relying on Jockey's, Trainers or alleged backstretch "Information."

In a chapter entitled: THE IMPORTANCE OF RUNNING STYLE, he isolated the PACE SETTER, the PACE FORCER and the OFF-PACE RUNNER. While he was referring to the VISUAL ESP as opposed to our ENERGY Percentage ESP, he pioneered one of the most powerful of handicapping tools. He also wrote a chapter headed:

## CAN COMPUTERS BEAT THE RACES?

Bearing in mind this work was copyrighted in 1970, so it was probably written in 1969, his mention of computers AT ALL was quite prophetic because, for most persons the concept of the PERSONAL computer was remote. In 1969 even the IBM was an oversized, clumsy and extremely expensive tool. AINSLIE WROTE:

Any day now, some racegoing graduate of the Massachusetts Institute of Technology, his eyes feverish with initiative, greed and other transcendental values, is going to wangle himself some computer time and make selections superior to any in the history of the sport. It may already be happening. The only problem is logistical. The man-hours required to punch out the thousands of IBM cards necessary to prime a computer for handicapping would be measured in terms of years. After that, a full-time operator would be needed to feed each day's entries and results into the electronic gullet. I know. I have access to a dandy computer and have several nifty ideas about how to use it, but the manpower problem is beyond me.

Consider this. A good handicapper, relying entirely on his disciplined brain, can pick about forty winners in every hundred attempts, if he confines himself to the least difficult races on each day's card. Among his sixty losers will be ten or more he would not have selected if his wits had been in high gear. But a computer's wits are always in high gear. Once the machine has been equipped with a workable program, it adheres to it without deviation. It overlooks nothing. It forgets nothing. It cannot be touted. It harbors no superstitions or neuroses. It gets no hunches. After picking a winner, it never celebrates with a drink at the bar. It is uninterested in girls. Best of all-and many members of the general public do not realize this-the computer can improve and correct its own handicapping method as it goes along.

The only error in his statement was in reference to someone from M.I.T. (Massachusetts Institute of Technology) launching the computer era in handicapping. My experience with persons with doctorates from M.I.T. or Cal Tech is that they have too much IQ. to ever come up with a viable computer application for handicapping. They rely too heavily on pure "Scientific Method, left brained activity, and refuse to understand that successful handicapping is at least as much ART as it is Science. Leonardo Da Vinci might have done it. He was BOTH an Artist and a Scientist.

To illustrate his point about the "future" effectiveness of computers as handicapping tools, AINSLIE offered this example:

For example, at Belmont Park on September 28, 1968, the crowd made Taillevent the 9-5 favorite in the first race, which was at a mile-and-a-sixteenth for \$4,000 to \$5,000 three-year-olds. As you can see from the record, Taillevent's September 24 race had been excusable. The gelding had been on the shelf for almost two months and could not have been expected to beat \$7,500 animals immediately upon its return. Moreover, it was too slow a starter to get much in good company at less than a mile, even when in shape.

Granting that the crowd was right to forgive Tail-levent's latest defeat, why did so many people expect the animal to beat \$5,000 horses on September 28? Because it had raced only four days earlier, and probably was fit? Because it was dropping into the kind of field it had devoured on July 22?

It seems to me that a thoughtful player—or a properly programmed computer—would not have chosen this gelding on this day.

He goes on to say that PETER'S FOLLY went of at 5 to 1. So, let's see if AINSLIE'S predictions about computer handicapping were correct. Both horse are running at today's \$5,000 claiming price at BELMONT. (New York claiming prices were a lot lower in 1968). from our own knowledge, augmented by the computer, we know that most routes at BOTH Belmont and Saratoga favor Sustained Pace runners. Taking TALLEVENT of its Saratoga race 2 back and PETER off its Belmont race last out, we see that speed rating for the mile distance at both tracks is identical, so no track adjustment is needed. BOTH ran against a final time of 1:39:1. Today they stretch out to a mile and one sixteenth, so our Sustained Pace readouts should be dominant.

AINSLIE had pre-determined that this was a two horse race. Here are the Past Performance charts of the TOP 2 contenders.

30Apr68-5Aqu fst 7f .2245 .451/s1 12Apr68-6Aqu fst 1 .451/s1.107/s1 4Apr68-1Aqu fst 6f .22 .451/s1 23Mar68-1Aqu siy 6f .223/s .47 1	1.3913 Clm	4 614 612 612 L'e SHernandez 116 *1.80 7 694 44 22 11 SHernandez 5112 3.70 8 67 651 32 14 SHernandez 122 3.60 6 671 710 781 612 JVelasquez 122 3.90	73-18 Pittoceanmouth 11412 Here's 76-17 Arturo's Pride 11613 Tailleve 81-18 Taillevent 1126 Share The Lu 80-11 Pittoceanmouth 11610 Jamie 84-13 Pittoceanmouth 11513 Crooke 78-12 Tulrea 11610 Camp Meeting 1 FleetSwoon 11610 DynamicTu 82-21 Taillevent 1123 Fete Des Flee 86-18 Taillevent 1224 Chivalrous 12 67-25 CallMePrince1224 SilentArr	nt 112h Tudor Pitch 1165 Railled 10 ck 1151 Dot's Libertine 1152 Easily 8 Dee 1113 Wise Tenacious 1162 No thr't 11 dd Count 1122 Jamie Dee 113nk In close 14 163 Fleet Swoon 11921 Never close 11 rrn 1162 Colonel Moore 11621 Lame 6 zz 1163 Colonel Moore 11611 Driving 8 22 Gay Port 1222 Easily 14
Peter's Folly  205ep68-4Bel fst 1 .4634:1.224 125ep68-2Aqu gd 1 .4734:1.1234 125ep68-1Aqu fst 1 .4634:1.1136 15Aug68-25ar fst 1 .47 1.1234 1919/68-4Aqu fst 1 .4734:1.13 28Jun68-9Bel sly 1 .4734:1.124 28Jun68-9Bel fst 1 .4634:1.1234 24Jun68-9Bel fst 1 .4634:1.1234 1Jun68-9Bel fst 1 .4634:1.1234 5Jun68-1Bel fst 6f .2234 .4734 7May68-1Aqu fst 1/4 .4934:1.1434 10Apr68-1Aqu fst 1/4 .6934:1.4934 10Apr68-1Aqu fst 1/4 .6134:1.4934 10Apr68-1Aqu fst 1/4	1.4135 Ctm 3500 6 11.384 Ctm 3500 2 1 1.5225 Clm 4000 6 1.3845 Clm 4000 6 1.3845 Clm 5000 5 1.46 Clm 5000 5 1.4745 Ctm 3500 7 1.4745 Ctm 3500 7 1.1354 Md 3500 1 1.13 Md 3500 3	Ch. c (1965-Ky), by Nasco-Chickdale, by O Lou-Jessie Stable J. Lipari 9 915 871 572 23 KKnapp 114 11.30 7 581 55 21 20 KKnapp 112 18.70 12 1191214 79 511 KKnapp 112 18.70 10 1012 810 541 313 MVenezia 112 8.40 6 612 811 715 718 HVocdhouse 112 46.90 8 815 811 74 54 MVenezia 119 8.90 7 716 819 819 819 MVenezia 113 28.10 10 1015 Lost rider MVenezia 113 28.10 10 1015 Lost rider MVenezia 118 7.60 10 913 86 69 441 MVenezia 118 7.60 10 913 86 69 441 MVenezia 118 7.60 10 913 86 69 441 MVenezia 111 16.20 2 2h 10821013 913 DZambrana 103 35.20 7 1192111210921072 DBThomas 108 20.50 634 h Aug 10 Sar 6f fst 1.1534 h	(T. O. Campbell) 177-19 Asia Cee 1161 Peter's Folly 159-26 Asia Cee 113nº Peter's Folly 166-13 Swapme 11612 Summer Rock 73-12 Chinese Puzzle 1221 Madem 55-16 Came To Play 1206 Voters G 73-14 ChinesePuzzle 117nº Share! 61-15 Arturo's Pride 117nº Clever — Portfolio 11121 Golden Mike 65-17 Peter's Folly 11812 Lucerite 76-15 Four Martinis 11512 The Set 52-23 Wawra 11912 Never Never L	1123 Mademore 10814 Closed fast. 8 et 1155 Remains 1192 Lackedearly foot 14 ore 1081 Peter's Folly 1123 Poor start 10 uide 1082 Col.Pyncheon113nk No speed 12 heLuck 1143 NativeSallor 1113 No thr't 9 1032 Liaison 1173 Disliked slop 8 1161 Righteous Teddy 118no Stumbled 10 1132 Prince Oscar 1184 Driving 9 en Jays 11522 Rep 111no Mild late bid 12 and 11442 What Say 11441 Brief foot 11 Tyer 112no Frozen Stiff 1111 No speed 14

Needless to say, PETER'S FOLLY, at 5-1 WON the race.

FIRST, here is how the race looks on ENTROPY:

#	NAME	DIST.	1ST CALL	2ND CALL	FIN. CALL	1st B/L	2nd B/L	Stretch B/L	Final B/L
1	TAILL	8.0	46.2	112.3	139.1	7.50	2.00	1.00	1.50
2	PETRS	8.0		112.2 R G Y G E			7.50	2.25	0.75

#### RAW ENERGY FACTORS

Name	Total	Hidden	Fx	Med	Lex	3rd	ESP Type
TAILL PETRS	52.17 52.25	50.46 50.83		68.22 67.96	32.04		E/P Presser S/P Presser

E N T R O P Y

	SORT DC/V COMPOSITE							
Name	Ep/dv	P/dv	He/dv	Td/dv	Pm/dv	Total		
TAILL	1	1	2	2	2	8		
<b>PETRS</b>	2	2	1	1	1	7		

The TD/Dv rankings is ideal for testing a horse's ability to stretch out. Today's stretchout if from a mile to a mile one sixteenth.

It PETER'S by 2.55 units.

Ta/av

TAILL

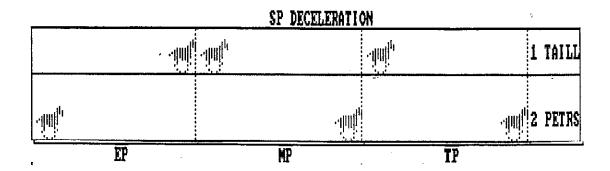
8<u>9.</u>38



**PETRS** 

92.94

NOW, let's view the race from the perspective of Thoromation. (in this case the Super Velocity Match Up Program).



 Raw Pace Graph

 X1
 X1
 X 2=PETRS

 X2
 X
 X 1=TAILL

 X
 X
 X

 X
 X2
 X

 X
 X2
 X

 Start
 1st
 2nd
 3rd

		Doctor	S Match Up	
	X 1 X X 2 X X		X 2 X X X X 1	X 2=PETRS X X 1=TAILL X X
Start	lst		2nd	3rd
		Doctor	E Match Up	
	X 1 X X X X X X 2		X 2 X X X X X 1	X 2=PETRS X X X X X 1=TAILL X
Start	1st	. <b></b>	2nd	3rd

And viewing the PACE OF RACE each horse ran against, we see that PETER is the most likely to win the duel in the stretchout. Look at the final fraction numbers of each borse.

I wonder what a good computer would have recommended. A couple of tickets on Taillevent and one on Peter's Folly? Peter's Folly alone? Pass the race altogether?

Somewhere, I imagine, a computer expert lounges in his vicuna pajamas, reading this page as he waits for his machine to tick off today's selections. And he smiles.

Had this race been run at AQUEDUCT which favors horses with faster EARLY fractions, the result may well have been reversed. Our knowledge of TRACK ENERGY BIAS was also derived from computer studies.

And, as a final reminder of AINSLIE'S WISDOM, here are his concluding words in his chapter on Computer Handicapping, vintage 1969.

Wagering on TWO horses to win!

A reminder to all of us who think we've come up with NEW ideas: Study History first and handicapping second.

Thank you, TOM AINSLIE. We ARE smiling; all the way to the bank.

We don't use much FOLLOW UP space to plug seminars because when people purchase back issues we don't want them cluttered with advertisements for past events. However, the conclave scheduled to begin June 4th at the Las Vegas Ramada San Remo should be one of the best ever. (see flier enclosed). In addition to the charter and teaching members listed, TOM RENNER and, possibly PAUL COLWELL, from the mid-west will join our staff. RENNER just purchased a bait and tackle shop using his handicapping profits, most of which came from using our HARNESS RACE Trotimation program.

The format will be more exciting than ever this time because half of it will consist of lively panel discussion symposiums addressing YOUR most often asked questions. No more long, sometimes droning, speeches from a single instructor.

The other half will be dedicated to handicapping the potentially most profitable races from both the Northern and Southern California racing cards for Sunday afternoon.

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And finally, my heartfelt thanks and warn affection to all of you who so kindly sent me Get Well Cards, Flowers and relayed messages of Good Will about my recent surgery. I never mentioned it because a hernia operation can hardly compare with a Mastectomy or Renal Failure. Fortunately, or unfortunately, depending on your sentiments, I was in no danger of death this time around. But Thanks anyway!

Dear Ann Landers: The following is the best advice for keeping friendships intact. I hope you will find room for it in your column:

What you see here
What you hear here
What you say here
Let it stay here
When you leave here. — A Retired Plumber in Caliente, Calif.

GOOD ADVICE, PERHAPS, FOR KEEPING FRIENDS.

BUT UNIVERSALLY APPLIED, IT WOULD DENY US ALL LITERATURE, COMMENTARY AND ICONOCLASTIC THOUGHT. NO AMERICAN REVOLUTION: WE'D ALL BE LIVING UNDER A TYRANT.





The LAS VEGAS SPRING SEMINAR (see enclosed flier) will be JUNE 4,5,6 (Read the flier carefully this onelooks great & different). I get lots of calls asking, "Should I attend, I'm new to the Methodology?" Dr. Sartin in my first contact with him said, "There is a certain dynamic that occurs by attending". Asking new clients after attending if they made a good decision. The answer is always a resounding "YES". And you can't keep the older members away.

MAY 22nd PAUL COLWELL and TOM RENNER have planned a work shop at the AURORA, ILLINOIS Travellodge (rte 31 & I-88) these work shops have in the past drawn some really bad weather. But in May this should be a beautiful Spring day. The fee is \$45 (checks payable to O.Henry House Inc.) Contact Paul at 617 Edison Ave, Aurora, Illinois 60505 or call Paul at 708/892-4190. Tom's new mumber is 309/764-6398

In response to BOB SPLETT's note requesting to mention in the FU - at the New Orleans seminar a plaque was awarded:

TRILOGY OF CHAMPIONS

DOC SARTIN TOM BROHAMER JIM BRADSHAW

TODAY YOU ARE ELECTED TO THE HANDICAPPERS HALL OF FAME 3-1-1993

Bob also says, "Because of his humble nature that DR. SARTIN will not write about this exciting event." Bob, give us a break with your loose use of "HUMBLE". CHAMPION, yes; humble????

I want to thank the many dozens of you who have sent me so many letters of congratulations and good wishes on my appointment as Editor of the Follow Up. A lot of you also asked me a number of questions. I regret, that because of pressing matters having to do with seminars, Expo '93, my pneumonia and Howard's operation, many of those letters have gone unanswered. However, I'm getting ready to remedy that. Thank you for your kind words and your patience.

In FU #37 we announced that beginning with THIS issue I would be offering a COMPUTER COLUMN. Many new computer developments are taking place right now that I've decided to delay the start of that column until NEXT issue. By the end of June there will be something more definite to write about.

And, YES, we do know that the Daily Racing Form is planning to include, in the very near future, STRETCH CALL times at all distances and the First Quarter Mile in Routes. All of our advanced programs will be upgraded to fit this new formats. Jim "The Hat" is working on it right now.

No wonder PACE MAKES THE RACE was 1992's best selling NEW BOOK on Handicapping. It seems there must be THREE BOOKS out with the same title. Tom Hambleton's associates say HE wrote it; The Schmidt-Pizzolla, Handicappers Network says THEY wrote it. Howard's supporters and those pirating the Phase I program, say HE wrote it. My copy says they all FOUR wrote it.

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In going through my mail Howard and I have come across a number of letters that will make excellent articles for FOLLOW UP #39. As I said when I took over the FU editorship, we welcome VIABLE articles or commentaries from YOU. We prefer them camera ready but don't insist on it. Watch for Issue #39. Many of YOU will have provided a wealth of the material making up its content.

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At the Spring '92 Las Vegas Seminar, GLEN CONNOLLY referred to WM. SCOTT's approach to the use of the Racing Times speed ratings in finding contenders. At the EXPO, WM.SCOTT was back at it with an update. With the demise of Racing Times, SCOTT used the Beyer's numbers from the Racing Form. (His tape is available from the EXPO folks) I got the WM. SCOTT session tape and am now testing his application. I've been putting the last four pace lines of

EVERY horse in the race in the computer ( Howard was concerned that I would burn out ) Possibly SCOTT's application will cut my work load in half. I'll keep you posted in upcoming FU's

QUOTES from the famous:

ANDY BEYER: "INCREASED TRACK TAKE-OUTS ARE KILLING THE GAME."

#### MARK CRAMER:

Taking. Doc Sartin has argued in various ways that the track take's affect on players is overestimated. Here's a piece of mathematics that backs him up. In the French "Loto Sportif," there was a 50% take. The game consisted of picking the final score of pre-designated soccer games. Since the Loto Sportif was a pari-mutuel operation, payoffs depended on the action. I kept stats on this, and bet it.

The most likely result was 1-0, with the favored team on top. The second most likely result was 0-0. But more players picked scores of 1-0, 2-1 1-1, 0-1, 1-2 than the unpopular 0-0. Result: if you bet 0-0 for the whole year, you came out with a profit, in spite of the 50% take!

Dear Doc. et al

Enclosed is my second set of races. This set was much better, I only missed one contender this set, had 13 of 20 winners for 65%, \$ 8.40 mutual, 1.37 ROI.

The biggest problem I have right now is missing winners that are either comming out of a long string of routes and now in a sprint or sprinters routing for the first time. I've tried using the projector/multiplier but not with success... any tips?

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\* AFTICLE - NEXT FU

$\mathbf{I}_{i}$	uesday, Apric 13
	:30 AM
DEAR DR. SARTIN:	. , , , , , , , , , , , , , , , , , , ,
IT'S AN IDYLLIC MO	RAING ON THE
WEST COAST OF FLORIDA. MY HOSTS, SE.	
KNOWLEDGE THAT I'VE UNCE AGAIN (C	CNFIDENTIAL
INFO - NOT FOR PUBLICATIONA, HS)	ARE BLISSFULLY
ASLEEP.	
THESE PEACEFUL MORNING	t Hours
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## BETTING [against] THE ODDS-ON FAVORITE W/ THOROMATION & ΣΝΤRΟΡΥ

## AL CRISTOFANO

This particular race on saturday 12-5-92 offered a great betting opportunity if I could find a horse to beat the odds-on favorite, Looie Capote. Based on the conditions of the race, it looked like a very soft spot for Looie Capote to take another step up the allowance condition ladder, but... you never know. After a careful examination of the entries - I seleted my contenders. Here is a run-down of all the entries and the rationale for my contender selection.

Her Elegant Ways - Very nice name but doesn't match up too well against my projected pace scenario.

Officer Lea -

I wasn't impressed with any one particular aspect of this filly, but felt she would have an impact in the late going. Last two races after a layoff were acceptable to me. I used the mile dirt race, because it fit my match up.

Looie Capote -

I never am one for playing chalk, even when I was a non-winner, B. S. (before Sartin). The horse is outstanding in class and a definate major player in my match up scenario. This filly is a definate contender. I went back to the June 20 race at Hollywood Park for a number of reasons. The race was a good representation of how the horse will run today, since I figured this one to take the lead or at least press Iddy Biddy Dollar all the way. The race was the second race after a layoff, just like today's situation. I felt the Nov 18 race was not an accurate reflection of how she would run today.

Devil's Swap -

Slow horse right now. May be better later. Non contender in today's race.

1% MILES HOLLYWOOD 1 12 MILES. (1.40) ALLOWANCE, Purse \$37,000. Fillies and mares. 3-year-olds and upward which have not won \$3,000 twice other than maiden, claiming or starter. Weights, 3-year-olds, 118 lbs.; older, 121 lbs. Non-winners of two races other than claiming at a mile or over since October 15 allowed 3 lbs.; such a race other than maiden or claiming since then, 6 lbs.

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\$\frac{473}{164052-35A} \text{fst 1} \text{:473} \text{1:12} \text{1:373} \text{1:092}	315MC20MC 30 2 3 27	11 2nd ink McCarron C J	表 111、 作的 十 的-15 DA1.27.mb111	"(WndiamyHr11/"(Usio"sGimor11/ All out /
	56 fst 1:01 H • Nov B. f. 4, by Roberts—Pirate	: 25 Hol - St fst 1:13 H 's Glow, by Pirate's Rounty	Nov 19 Hol 5f fst 1:831 B	Nev 15 Hol 36 fst :361 H 1992 5 1 2 9 \$35,658
Amorously FLORES B R (57 12 4 7 21)	Br.—Wygod &	k Sarkowsky (Ky)	115 222 x3,925	0 1991 4 1 1 0 \$28,075 Turf 6 t 1 6 \$35,525
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15.1m62-7Hel fst 74f :221 :45 1:29 3.1m62-5Hel fst 1½ :46 1:101 1:43	2 (€Clm 4664 ∴ 78 4 1 2™ (€Clm 3664	6 3=6 14 15] Pincay L.Jr 32 22 33 Pincay L.Jr	LB 117 *1.30 子 第-10 iddyB6dyD LB 117	dr17547tHSpcd16≠Tl'sDncr1% Ridden out 7 1%4Cjmlv1%4IddyBddDHr117 No late bid 8
234pr32- 3SA fst 1 :452 1:162 1:364 234pr32-Claimed from Antonacci & (	4 OCisn c-50005 76 5 5 44	44 34 33 Martinez F F5	LB 112 4.59 + 88-16 Str Mistrs 11	51§SprsH11521ddBddDlir112 Bumped at break 6
11Ag-12- 35A fst 14 :482 1:123 1:44 1906-12- 35A fst 1 :452 1:103 1:37	2 • OAN 35888 75 4 3 2}	2] 32 34] Martinez F F5		#JAIsbII11111IIddBddDlir111 Weakened a bit 5 11111GldFd1171JStrMstrs115 Zigzagged drive 7
		ISA 4614 H		

17

Amorously - Very competitive in my match up scenario, a definate

contender. Last pace line is o. k. to use.

Iddy Bitty Dollar I have to tell you on first look, I loved this horse. Great

Speed Ratings, good running style for the track. I made him a contender and let EXDC and ΣNTROPY tell me if

my assessment was accurate. Last line is O.K.

#### **EXDC w/ THOROMATION**

In using EXDC w/THOROMATION I found in my first screen a pleasant surprise. First let me re-trace my steps. In reviewing the energy factors (which I place a lot of confidence in, - <u>a lot</u>.) I found a great variance in total energy among the contenders leading me to use the (2) alternate adjustment of THOROMATION. Now I go to the first screen and lo and behold, a bonanza. It seems ol' Looie Capote is the fourth horse in the picture. The race will be run Early, which validates my assessment of the race. And, it shows Officer Lea and Amorously 1-2, with Looie Capote as a DPH (designated place horse). The counter-energy horse (second screen) is Officer Lea. THOROMATION had the winner on top and I found if you used automatic projection with the (2) alternate adjustment, THOROMATION has the winner and second place horse cold. I shift away from using the automatic projection and the (2) alternate adjustment, but I may have to reconsider after missing this \$160.00 exacta.

I recently received  $\Sigma$ NTROPY so I ran this same race through the program to see how it would fare. The results are consistant with what I found with EXDC w/THOROMATION.

Now I want to make something very clear: The key to nailing this race is narrowing the race to four contenders. I could have eliminated Iddy Biddy Dollar based on such a low total energy number, but I left him in for my own curiosity. It didn't hurt the results any.

While I was preparing this article I came upon another interesting opportunity where there was a 4-5 shot in a \$10,000 claimer on Jan 3,1993 in the 9th race at Santa Anita, that bit the dust. EXDC w/ THOROMATION and I had this race also. If this article goes well maybe Howard will let me work that race.

Speaking of Howard, let me go on record publicly and add my voice to all of you that have been so warmly touched by the goodness and benevolence of

this man. I think it is a fair statement to say that a lot of us wouldn't be experiencing the kind of success we have been having if it were not for his brilliance, generosity and most of all his capacity to truely care for those that have trusted him and have kept the faith. In a quiet, patient and modest way Howard has been the wind beneath our wings as well as a good shepherd. God love ya, Howard!

#### Albert P. Cristofano

5 1 7 4 SEVENTH RACE. 1-1/16 Allowance, Purse \$37,0 4152 Amorously, Flores. 115 5007. Cheer Lea, Pincay. 117 5055 wole Capote, Dihssye. 116	5 1	3hd 51/2	3 <sup>1</sup>	1½ 51 21½	11%.	14 2hd	8.20 12.30
507% iddy Biddy Dollar, Niktnl	6 4	42 21 -	43 2½ 51½	42 3 <sup>1</sup> / <sub>2</sub>	22½ 4hd 55 6	35% 4no 5	.80 6.16 2.60 19.00
Her Elegant Ways eased up.  5—AMOROUSLY 2—OFFICER LEA 3—LOOIE CAPOTE				12.2	0 4	έū	
Time—23 2/5, 46 4/5, 1.11, 1.36, 1. Pliate's Glow. Trained by Richard Man \$367,314.	42 2/5	Cloudy	& fast	Winne	rb ()	בס סבו	perto:-

ENTROP

#### DREAM RACE DECELERATION PARS

Name	Ep/dγ	P/dv	He/dv	Td/dv	Pm/dv
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	JJ. U41	101.289	98.727	95 301	05 151
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rona	100.000	101.606	96.940	96.638	96.638
amour	99.540	102.829	100.698	98.734	99.190
looh	100.536	100.857	97.295	98.235	97.711
lea	99.295	101.924	102.469	101.112	101.830

#### DC/V COMPOSITE

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Name	Ep/dv	P/dv	He/dv	Td/dv	Pm/dv
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iddy	100.967	100.725	97.552	97.478	97.478
amour	100.554	100.750	99.483	38.988	99.101
looh	100.831	100.322	97.971	98.202	98.073
lea	99.880	99.911	100.632	100.281	100.466

#### SORT DC/V COMPOSITE

инини	чинимини	ининин	Інннинні	<i>МИМИМИ</i>	<i>МИММИНИ</i> .	HMMMMMM
Name	Eb/dV F	2/dv	He/dv	Td/dv	Pm/dy	Total
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1 <b>0</b> 0y	1	2	4	4	4	15
amour	3	1	2	2	2	10
looh	2	3	3	3	3	14
lea	4	4	1	1	1	11

#### KINETIC GENERATOR

	*****	*=======		ENERG	IGS Com PREFERENCE IY FACTORS		alw f&m ========	nw3000 2 <sub>%</sub> *####################################	<b>≃=</b> :
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#### HUEY IS BACK

Yes, Huey Mahl is back in contact. He suffered the loss of his beloved wife Ginny last New Years. We all feel deeply saddened, she was such a

lovely lady in every respect.

But Huey turned up at EXPO '93 looking in better health than he appeared last time we saw him. He is still writing for the Las Vegas Sports Form. Here is his column written just before Expo. As you can see he thought surely I would be on the Pace Symposium; so he wrote his column with that in mind. However, Huey is old and wise enough to realize that LOGIC often has little to do with choosing members of a Symposium on ANYTHING.

Casino Gambling Weekly

Spenting United William Street

SPORTS FORM

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## Maill Here

## Handicapping Expo '93 at The Mirage this weekend

This weekend, The Mirage hosts the fourth national conference on thoroughbred handicapping — Handicapping Expo '93. I was a guest speaker at the first back in 1983 at the Bonaventure Hotel in Los Angeles. Again, I sat on a panel in 1990 also at The Mirage. The confab is an enlightening experience.

This year promises to be the greatest of any as it brings together the most distinguished assemblage of racing's current scholars and information purveyors. Look at the list: Tom Ainslie, Andy Beyer, Bob Beinish, Tom Brohamer, Jerry Brown, Charles Carroll, Ron Cox, Mark Cramer, Steven Crist, Steve Davidowitz, Scott Finley, Mark Hopkins, Gordon Jones, George Kaywood, Greg Lawlor, Scott McMannis, Barry Meadow, Paul Mellos, Dick Mitchell, Gerry Okuneff, William Murray, James Quinn, Steven Roman, Lee Rousso, Howard Sartin, William L. Scott, Jeff Siegel, and Joe Takach.

If you can't learn anything from these guys, better to stay at the crap table. Unlike single-focused seminars, this bunch promises to present many controversial points of view on all aspects of the game. Like a presidential debate, "you make your choice."

Probably, the highlight confrontation will be on the "Pace Panel," the major topic of the conference. Racing's ablest proponents on the panel will include Dr. Howard Sartin, Tom Brohamer, and James Quinn. Ironically, the appointed "moderator" will be speed advocate, Andy Beyer. That seems to stretch the bounds of moderation which implies a role of not being too extreme in opinion.

Andy is quoted as saying, "I approach pace handicapping with a lot of trepidation. I've got many unsettled questions, about it and I'll be throwing them out to try to get the answers I haven't been able to find yet."

Speed and pace freaks have always been at odds of sorts. It will be interesting to see if either side succumbs but I doubt it. Do you think the pace arguments would be so overwhelming that Andy would alter his lucrative speed figures in the Daily Racing Form? After all, both disciplines still pick winners.

The pace concept has been an illusive approach to grasp by many handicappers. It depends on fractional times as the primary source of information. These data were not readily available 40 years ago in past performance lines and had to be extracted from charts. The likes of Hugh Matheson and Ray Talbut initially kicked it around despite the extra burden of research. I gave it a shot in 1975 in my book The Race is Pace which was my best seller. But, there's been a lot of water under the bridge since then thanks to the computer.

Panelist Dr. Howard G. Sartin has been the forerunner in advancing the pace concept via modern computer technology. His breakthroughs, with the assistance of Tom Brohamer and "The Hat" Bradshaw, while more complex have been impressive. Raw data has been converted into fresh factors for consideration previously hidden from the average Racing Form scanners.

Therein lies its attractiveness, that its conclusions are not readily perceptible to the majority of race goers who form the odds. Consequently, average mutuels, enjoyed by pace enthusiasts, are juicier without sacrificing a drop if any in proficiency. Because of this, contenders can be dutched in "gambling entries," cutting risk and providing more trips to the cashier's window.

Speed advocates look for the horse most likely to get from Point A to Point B in the faster time. The pace boys say, "Okay but, what has to transpire in the interim fractions to achieve that speed?" They analyze the intermediate (fractional) races that make up the total distance. Impending running style matchups do make a significant contribution in overall performance. There are subtle clues in evaluating this and determining the propensity of a horse to ration his energy to his greatest advantage.

While pace is the major theme of the expo, a myriad of other topics will be presented as well. I'll be there for the kickoff cocktail party the evening of April Fool's Day. The only time I ever turned down a drink, I misunderstood the question.

"Doc" Sartin.....

#### COMMENTARY

Watch out folks, Andy Beyer Discovers Pace. here is the last part of an interview with Beyer conducted by former client Vince Doyle:



## A CONVERSATION WITH ANDY BEYER

ATM: Will the publication of your figures lower mutuel payoffs?

AB: Absolutely, it can't be avoided. Prices on the "big figure" horse have already been eroded, especially in the East where the sheet players have an enormous impact on mutuel action.

That's why exotic betting is so impertant. Even a "chalk" exacta, paying \$20—which is pretty common—

"The competition at the mutuel windows has be-come very sophisticated. It's much tougher to win."

is such a solid return. Two very obvious selections give you a better return than either one of them could individually.

- \*(ATM: What handicapping ideas do you foresee as "the wave of the future?"
- \*AB: The next frontier will involve pace analysis, but only when the way in which races are timed today is brought into the 20th century. Just because the final quarter of a race was run in :24.3 with the horse gaining eight lengths doesn't mean it ran a :23.0 final fraction.

The day will come when each and every horse is individually timed in hundredths of a second, for each and every quarter mile of the race. Then a new analysis will be possible. For now, the data is so shaky.

My comments on "Pace Analysis as the "Next Frontier" is discussed later on in this issue in the ANALYSIS OF A PROBLEM RACE segment.

We have ALWAYS used our feet-per-second numbers in 100ths. And, when the RACING TIMES used 100ths NONE of our clients reported superior results over using Daily Racing Form figures.

As for a horse gaining 8 lengths on who won with a final fraction of 24:3 NOT equating to a 23, we've known that for 18 years and Ray Taulbot wrote about it in 1949.

PHASE III

#### Here is an example

**COMMENTS:** RACE: BEYER. DIST: = 6.0 FURLONGS

NAME	F W	ΕP	SP	T T	F X	W X
24.3	58.99	58.66	58.18	57.11	56.82	56.91
GAIN8	58.89	56.88	56.89	57.01	56.63	56.78
23F-3	58.24	58.86	58.02	58.04	58.69	58.46

Pace	F 1 59.99	F 2 57.39	F 3 57.39	S C 58.66		SC B/L
24.3 23F-3 GAIN8	59.99 59.99 59.38	57.39 57.39 57.39 57.39	53.65 57.39 58.91	58.66 58.66 58.88	 24.3 23F-3 GAIN8	0.00 0.00 4.74

is the horse whose final fraction is 24:3 "24.3"

is a horse running a final fraction of 23:00 "23F-3"

is a horse who gained 8 lengths on a horse who ran a "GAIN8" 24:3. Look at the F-3 readouts and SEE the finalfraction of Quite significant, right? difference for yourself.

Andy is a lovable and most entertaining person and a handicapping whiz; but before he writes about PACE as the NEW FRONTIER, he should read another page in the same edition of American Turf Monthly on which we see:

#### By Tom Brohamer

There is a revolution going on in Thoroughbred handicapping and author Tom Brohamer is one of its leaders. In MODERN PACE HANDICAPPING, Brohamer takes the concept of pace handicapping to new levels, using an innovative computerassisted strategy that integrates fractional times, running styles, turn times, track variants and final times into an interrelated whole.

Intended for the serious horseplayer who plays the game to win, MODERN PACE HANDICAPPING gives you the tools to understand how a dead loser at Belmont can be a runaway boxcar winner at Hollywood Park. Hardcover, 351 pages.

#### The experts agree on MODERN PACE HANDICAPPING:

"...the most significant contribution to handicapping literature in the last decade. I cannot recommend it too highly." --- William L. Scott

Must reading for serious handicoppers and anyone else interested in appraising one of the most talked about handi-capping approaches of the 1980s.

-- William Quirin 23

Doc Sartin....

A RACE WON - A RACE LOST.

Two Perspectives on the SAME RACE.

Here is an interesting commentary, worthy of article status from THOROMATION client, DAVE BARRIOS. In response I suggested that he forgive MURRAY. Bill is a friend of racing but he is also a celebrity. His racing books are far superior both in plot and syntex to those of Dick Francis but, ironically, Francis sells more.

MURRAY is also an accomplished singer-entertainer. Celebrities cluster together. Very few entertainers will sit still through complete presentations made by others - and NEVER those of Non-Celebrities.

In BILL'S world a celebrity is one who publishes via a well known New York Trade Publisher. Self publishers are called Vanity Presses.

He also pays a lot of attention to persons who might by prototypes for characters in his next book.

Whereas you and I prefer - or are required - to wager at Off-Track Sites, BILL feels that this is like masturbation, while going to the track is truly lovemaking. If you read his excellent book, THE WRONG HORSE, you will also find that he believes that actually making a living via handicapping is virtually impossible. For most persons, he is correct. But you and I know it CAN be done.

Let MURRAY have his romantic illusions about racing. Let him eschew the art and science of Handicapping and get on with what he does so well: Write truly marvelous words, be they fiction or non-fiction.

He is a grand person and his quirks are a part of his charm. If you should ever have the chance to meet him, you will like him a lot.

#### Howard

P.S. Hanging around all those experts I would probably have lost this race, too. H.S.

NOW, from Dave Barrios.....

Dear Doc.

I thought you might find this article interesting. William Murray of the Daily Racing Form found the 7th race at Santa Anita on April 9 impossible to win.

In fact every readout in Thoromation, Entropy and CPR gives it to you once you convert the sprint lines to routes which I did with the manual sprint to route routine. This \$58.20 win was a givaway. I found it ironic that he also said that "nothing he heard at Handicapping Expo could have prepared him for this race".

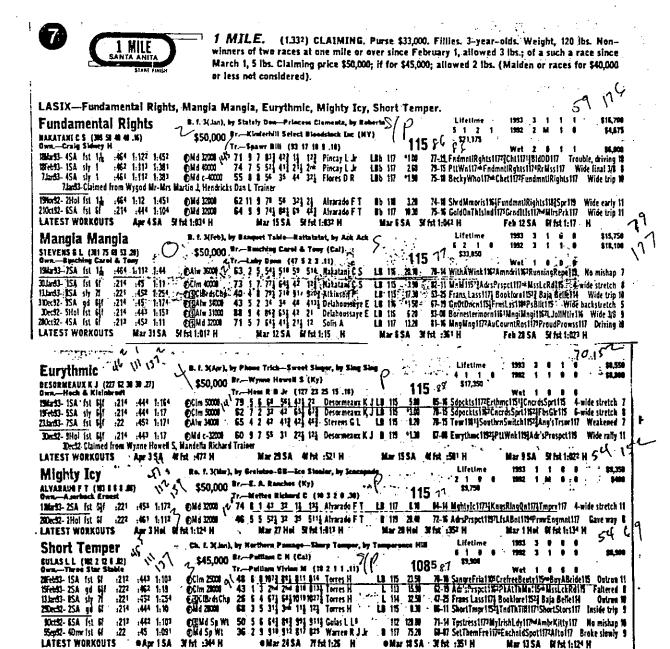
Dave Barrios

#### From Wm. Murray's DRF Article

Never mind. Horse racing is a great sport and a great game. It's probably going to survive even the oversights and mismanagement of the people who run it and the greed of the politicians who despoil it. It might even survive races like the seventh at Santa Anita on April 9, another in the series of dismal contests we've been forced to submit to as the long meet grinds to an end.

Here was a field of five 3-year-old fillies going a mile. The race was won by the only horse in it that had no chance, a 28-1 shot named Short Temper. Nothing I heard at Handicapping Expo could have prepared us for this one. A filly with no speed, no Beyer Fig, conditioned by a low-percentage trainer and ridden by an even lower-percentage jock, went to the front, set glacial fractions while the other horses all took back, then galloped home in a fast last quarter. In the old days in New York it would have been called a boat race. Too many of these and we'll all stop coming.

William Murray, a New Yorker staff writer, is the author of many books with racing themes. His latest is The Wrong Horse.



WHO SAYS YOU CAN'T MAKE BIG PROFITS FROM SMALL FIELDS?

#	NAME	DIST.	1ST CALL	2ND CALL	FIN. CALL	ist B/L	2nd B/L	Stretch B/L	Final B/L
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1	FUN-2	8.0	46.2	111.3	138.1	2.50	1.25	1.50	0.00
2	MAN	8.5	46.4	111.2	144.0	4.50	9,00	9.00	9.00
3	SHOT	8.¢	45.3	111.0	137.0	7.75	8.25	9.00	9.00
4	MIGH	8.0	47.1	112.3	139.0	3.00	2.00	0.00	0.00
5	EUR	8.0	46.2	111.1	137.2	2.00	2.00	5.50	7.75
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## USING THE MULTIPLIER AND DOC'S NO MORE THAN 9 BEATEN LENGTHS RULE.

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EUR	87.0 1	78.3/5 4	165.3 7	- 9	٠-2, ٥

#### KINETIC GENERATOR \*\*\*\*\*\*\*\*\*

Race: C:6678 Dist = 8.0 FURLONGS Comments:

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ENTROPY \*

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FUN-2	35.43	32.94	31.30	FUN-2	0.022	0.171	0.192
MIGH	34.85	32.78	31.63	MIGH	0.090	0.135	0.225

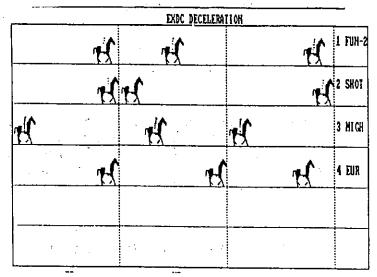
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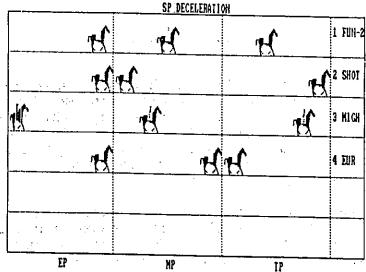
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EXDC & DECELERATION

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\$ SHORT TEMPER				88 30			80	

2.80

\* Time -23 2/5, 47 4/5, 1.12 1/5, 1.24 3/5, 1.37 3/5. Clear & fast. Winner-ch f.90. Northern Passage - Sharp Temper, Trained by Vivian M. Pullam, Mutuel pool - \$261,864. Exacta pool—\$245.322. Quineta pool—\$42.872.

\$2 EXACTA (5-1) PAID \$184 40 \$2 QUINELLA (1-8) PAID \$59.80

Please NOTE: By "Glacial Fractions" I don't know if BILL meant icy fast or extremely SLOW. If he meant SLOW he was correct. But coming home in 25:2 is NOT fast for a HOL mile. Route Race Axiom: Sprinters usually beat SLOW Routers. The Other sprinter was the favorite, coming in last.

#### ISLAND OF ECSTASY

by

#### Bob Ireland

You are about to spend a year on an uninhabited, lush tropical island. All of your needs will be attended to. You may take with you either a complete set of the Follow Up or Kim Basinger. Which will you choose? (See, Spencer, I told you this wouldn't work. Let's start over.)

#### FUN AND GAMES IN THE LIBRARY

bу

#### Bob Ireland

By the end of 1992, the Follow Up had published 36 issues, almost 2500 pages and nearly 500 articles by 69 different authors. The Follow Up is a handicapping library second to none. Does it sit on your shelf unused? If it does, you're missing a resource that is years ahead of anything you can buy on the market. Let's see if you recall some of these highlights of past issues.

Jim Bradshaw once gave a quick formula for assigning a speed rating to the internal fractions of a route and for finding the speed ratings for shippers. No charts needed; just a simple formula. Do you remember it? (1:54,55)

You've just bought a new computer and you want to really get into this high tech stuff. You have a data base program and you want to start loading in a few hundred races. Seems like a great idea doesn't it? (Check 15:20, 16:26-7 21:31-2 and 35:9-10). You might also want to check (23:32,33)

There have been 16 articles and over 60 pages on money management too. Years ago there was Huey Mahl's PIP. Do you remember what it means and how it works? (2:33-51). You might also be interested in Sal Sinatra's article (36:26-30).

Averaging pace lines seems to make a lot of sense doesn't it? (Check 4:17).

You're thinking about buying Joe Takach's video on body language. Is it worth the money? (25:15-16).

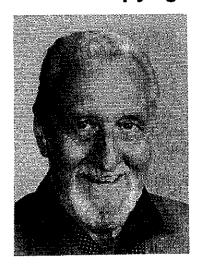
Remember Doc's little test where you write down your bets and how you feel when you're making them and your reactions afterwards? How did that work? (16:22-4). And what about that idea for calling the race to yourself before it's run? What's the point of that anyhow? (16:5-6 and 26:43-52). Did you find yourself on Doc's list of client errors? (28:40) Where do you fit in the comparison of winners and losers? (back cover of 31 and 34)

Once, Doc almost gave a rule. Do you remember what it is? (16:4).

This could go on, but you get the idea. If you could answer all the questions, great. But if you've forgotten some of this information it could be costing you money.

Pace Makes the Race is widely hailed as the best book on handicapping in years. The ideas, concepts, charts, and even examples were in the Follow Up years before the book was published. Check 13:11-18, 14:55-64, 15:12-15, 20:33-5, 24:7-13, 25:48 for starters. You sure can't say that Doc gave this to the public before he gave it to us!

What gems are now in the Follow Up that may turn up in books a few years from now? The information is there for us and we miss a bet (or a lot of bets) if we don't use it. The Index is the key to that library. Whether or not it's the key to the mint is up to you. Use it. Somewhere in there you might even find a phone number for Kim Basinger.





Our first question comes from a lady in Canada. She sent 11 races complete with readouts from our TROTIMATION program for Harness Racing. Her track is CLOVERDALE RACEWAY. She had 9 winners out of the of the eleven races in her TOP 2. Had she used the Alternate adjustment when warranted she would have also had seven exactas. I checked out a few of her pace lines to make sure she was entering the times correctly. Her Pace Line selection was highly professional and she IS using the program correctly with the possible exception of her adjustment choice. Since this is the first time we've addressed HARNESS RACING in a long while, I've decided to make amends with this column. Many of her wins did not pay enough to justify using them here. That's the problem with both Harness and Quarter Horse racing. Win payoffs are usually too low. Exactas and Trifectas (Triactors) are the \$\$ answer. I chose here race six in which the winner paid \$8.10 and the \$2 Exacta paid \$22.50. She had the horses 2 - 1. Had she used the TROTIMATION screen she would have had them 1 - 2.

Q: .... "I'm confused about how the numbers work."

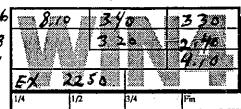
A: Despite your professed confusion, you're using the program quite professionally. Since the numbers work perhaps I should let you remain confused. Confused people are more likely to believe their numbers. The more knowledgeable clients get, the more they seem to stray into self-defeating subjectivity. However, we'll go over your readouts as they appear. Except for fact that Harness times are slower and harness numbers are in velocity instead of ENERGY, all that I'm saying here applies to THOROMATION as well, so this column will kill two birds with one stone.

## 6th Race Yellow Saddle Cloth Win - Place - Show Exactor - Win 4

## MO - BK Tours ONE & ONE-SIXTEENTH MILE PACE

Purse \$2900

Claiming Price \$5000 plus allowances. \*\*Brittany Sun - Raced Wed, Race 2.



	Exactor - Win 4  **Brittany Sun - Raced Wed, Race 2		2250.	
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	HAPPY JOE N Joe Pastor - Richmond, B.C. (5000) B g 7 (NZ) Shicker - Viold Jo - Out	To Wa	U. 93	\$ 10 20 \$14,491
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9-2	Fb14* Clv* # 4500 2600s :292 1:004 1:312 2:102 1 244 1142 11 2144 22	2:104 3.10 G.Abbott	:394 } igerPilot, }	NazkoBandit,Anniezinker 12 <sup>e</sup> HappyJoe,Mandanny 8 <sup>e</sup>
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	SMADTS Cam Gardner & Janice Wheeler - Surrey, B	.C.	U. Sen 137 Ff	
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v	Mr33 Chv7 pd 6000 3100 s :284 1:02 1:33 2:134 574 54 644 1674 624	2:14 15.70 G.White	:391 NazkoBand :401 RSMotion 9	lit,RowdyRoostr,CloverDuke 104 ShippsCourse,RoosterRun 117
10-1	Fb20s Cly10 t 5000 2900 s :29s 1:011 1:30t 2:09sx7 x7t0 7s 7m 7sh 7sh 7sh	2:111 37.55 G.White	:39 CloverDuke	,LooseBuck,Mandanny 17
	Fb3 CN 1 6000 3100s :29 1:021 1:311 2:091 5 64 0546 0646 611 616 Ja272 CN 1 57 6000 3100s :303 1:031 1:331 2:121 2 316 316 316 316 316 316 316	2:11 <sup>3</sup> 5.55 G.White 2:12 <sup>4</sup> 5.20 G.White		t,BoRunner,MoneyPlays 67 I,HallToSpirit,Smarts 64
				1 ankinikaninga

First, The Past Performances from the Track Program: Reading from Left To Right: These are the RAW (unadjusted) figures for TOTAL ENERGY in feet per second divided by three. MEDIAN is percent of ENERGY used through the Second Call. In Harness Racing HIGH is less desirable than Less than High as opposed to too low. KEEP A MODEL. Factor X is the average of the Horses first entered call and its final fraction in feet per second. The ADJUSTED column is adjusted as YOU decided. I would have used the alternate ADJ here. You chose the AUTO. Both got the winner #6, in the TOP 2.

Name	Total	RAW Median	Factor X	Name	ADJU Total	JSTED Median	2ndC
3.M12	43.76	66.11	43.61	3.M12	43.64	66.48	43.01
6.M20	.42.79	67.08	42.88	6.M20	42.99	66.45	43.36
1.M20	42.53	67.63	42.50	1.M20	42.81	66.72	43.62
5.M20	42.49	67.58	42.38	5.H20	42.79	66.63	43.49
7.M20	42.46	67.05	42.27	7.M20	42.77	66.08	
2.M21	42.19	68.04	41.58	2.M21	42.77	66.77	42.78 43.44
		Matchup		I	Decelerat	ion Pars	
* -	F 1	F 2	Fin	•			
Pace	44.00	43.94	44.37	Name	Ep/p	He/p	Td/p
1.M20	44.00	42.87	41.57	3.M12	1.03	1.01	1.04
5.M20	43.75	43.01	41.61	2.M21	1.02	0.93	0.95
6.M20	43.71	42.81	42.45	7.M20	1.01	0.98	0.99
2.M21	43.14	43.80	40.82	5.M20	0.98	0.97	0.95
7.M20	42.89	43.15	42.27	6.M20	0.98	0.99	0.97
3.M12	42.62	43.94	44.37	1.M20	0.97	0.97	0.94
	- ·- · - <del>-</del>	<b>-</b>	,		<b></b> .	0,00	0.24

Matchup. These are the 1st, 2nd and final Fraction times in feet per second as run by the horses you entered. Deceleration Pars are designed to be modeled, just as any other kind of par. Whatever numbers, by category, most reflect the DC Pars by distance, class and track are DC Pars. When wagering on Exactas, Triactors and WIN 4, you will want to know the pars for all payoff positions. OR, you can ignore this column and go on winning as you have been.

	RANKINGS						
	E P	P W	11 E ===	S P	F X	I, X ===	Muv ===
1.M20	1	3	6	3	3	5	0.00
5.M20	2	4	4	4	4	4	0.47
2.H21	3	5	5	6	6	6	1.83
6.M20	4	2	3	2	2	2	0.07
3.M12	5	1	1	1	1	3	0.74
7.M20	6	6	2	5	5 -	1	2.11

These are your rankings. In Harness Racing lower numbers in SP, FX andLX are most predictive MOST of the times. Add up the Rankings for a Line Score, if you wish. LOW IS BEST. Horse #6 totals = 15. #3 = 12. #1 = 21. #5 = 22. #2 and #7 don't figure at all, Each have line scores of 31. MUV stands for MATCHUP VARIEGATE. 00 designates NO units behind at the mid point of the race. While in Thoroughbred sprints low is often best; in Harness Racing Higher Numbers, representing off-the-pace runners usually win. Not THEE highest, but higher. KEEP A MODEL.

Par/ex E	·	Pat/ex S	
3.M12	3.M12	· · · · · · · · · · · · · · · · · · ·	
6.M20 1.M20	- 6.M20 <u> </u>		
	Par/ex P		
3.M12 6.M20			
1.M20			

PAR/EX E ranks the three top horses against the DREAM RACE Early par.Properly Adjusted #1 would be tops early, with 6 and 3 following. See my readouts at the end of this article. PAR/EX P ranks the THREE top horses against the Dream Race PRESSER par. My readouts ranked #6 - #3 #1/ Yours rank 3-6-1. Close enough.

PAR/EX S ranks the THREE top horses relative to the DREAM RACE sustained Par. Both of us got #3 & 6 as the top 2. In your readout the #7 snuck in for 3rd. While seven was BEST Late, it had NO early rankings to justify its inclusion.

## ENERGY GENERATOR \* \* \* \* \* \* \* \* \* \* RAW ENERGY FACTORS

Name	Total	Hidden	Fx	Med	Lex	ESP Type
1.M20	42.53	41.94	42.50	67.49	32.51	Sustained
2.M21	42.19	41.92	41.59	67.64	32.36	S/P Presser
3.M12	43.77	44.28	43.61	66.92	33.08	Sustained
5.M20	42.49	42.02	42.39	67.41	32.59	Sustained
6.M20	42.79	42.43	42.88	67.15	32.85	Sustained
7.M20	42.46	42.40	42.27	66.87	33.13	Sustained

The ENERGY GENERATOR Shows each horses RAW Total Energy, Hidden Energy: The average velocity of the final TWO fractions; FX. Factor X which we've already defined; MED: Median Energy and LEX, LATE Energy Expenditure. Lower MED and Higher LEX rating usually dominate in Harness Racing but not TOO Low a Median or TOO high an Lex. Again, keep a MODEL.

		Total	Med	Fin
HIGH	>>>	43.77	67.64	44.49
AVERAGE LOW	>>> >>>		67.25 66.87	

High is the High total Energy Horse entered; Low is the Low Total Energy of contenders entered. Ave. is the average of the Two extremes. The Difference between LOW and HI in this race is: 1.58. In Harness Racing, as opposed to Thoroughbred Racing, a difference of OVER 1.25 MAY require an Alternate Adjustment. That's because Harness times are SLOWER so the total energy relationships need less of a differential to be significant.

Doctor S Match Up

Name		1st	2nd	Fin
1.M20	1	44.00	43.01	41.57
5.M20	2	43.75	43.36	41.61
6.M20	3	43.71	43.62	42.45
2.M21	4	43.14	43.49	40.82
7.M20	5	42.89	42.78	42.27
3.M12	6	42.62	43.44	44.37

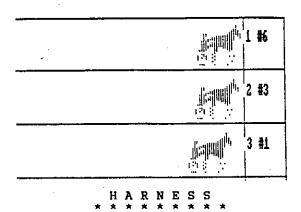
Doctor S Match Up. The most significant in Harness Racing. 1st, 2nd & Fin represent the 3 entered segments of the race. As you can see #3 and #6 are best at FIN. #6 shows the best 2nd Move.

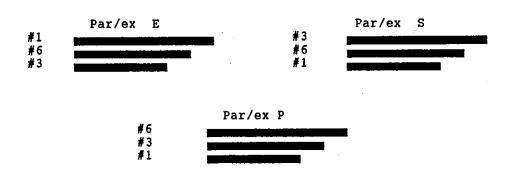
Start	1st	2nd	Fin
	X	X	X 4
	X	X	. <b>X</b>
	X	X	X
	X	Х .	X
	X	X	X 1
	<b>X</b>	X	X
	X	X	X
	X	Х	X 5
	X	Х	Х 3.
	X	X	X
	X	X	X
	<b>X</b> 6	X	X
	X 5	X 5	X
-	X 4	Х	X
	X	X 1	X
	x	X	X
	X 2 3	X 2 6	X
	X 1	X 3 4	X 6
		•	

Predicts the running of the race via a "You connect the dots" type graph. At the finish you show #6, 3, 5, 1 as your top four. The actual finish was 6-3-1. Pretty good for someone who says, "I Don't Understand what the numbers mean

Since you omitted the most important readout: The unique Animated TROTIMATION graph, here is mine, along with my PAR/EX graphs.

#	NAME	bist.	2ND TIME	3RD TIME	FIN. TIME	2nd B/L	3rđ B/L	Stretch B/L	Final B/L
1 2 3	#6	8.5	100.2	131.2	210.3	1.50	1.25	0.00	0.00
	#3	8.5	101.2	131.2	208.2	2.00	1.50	1.50	2.25
	#1	8.5	100.2	131.2	210.3	0.00	0.00	0.00	6.25





A Women's Point Of View:

#### **KEEPING RECORDS**

by GINNY BUTLER

"Nothing can compare to what is learned by our own pain"

You must begin to trust yourself sometime. If not, you will always be asking those around you for their opinions and at the same time you will not only resent those who tell you, but you will destroy your decision making skills. Because you do not trust your imagination, you will not be able to understand the great clues it can give you on how a race will be run. Without this trust you stifle your own problem solving abilities and your creative expression. Howard Sartin once told me, that if I was afraid of my dreams, I was afraid of myself. One way to build self confidence is by keeping careful accurate records. One of the ways that I devised to beat myself up was my concern with my win percentage. It was a nagging, constant worry. Because I am a charter member I thought I was compelled to keep my win percentage 70% or better and I lost sight of the whole picture. I refused to take into consideration my average mutuel or my r.o.i. If I didn't hit the old 70% mark I considered the 20 race cycle a failure. I became obsessed with how I was doing instead of what I was doing. It began to take a toll on me emotionally and at the windows.

We all want to look good in the eyes of our peers, especially those who hassle us. I have wanted to shove a race down someone's throat, especially some egotistical male who sits behind you all day and asks you where you buy those tip sheets that have the little horses printed on them. Then at the end of the day, he says, "For a women you are a pretty good handicapper, almost as good as I am." That's when what I'm doing gets confused with the how I am doing. It must be part of the circus atmosphere that Howard talks about; that we as women especially encounter at the track. I found after a period of being a liberated women that it's easier to refocus on what you are doing (old habits die hard ) and say So What!!! Keeping your focus at the track is probably one of the hardest skills to learn. I was listening to Garry Owens on the Saratoga tapes and he was talking about what do you really want from the races. Do you want to impress other people with your win percentage, or do you want to make money? When you get side tracked refocus on what it is that you are trying to accomplish and ignore the ignorance of those around you. After all you are using the best method available, and if you don't truly know that's so, I suggest you find another way. Enclosed are my records for Long Acres last year. I don't select specific races to focus on. I take them as

they come and I will not usually work a maiden race with more than one first time starter in the race. I would really like to impress upon you the importance of keeping records. They help you accept the 20 races cycle, and help you overcome the good day, bad day emotions we are all subject to.

Many of you worry about the time it takes you to work out a race. It takes as long as it takes, period..... I am slower than most of the other charter members. It takes me about 45 minutes a race from start to finish. That is printing out my screens and having that race ready to go to the track. I would advise you to go at you own speed so your confidence level remains high.

Women who win at the track also find other area's of their lives becoming more decisive. I have found that in some other areas of my life I have become a force to be reckoned with. You will find yourself becoming stronger, and probably more outspoken. That's not bad as long as you stay opened minded and look at the whole picture.

Treat each 20 race cycle as a new beginning and GO FOR IT!

#### Long Acres - April to August - 20 race cycles

% WIN	AVE. MUTUEL	R.O.I
<b>76.4</b> •	11.20	2.63%
61.1	8.90	1.09%
66.0	8.80	1.40%
68.0	<b>6.37</b>	1.52%
50.0	11.08	1.25%
68.0	9.34	1.94%
<b>73.0</b>	10.20	2.32%
61.0	8.17	1.24%
<b>75.0</b>	11.50	2.38%
81.0	9.81	1.48%
70.0	9.34	1.43%
60.0	13.31	2.81%
70.0	10.73	1.83%
78.0	13.60	3.66%
57.0	12.30	1.99%

continued:

EDITOR'S NOTE: GINNY'S ROI'S RESULT FROM THE WAY SHE DUTCHED. BETTING TWO CHOICES EVENLY WOULD HAVE RESULTED IN DIFFERENT ROI'S. SOME HIGHER, SOME LOWER.

#### continuing:

%WIN	AVG. MUTUEL	R.O.I.
76.0	10.45	2.39%
73.0	9.28	1.51%
64.0	12.63	2.84%
76.0	9.60	2.36%
57.0	18.62	4.73%
72.0	11.04	2.40%
76.0	10.40	2.01%
81.0	12.17	3.34%

The following tenth race at Yakima is a good example of horses coming to a minor track from a major track after a layoff. It also has one of Howard's favorite bets. Look at Fleet. Almost all of his speed ratings were 80 or better, and his APV was the highest. One of the things I've noticed on the  $\Sigma$ NTROPY program is the PM has to be 92 or better and Fleet has only 89.

I don't know why I chose Mary over Natori in the eighth race, but I think that I was trying to match pace lines for the  $\Sigma$ NTROPY program and didn't see that it was his maiden race??? ? Who knows? I started the race at home and finished it on my half hour lunch and after work I set a few track records of my own. I ran to my car and got to the track. I set my own fastest sprint time from the gate to the window to bet.

It's a beautiful sunny day here today. The last day of the Yakima meet. Emerald racing starts the 8th.

was claimed by owner/trainer Dale Norwick. Trifecta 7-3-8: \$67.50. Exacta 7-3: \$43.80.

HANDLE - \$505,789. ATTENDANCE - 2,692.

EIGHTH-Purse \$3,500, 4 YO & up, filles and mares, non-winners 2, 120 plus 3, claiming \$5,000, 6

3. Pitch 'n Girl (G Mitchell) .............. 79.20, 25.80, 15.60 

 5. Natori (J Corrales)
 4.00, 3.60

 8. Grey Lace (L Farrell)
 14.20

Also ran (in order): Kootanay Cool, Three Peaches, Lake Creek Lady, Marvins Flashylady, Cool Heart, Impish Surprise, Mentha Bueno. T-1:12.1. Exacta **3-6: \$**426.80.

#	NAME	DIST.	18T CALL	2ND CALL	FIN. CALL	1st B/L	2nd B/L	Stretch B/L	Final B/L
1 2 3 4 5 6 7	read cal fleet jah kobuk barg	6.0 6.0 6.0 6.5 6.0	21.4 22.3 22.3 22.4 22.2 22.4	45.2 45.4 45.0 45.2 45.2 45.2	111.1 111.3 110.0 110.1 116.1 110.1	0.10 7.50 1.00 0.10 4.50 3.00	0.50 6.50 0.10 0.10 2.50 1.75	0.10 1.75 0.00 0.00 9.00 2.00	2.00 3.50 1.75 3.50 5.00 3.50
#	NAME	DIST.	18T CALL	2ND CALL	FIN. CALL	ist B/L	2nd B/L	Stretch B/L	Final B/L

# ENERGY GENERATOR

Name	Total	Hidden	Fx	Med	Lex	ESP Type
read cel fleet jah kobuk barg	167.33	63.64	66.42	69.36	30.64	Early
	165.78	65.07	65.98	68.33	31.67	S/P Presser
	169.86	66.02	65.51	69.36	30.62	E/P Presser
	168.96	65.87	65.56	68.95	31.05	S/P Presser
	169.03	65.75	65.98	68.69	31.31	S/P Presser
	168.94	66.16	65.42	68.79	31.21	S/P Presser

		TOOUT	LIĐO	.org
HIGH	>>>	169.86	69.38	31.40
AVERAGE	>>>	168.32	68.92	31.02
LON.	>>>	165.78	68.33	30.20

ENTROPY

Race: 032510 Dist = 6.0 FURLONGS Comments:

Name	Total	2ndCall	Par Med	Name	Total	Medi∋n	Dhe
road cal kobuk fleet jah barg	167.32 165.77 169.02 169.85 168.96 168.94	59.34 68.13 68.27 69.05 68.79 68.45	67.940 91.503 92.196† 59.518 90.701 91.611	barg kobuk jah cal fleet road	170.56 170.55 170.55 170.54 170.54 170.53	68.64 68.53 68.80 68.79 69.05 69.50	97.685 97.685 97.680 97.677 97.677

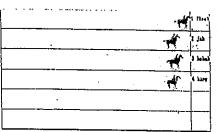
SORT DO/V COMPOSITE

Name	Ep/dv	P/dy	He/dv	Td/dv	Pm/dv	Total
road .	5	£	6	6	6	29 🗙
cal	6	5	3	4	3	91 🗙
kobuk	. 4	3	1	2	1	11
fleet	1	1	5	5	'5	17
jan	2	. 2	4	.3		15
barg	3	4	2	ī	9	12

USING ENTROPY
TO ELIHINATE
NO HCONTENDERS

#	NAME	DIST.	18T CALL	2ND CALL	FIN. CALL	let B/L	2nd B/L	Stretch B/L	Final B/L
120045	fleet jah kobuk barg	99999 0000	22.3 22.4 22.2 22.4	45.0 45.2 45.2 45.2	110.0 110.1 110.0 110.1	1.00 0.10 4.50 3.00	0.10 0.10 2.50 1.75	0.00 0.00 9.00 2.00	1.75 3.50 5.50 3.50

(Horses



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6 FURLONGS. (1.082) CLAIMING, Purse \$2,800. 4-year-olds and upward, which have not won a race since November 17, 1992. Weight, 122 lbs. Claiming Price \$2,500.

LASIX-Desert Road, Fleet Adanac, Jaheras, Grits and Split, Kobuk Valley, Bargain Land, Mac B. Nimble, Just A Country Boy. BUTAZOLIDIN—Desert Road, Honest Cal, Fleet Adanac, Jaheras, Grits and Split, Alanube, Kobuk Valley, Bargain Land, Wind N Hitide, Mac B. Nimble, Just A Country Boy, Smart Too, Keizer. Lifetime (1,22) 8. g. 8, by Cactus Road—Beam's Joy, by Truxton King 1229 \$ \$40,837 1991 11 4 2 2 Desert Road \$2,500 Br.—Gayno Stables (Cal) BAYER J D (437 67 61 65 .15) Own.—Lukenbill Robert R Tr.—Jenne Bonnie (65 15 8 12 23) 24 Wet 5 1 1 1 8-13 Polsweitz?4PrinceWelcom122[Aistracl122 No response 7
8574 GenetiKirk1274]ninceWelcom122[Aistracl122 No response 7
72-30 Chespas 122[Rangerover122]DesertRod122 Newpst close 5
8-17 Kobuk Vily 1824[auck5orys 1222Berghim 11] No malch 3
76-16 Ngg's Cp119-45[dExpress142]EscRythm 115 No malch 3
76-16 Ngg's Cp119-45[dExpress142]EscRythm 115 No malch 3
76-16 Ngg's Cp119-45[dExpress144]EscRythgrif 6 Gave way 15
8-17 Marshad 1150 Diamond Wedgel 122 Prime Power 122 Triec 6
74-18 Estliby Smbr 1151 Helphar 1121 190 R. Statil 9
77-16 Huslynf st. 119-4Northwest Test 1221 190 R. Statil 9
78-18 Estliby Smbr 1151 Helphar 1121 190 R. Statil 9
78-18 Estliby Smbr 1151 Helphar 1121 190 R. Statil 9
78-18 Estliby Smbr 1151 Helphar 1121 190 R. Statil 9
78-19 Call By Smbr 1151 Helphar 1121 190 R. Statil 9
78-19 Call By Smbr 1151 Helphar 1121 190 R. Statil 9
78-19 Call By Smbr 1151 Helphar 1121 190 R. Statil 9
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78-19 Own.— Lucenous Robert & 124156-92. 1916 1st 61 122156-92. 1916 1st 61 122156-92. 1916 1st 61 122156-92. 1916 1st 61 122156-92. 156-93 1st 61 12156-92. 156-93 1st 61 12156-92. 156-93 1st 61 12156 LB 122 LB 122 LB 122 .45 1:114 3 • Clm 2500 .454 1:113 3 • Clm 2000 .48 1:151 Clm 4000 .444 1:162 Clm 4000 LB 113 LB 119 LB 119 LB 119 LB 122 LB 119 19.20 1.40 17.10 8.30 10.70 4.00 444 1:187 452 1:111 452 1:11 :45 1:112 :453 1:103 :461 1:114 Clm 4000 Clm 4006 Clm 4008 :224 :22° Clm: 4000 Lifetime 1992 14 3 3 2 19 3 3 2 1991 5 M 0 0 122/02 \$1,799 Mar 14 YM 4f fst :491 B LATEST WORKOUTS Mar 21 YM 5f fst 1:022 B B. g. 5, by Right Time-War Flower, by Relics of Wars Honest Cal \$2,500 Br.—Schubert Rae (Wash) Tr.—Cronenwett Sam (3 0 0 0 .00) 25: HOOKAN D (373 33 25 4) .10) Own.—Cronenwett Sam T Bb 122 25.30 79-23 DeerniFire 11971 Doubl Absolut 1221 Doubloom 119 Late railty 12 Bb 122 33.30 78-13 Orthopedic Shos 1222 Drou Ahd 11971 mocni Pisur 122 Toed & 330e-92- 4734 gd 6f :23 :463 1:12 3:00m 2500 120e:32- 4734 gd 6f :231 :461 1:114 1:00m 3260 60 2 8 84 732 653 441 Hooman D 52 1 5 42 35 331 662 Hooman B 3-15 OhthowJust1221BoldDragon119mSchnipps121 No factor X 3122 Honest Cal1242 Big Foot241 Junior Patton14 8 8-19 MajesticPromise124HonestCl124Reb'sHomeBrew124 9 53 10 10 1013 69 57 561 Schubert R 53 7 5 451 21 13 15 Schubert R 53 2 8 651 43 312 22 Schubert R \*\*YCH32- 3PIa fst 1 :471 1:123 1:394 3+ Cim 3200 140:132- 4500 fst 17 1:292 3+ Cim 3200 151 654 1:212 3+ Cim 3200 b 124 \*1.20 b 124 \*2.00 1150 ByWilms1221WnsomWil1222ScholPcnc122 No factor 8 6.26 ByWilms1222WnsomWil1224CurousTrn122 No threat 6 11/1972 BPIa fst 65 :223 (454 )1:113 3+Cim 5000 13/1972 BPI3 Sty 61 :234 :482 1:16 Cim 4000 44 6 8 771 561 412 431 Schubert R 42 2 6 671 681 441 45 Schubert R 59 5 7 321 321 12 17 Schubert R 49 6 7 31 2 321 37 Schubert R 53 10 6 521 632 32 22 Schubert R (1) Honest Call (20) Dollie Lamma (24) Stormy Lovescep (24) 10 Intention | Drem (24) Dollie Lamma (24) Monest Call (24) Top Cough (24) Top Co 1:141 3 + Clm 5000 1:272 3 + Clm 3200 1:153 3 + Clm 5250 120 \*220 Wall- ES:Dist Ef 154-52- 4Sa0 fot 71 1940/92- ESuD fet fi Lifetime 1992 4 G 1 G 11 3 1 G 1991 5 2 G D \$16,551 Ch. g. E. by Defense Verdict-Suzanne's Delight, by Lt Stevens Fleet Adanac \$2,500 Br.—Northwest Farms (Wash) DAHLQUIST T.C. (71 10 5 8 .14) Own.—Glatt R & Holmes D & R Wet 1 1 0 0 Tr.-Glatt Ron (45 5 6 5 .11) 4.40 CseMn1197WicomPoint172~TbiForSix122 Cnecket 35 \*\*
4.60 22-11 Pmpror's Court Highright 1197 Colon Windows Wide tric \*\* \_\_ 7 3 21 \_ \_ \_ \_ Rojas D 55 51 11 8 84 63 88 85 Rojas D 55 16.11y92-101.ga fst. 64f :221 :451 1,172 2.11y92-101.ga fst. 6f :213 :444 1.103 LB 114 LB 111 Clm 5000 LB 116 S.10e 72-19 GoSeeSm116-Perpendiculr1161/SuperImptt6 Stouges V 1 117 400 (12) 17 GoSeeSm1221/FleetAdnc1171/EtralFir122 Game effort Sign 115-92- 91.32 gd 6f :214 :444 1:111 28M-92- SYM 5st 6f :223 (45) 1:10 62 5 6 44 451 8131071 Belvoir V T 66 2 4 21 2nd 13 213 Aragon V A Clm 15000 Clm 8000 13/22 DRghtBDdi1164CisscInstmat1164HildEngm119 Stoepes 8 13/18 CilMeD1164KnightInspctor1124GoSSm119 Lacked rally 7 \*120 11,1-91- 7Lga fri 6f :222 :46 1:113 19,hm91- 9Lga fri 61 :22 :443 1:162 19,hm91-Dead heal 42 4 4 11 2nd 331 8121 Boulanger G 72 4 4 42 45 451 482 Boulanger G B 115 \*1.20 B 1164 \*1.00 Clm 20000 CO FleetAdanac1814LordByron1224SpeedCrft.12 Driving 8 Sch Filddoc199CostFortn1224AhnysAKnght122 Drew out 9 Sch 22 Spc1Ch11814Trellingtgthr1229CrgsJsh119 Weakened 8 83 7 2 31½ 21½ 22½ 11½ Boulanger G 81 7 2 11½ 11 1¼ 14 Boulanger G 58 6 4 34 45½ 711 712½ Boulanger G 6.hm91-8.tga fst 6f :214 :443 1:104 27Nay91-6.tga fst 6f :222 :454 1:11 26.hm91-8.tga fst 6f1 :214 :45 1:18 8 119 \*5.70 Cim c-16000 8 119 12.30 8 119 11.00 Clm 2008 Alw 11000 \*550 (1) 13 T. D. Passer 1204 Bimini O' Morn 120 Gray Pagoz 120 120 331y89-161.ga fst 541 :214 :452 1:034 @Wsh Stins — 4 2 213 2nd 1nd 453 Orlega L E LATEST WORKOUTS Mar 21 YM 5f fst :583 H Lifetime 24 5 1 2 \$11,762 1993 .2 0 0 0 1992 12 3 1 1 as.1 Dk. b. or br. 9.5, by Maheras—Sio's, by Meme's Papa Jaheras \$2,500 Br.—Barratt Bonnie F (Wash) 122 MITCHELL & V (225 31 20 21 .14) Own.—Gillson Helen & Startin Darrel Wet 2 0 0 6 Tr.-Wright Kim (47 8 5 4 .17) BPH Jahras (DelSithlandschild Higher Australia (1822)

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BPH With Pat (1824) Knight (1824) Knight (1824) Dueled, tred 12 68 1 1 1nd 11 13 121 Rennaker L 64 7 5 12 11 12 11 Rennaker L 10 - - - Renaker L 36 7 4 321 32 6119015 Aharado P V 48 1 5 23 421 54 1891 Aharado P V LBA 125 1.80 LBA 122 6.80 LBA 122 1.10 LBA 119 31.80 LBA 118 36.80 | 100m32-7Pla fit 6f | 1224 | 466 | 1:113 | 3 t Clm 250 | 255mp2: SPla fit 6f | 1233 | 471 | 1:133 | 3 t Clm 250 | 45mp2: SPla fit 6f | 1224 | 455 | 1:113 | Clm 250 | 124mp2: Type fit 6f | 1224 | 455 | 1:113 | Clm 250 | 124mp2: Type fit 6f | 1224 | 455 | 1:105 | Clm 360 | 124mp2: Type fit 6f | 1221 | 452 | 1:105 | Clm 360 | 1221 | 452 | 1:105 | Clm 360 | 1221 | 452 | 1:105 | Clm 360 | 1221 | 452 | 1:105 | Clm 360 | 1221 | 452 | 1:105 | Clm 360 | 1221 | 452 | 1:105 | Clm 360 | 1221 | 452 | 1:105 | Clm 360 | 1221 | 452 | 1:105 | Clm 360 | 1221 | 452 | 1:105 | Clm 360 | 1221 | 452 | 1:105 | Clm 360 | 1221 | 452 | 1:105 | Clm 360 | 1221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 4221 | 422 Mar 19 YM 51 gd 1:823 B LATEST WORKOUTS 59 11 7 6 1992 4 0 0 0 519,243 **Grits And Split** Ch. g. 11, by King Of The Sex-Georgia Grits, by Grits And Grav, \$2,500 Br.—Smith S A 4 W A (Wash) CORRALES J (435 M 34 50 .11) Own.—Shields Bannie 122 Tr. Shields Bonnie (22 0 0 2 30)
52 8 1 2nd 2nd 34 32 Corrales J
50 8 2 22 23 32 44 Corrales J
43 9 2 44 41 621 951 Aragon V A LBb 12 12.00 Wet 7 3 2
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LBb 12 48.00 With Dudit 134 nonli 122 Usia Actor 136 yi 122 Weakered 3
LBb 12 45.10 Wide trap 10 10Mar93- TYM for Stf :232 :461 1:044 28Feb33- 3YM for 6f :23 (\$3) 1:102 19Feb33- 3YM for 8f :231 :463 1:053 Clm 2509 Clm 2500 — 2 1 30x 762 717 — Farrell L 24 4 3 421 44 671 6101 Nunoz O R 35 5 2 22 22 54 5111 Nunoz O R —— Clyd My Mn17 Fst Prantion 122 Comic 117 Distanced 7
77-15 Mariani Red 122 Super Salyr 122 Kelso's Bck 118 Outron 6 29Nar92-4YM fst 6f :231 :46 1:111 4Nar92-4YM fst 54f :23 :461 1:051 23Feb92-4YM gd 6f :231 :47 1:132 Cim 4000 Cim 2500 LB 119 19.10 LBb 122 9.30 Clm 2508 LBb 122 64-24 ClydMyMa1221L.C.Tough122}TrplA.Rtd122 Speed, tired 5 28662-278 fst St 523 -464 1.051 Clm 000 140ech 278 fst St 5231 -463 1.063 3+Clm 200 28664-278 my 61 -223 -473 1.063 3+Clm 200 28664-278 my 61 -223 -473 1.154 3+Clm 250 28664-278 fst 523 -473 1.053 3+Clm 250 28664-278 fst 523 -463 1.053 3+Clm 250 20 5 2 411 64 1012101111 Hanna B M5 56 1 2 2nd 21 10d 121 Aragon V A 48 2 5 421 25 1nd 111 Heunisch J5 SECT TOFForSx1227StopBrcrcy119/SpmshHwik122 Brief speed 16
CAP2 GetsAndSpdt2224CosfForta119-MckMs122 Drew clear 10
GE-34 Grits AndSplit1714LotaTime1274RawSteelt22 Driving 8 LBb 112 LBb 122 LBb 117 39 2 6 43 42 23 313 Heunisch J5 LBb 117 550 72-27 Mgg'sCp12212/Shbir1221GrtsAndSpit117 Saved ground 11 Jan 31 YM 54 sty 1:052 B 40 72 16 9 LATEST WORKOUTS Feb 13 YM 5Hy 1:073 B Ch. g. 6, by Ballant Act—Our Dana, by Eager Eagle LifeLime Tr.—Fields J & Partners (Wam)

Tr.—Fields James V (56 2.5 7 M)

41 5 9 911 912 912 871 Bryson D

51 6 9 3011/02/051 42 Bryson D

50 6 2 5 772 612 714 8222 Hayashi M S

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60 1 30 3 3 1 \$5,058 1992 22 3 3 0 \$2,500 Br.—Fields J & Partners (Wash) NO RIDER (-) 122 Own.—Ootquist C & Fields J 28ee53 - YM fit 16 : 23 : 453 | 1.102 19fe593 - YM fit 15 | 231 : 463 | 1.653 13fe603 - YM fit 15 | 513 | 1.191 | 1.653 13fe61 - YM fit 6 : 233 : 443 | 1.652 23 | 1.653 | 1.653 | 1.653 23 | 1.653 | 1.653 | 1.653 | 1.653 13fe61 - YM fit 6 : 231 : 447 | 1.143 13fe61 - YM fit 16 : 231 : 445 | 1.143 15fe61 - YM fit 16 : 231 : 445 | 1.164 \$b 122 \$b 122 Clm 2500 Clm 2500 Clm 2500 85 121 22.8 85 121 22.8 85 131 18.10 85 122 9.89 85 122 24.50 85 122 34.50 Clm 2500 Clm 2500 Cim 2500 4-2 Running Arbiet289 Classic BiRt2819 Katjunt28 Faded 10

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57-32 BgBdWoH1819HrborPrinct289WicmCncir 120 No factor 18 115 31.99 122 28.99 121 13.59 32 3 6 58 571 612 724 Hayashi M S<sup>3</sup> 49 6 8 761 871 911 591 Schlenz L 51 9 8 77 771 871 7101 Best F 230ed2- 9YM my 1½ :492 1:154 1:491 3+Cim 2500 50ed2- 9YM ist 1 :463 1:111 1:372 3+Cim 2500 27Nord2- 9YM qd 1 :493 1:144 1:421 3+Cim 2500

Kobuk Valley GRESALVES FA (128 15 % 12 .11) Own.—Ross Sharon	Ch. g. 7, by Kob \$2,500 Br. Tr.	buk Country—Ole Penin, by Indian Her r.—Stark M D (Cal) r.—Ross Sharon (38 9 9 4 23)	ار المام علم 122	Lifetime 31 5 5 4 \$38,643	1992 9 2 1 0 \$5,965 1991 8 2 1 0 \$7,463 Turf 1 0 0 0
Bargain Land	Cim 5000 8 Cim 5000 6 Cim 5500 7 Cim 5500 7 Cim 5000 7 Cim 4000 6 Cim 5000 5 Cim 5000 5 Cim 5000 5 Cim 5000 6	88 8 4 34 421 612 75 Malgarisi I I 87 1 3 7 75 66 331 124 Hansen R D 66 8 6 65 515 15 331 421 Doocy I T 63 1 5 67 64 711 744 Malgarisi I II 70 7 7 42 323 34 21 Betroir V T 67 1 10 84 64 531 11 Betroir V T 67 1 2 54 33 204 524 Betroir V T 56 9 8 109211410151034 Baze G 64 3 7 531 422 411 11 Baze G Feb 12 Don hr.1 57 81 1084 8 rgain Day—Satis Superque, by Promise r.—Fogetson E E (Cal)	LBb 119 72.01 LBb 114 2.70 LBb 117 7.60 LBb 116 *1.80 LBb 116 2.740 LBb 116 3.00 LBb 116 11.99 LBb 116 3.00 LBb 117 11.99 LBb 116 3.00 LB 122 5.30 Feb 2 Den tr.t	(3)77 Kobek Vily 1892(1) 2-11 Cisscinstati ViSp (1)8 Colfre 177 (179 Veter) (2)4 Kobek Vily 122 Vinn 77-21 Wstrn Nfty 119-98 71-21 Cissy Field 222 Soft 77-20 Kobek Valley 122 (4 4 gal 1344 B Lifetime 81 10 16 11	ADODIAbsolttZZ#CITiptZZ Weakened 9 ckSrpstZZBBORythm172 Drew clear 12 month4fk/ritar/hutfi Wiffe ld/ tun 8 Shdowf17Whthdefsstp:114 Gare way 9 jv/j 16P#Indsor'sfrsnt184 Closed well 12 scortzZ9Sponochil ZW Wide stretch 12 RRdd1ZZ#IMSsngr115 Weakened late 13 cortzSSms11WebleForSsix 180 Journa 18 cliStr11WEKnght'sGldy186 No factor 12 crystalKite1ZZ\$ClassyField1ZZ Driving 9  105 76 2 2 1993 5 0 2 2 1993 1 5 1 5 5 5.28
2250:32- 5YM 31; 6: :233 :474 5:141	Cim 4000 Cim 4000 Cim 2000 Cim 2000 Cim 2000 Cim 2000 Cim 2500 11 Cim 2500 11 Cim 2500 11 Cim 2500 11 Cim 2500	7.—Garza Val (50 3 4 8 nb) 26.  58 8 1 2 vd 104 3vk 22 vd 8 nyson D  56 8 1 3 13 32 31; Unsihuay A  56 10 1 572 62 31 33; Unsihuay A  45 2 2 3 vb 2vb 33 48; Unsihuay A  57 7 5 5 4 42 44 44 44 Mosoz O R  61 3 2 54 33 23 22 Munoz O R  58 10 5 77 32 44 551 Munoz O R  55 10 5 73 32 44 551 Munoz O R  55 10 3 2 4 47 33 46 510; Hayashi M S  33 2 4 47 33 46 510; Hayashi M S	LB 122 E40 LB 122 16.80 LB 122 5.90 LB 122 7.30 LB 122 7.30 LB 122 13.40 LB 123 13.40 LB 137.00	C9-16 SupremHigh122/E 20-34 OrthpocShs122/m1 14-18 SirSssify122/m1 Dro 63-30 McconRpp122/Ah 12-31 Gecamy122/m1a 14-30 Spiper122/BrginL 14-31 SpankyBoy11921J 15-31 SpankyBoy11921J	Wet 13 1 4 0 33.957 righin,dni214/Tolfor3122 Wide trip 10 Mills-FisiziPern.Indi22 Quickeed late 8 uAhd12248rgal.ndi22 S-wide stretch 10 rodul121/(ContyAgont22 S-wide stretch 10 rodul121/(ContyAgont22 S-wide stretch 10 rodul121/(ContyAgont22 S-wide stretch 10 rodul121/(VontyAgont22 Closed welf 10 ndi221/44/Kindy/SBoyt22 Closed welf 10 ubhezoltziPornBon119 Weakeed 16 ubhezoltziPornindi11 Closed evenly 9 twitol194FiyingFriendly122 No factor 7
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O'AMICO D L (117 16 20 M M) Own,—Gordon Jim & Seeman Chack	70-7 \$2,500 B		ಜ <sup>,ಒ</sup> 12:	34 2 2 8 2 \$8,431	1982 13 1 0 3 \$2,504
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Mac B. Nimble	Ch. g. 7, by Cr \$2,500 <sup>B</sup>	rafty Native—Miss Malt, by Ross Sea Br.—McDowell Mr-Mrs L W (Wash)	11 خ	Lifetime 52 6 5 3 75 \$42,959	1993 2 0 0 0 573 1992 10 0 2 0 \$1,495 Turf 2 0 0 0
Own.—Gibson Ca-Millistarry&Veratene 14Mar33- 1770 fst 5f :232 :46 - 1:102 24Jar93- 77M si 6f :234 :479 1:14	Cim 4000 34 Cim 2000 34 Cim 4000 Clm 4000	Tr.—Gisson Charles (66 9 4 4 .14) 41 410 104;106 79; 72; Pollt K 43 5 4 46; 45; 46 53 00ll K 43 9 4 56 35; 35; 36; Doll K 47 9 7 72; 87 89; 96; Gann SL 33 4 2 31 44 24:107; Alvarado P 50 5 7 74 72; 31; 71; 71; Alvarado P 50 5 7 74 74; 31; 71; 71; Alvarado P 43 5 4 66 79 710 511; Consalves F 49 2 5 57; 63; 711 811; Frazier RL Mar 6 YM 5ftst 1:621 8	LBb 122 54.50 LBb 119 5.50 LBb 122 17.50 LBb 133 17.50 V LBb 122 35.30 V LBb 122 12.40 LB 122 19.70 A LBb 136 35.80	© 30 SupremHigh1227 64-31 Saiper1132Grano 64-31 Saiper1132Grano 64-31 Saiper11321Ph 65-13 HnLShnk1139-B 68-33 EtrniFr122Swit 77-17 CeremonilSword 75-17 KobukYiley1227 71-22 Hiltomotingan 158 71-22 Hiltomotingan 158	Wet 4 6 0 2 52.83  RejnLndf224TblForSirtt22 No factor 10  Priztad1934WelcomePoint119 Outrun 5  moGry1225McB.Mmbl122 Lacked rally 10  ickRirier1154AbregounDuk119 Outrun 11  ickRirier1154AbregounDuk119 Outrun 12  strend1224Abreshot 122 Outrun 12  strend2274Cptint-ellit2 Outrun 12  strend2274Cptint-ellit2 Outrun 12  strend2274Cptint-ellit2 Outrun 12  strend2274Cptint-ellit2 Outrun 13  strend2274TmSpript118 Tured rail 5  'mSuprDupr14M*Ort's Ccd117 Faltered 8
Just a Country Boy	\$2,500 <sup>1</sup>	g. S, by Paggs—Tides Flight, by Windy Br.—Jacobs R & Sesan & Wilson D &	R (Wash)	Lifetime 32 4 8 6 3 - 33,131	1393 3 0 0 1 \$486 1392 15 2 6 3 \$3,405
30ct32-7Pis 5th *6f :232 :47 4:18 20ct32-8Pis my 6f :232 :47 4:13 10ct32-8Pis ist 6f :223 :46 1:11 20xp32-2PM fst 6f :223 :46 1:13 LATEST WORKOUTS Feb 19 YM	Clm 2500 Clm 4500 Clm 4500 34 [SClm 2500 34 Clm 2500 Clm 2500 Clm 2500 56 fst 1:814 B	Tr.—Balcom Cliff (13 1 1 3 .89) 43 6 2 44] 734 75 751 Allen M 43 6 2 44] 734 75 751 Allen M 553 3 4 571 542 554 554 Mitchell G 53 3 4 571 542 554 532 Unsilmay A 34 9 1 204 53 99 8001 Corrales J 41 18 4 3 14 25 554 864 F 27 3 3 44 551 712 513 Rennater L 41 4 7 32 33 34 Best F 41 4 3 41 4 34 37 Best F 4 5 44 59 914 9232 Best F 57 2 5 322 31 104 11 Turner B L 6 Feb 13 YM 4f by :521 8	LB 122 35.10 LBb 118 39.30 LBb 120 41.30 LBb 122 2.40 LBb 122 17.30 LBb 122 25.60 LBb 120 12.80  • Feb 3 YM	84-12 ÓrouAhed12213 86-19 SupremeHigh12 88-08 WstrnOd12213A 88-19 MrSiln1132pHM 83-25 OreToPss1132PH 85 — WidAllyCt12218 73-22 SmthrSin1145c 74-28 Stbblkddtk 1231 17-14 Jaheras12023Sii	wet 4 0 0 2 5507 mitToo!U2\MisterPpg6.122 Wide brig \text{W} 22\mathbb{Baspint.ndt2\text{PibleForSu122} Evenly 10 contli22\text{MisterPpg6.122} Closed well 8 str8nt122\mathbb{Baspint.ndt2\text{PibleForSu142} Closed well 8 str8nt122\mathbb{Baspint.ndt2\text{MisterPpg6.122} Closed well 8 str8nt122\mathbb{Baspint.ndt2\text{MisterPpg6.122} Closed well 8 d\text{MisterPpg6.122} Closed well 9 d\text{MisterPpg6.122} Closed well 9 d\text{MisterPpg6.122} Saved gocund 7 closed to the total closed of the total closed file d\text{MisterPpg6.122} Closed file d\text{MisterPpg6.122} Closed file d\text{MisterPpg6.122} Closed well 9 dMisterPpg6
Smart Too DOLL'K (271 25 23 .W) Cover—Eilsen Mr—Mrs Elwin	\$2,500 <sup>1</sup>	g. 6, hy Smarten—Berta Flora, by Rob Br.—Kem Diane C (Wash) Tr.—Elisen Visce (91 15 11 13 ,16)	en. 12	38 3 5 6	1993 7 0 2 1 \$1,736 1992 11 0 2 1 \$5,961 Wet 1 0 0 0 \$234
20lbr31-1YM fst 8f :232 :461 1:10 78br33-1YM fst 6f :224 :45. 1:10 20re33-5YM fst 6f :223 :453 1:10: 15fe83-3YM gs 6f :243 :474 1:13 20_br31-1YM sty 6f :01 1 :14 20_br31-1YM sty 6f :01 1 :14	Clm 2500 Clm 2500 Clm 2500 Clm 2500	52 1 3 1hd 1hd 1hd 213 Doll K 53 5 2 31 32 323 31 Doll K 54 2 8 32 21 33 514 Doll K 25 1 6 741 841 741 6113 Hayashi M 43 3— — 461 453 Hayashi M	8b 122 *1.00e 8b 119 6.90 8b 119 15.60 SS Bb 114 16.40 SS B 115 2.50	SO-IG PlermoGry1223 SS-IG OpriWrd11913M 12-24 NobleSmson122	SmrtToo1221MisterPopG.122 Game try 10 id Ssifty 122*SmrtToo119 Always close 9 stBar 159*Fissn'NJsm122 Weakened 5 Mister Bynner 11924Keizz 119 No factor & IslnActn1205PJSN120 Finished evenly 6
18.1m23-99M fst 1 :481 1:123 1:38 2.1m23-39M fst 6f :233 :464 1:12 110ec32-39M fst 6f :23 :46 1:11 2340c32-39M gd 6f :241 :474 1:14	Clm 2508 Clm 2500 3 3+ Clm 2500 1 3+ Clm 2500 2 3+ Clm 2500	48 2 4 66] 54] 45] 69 Corrales J 55 7 5 55 54 55 21 Corrales J 65 3 1 63] 53] 42] 2] Corrales J 43 6 8 66] 59] 66] 49] Corrales J 35 1 5 65 65] 57 58] Roll M T5	LBb 128 *3.00 LBb 122 *1.40 LBb 122 5.00 LBb 119 6.10 LBb 117 3.50	82-15 PlermoGry12235 84-18 NshvillSnghr120 62-29 GrndPrsLd1194	ripiCiwt204NightDe/ft120 Saved ground 10 imrtToo122**TripiCiw122 Finished fast 9 45mrtToo122*43/ashtry1122 Closed well 15 WhoTfMod10494DonBon119 No factor 15 ClTought2245eeThMrtib122 Ne factor 6
Keizer corrales 1 (co 10 M SI .18)	\$2,500 <sup>1</sup>	sake Oil Man—Flying Ky, by Flying La: Br.—Boucher Louise & Ray (Ore)	* 12	Lifetime 24 3 3 4	1993 7 0 0 2 51,407 1992 17 3 3 2 54,334
Own.—Beacher Ray 138:d3 - 5714 fot 6f 1:224 1:46 1:10 26:e6:3 - 5714 fot 6f 2:223 1:45 1:10 16:e6:3 - 3714 fot 6f 2:223 1:47 1:13 13:a6:3 1714 fot 6f 2:23 1:47 1:13 13:a6:3 1714 fot 6f 1:11 1:37 13:a6:5 1714 fot 6f 1:11 1:37 13:a6:5 1714 fot 6f 1:223 1:46 1:12 18:be:22 7714 fot 6f 1:223 1:46 1:12 18:be:25 5716 fot 6f 1:224 1:45 1:12 18:be:25 5716 fot 6f 1:224 1:45 1:12	Cim 4000 Cim 2500 Cim 2500 Cim 2500 Cim 2500 Cim 2500 Cim 5000 Cim 5000 Cim 5000 Cim 5000 Cim 5000 Cim 5000	Tr.—Jarvis Pat (106 to 14 21 .09) 31 1 3 1 № 31 8 8 10 12 Corrales J 31 1 3 1 № 31 8 8 10 12 Unsihuay A 41 8 1 1 10 34 22 35 Unsihuay A 75 6 2 ha 34 5 15 5 Winnett B 57 2 4 43 42 37 31 Winnett B 6 3 44 51 18 17 — Corrales J 42 6 1 .11 27 33 5 8 Corrales J 50 6 5 31 52 65 57 Lacoursies -0 212 1221 1231 2432 1250 Boag D R 9 2 5 21 32 33 5 8 Boag D R	L9 122 35.00 L8 119 18.10 L8 119 7.10 G.Jr L8 117 9.40 G.Jr L8 119 54.90 L8 120 19.10 L8 120 8.00	25-99 Oprtr Word 1223; 79-09 Oprt Word 1193; M 68-24 Moble Smson 122 38-33 Sure P pp 1194 Ru 74-20 Ok's Lt LLA cora!	Wet 4 1 0 2 \$1,537 synthipsol 221 Marman Fret 22 Lace 2 3 7 5 synthipsol 222 Marman Fret 22 Lace 2 3 7 5 synthipsol 232 March 232 Space 2 2 2 2 Maister Bywer 1932, Kein 119 Wesselver 6 maister Bywer 1932, Kein 119 Wesselver 6 March 250

KINETIC BENERATOR

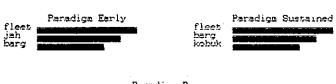
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			ENERG	Y FACTORS				•
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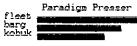
EXDC

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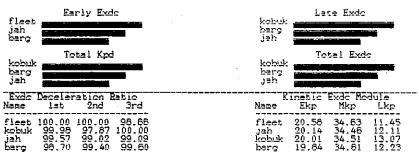


EXDC PARADIGM





#### EXDC & DECELERATION







8Hov92- 1Pla sly 8f :231 :48 1:161 @Md 5000

6 FURLONGS. (1.082) CLAIMING. Purse \$3,500. Fillies and mares. 4-year-olds and upward, which have never won two races. Weight, 120 lbs., non-winners of a race since November 17, allowed 3 lbs. Claiming Price \$5,000.

LASIX—Three Peaches, Lake Creek Lady, Pitch 'n Girl, Kootanay Cool, Marvins Flashylady, Natori, Impish Surprise, Cool Heart, Mentha Bueno, Devoted Leader.

BUTAZOLIDIN—Three Peaches, Lake Creek Lady, Pitch 'n Girl, Kootanay Cool, Marvins Flashylady, Natori, Impish Surprise, Grey Lace. Cool Heart. Mentha Bueno. Devoted Leader.

	ey Lace, Coo									iri, Kodi	MNA)	Ç.	JI, MI	AT ATE	s r iasti	JIKUJ	, na	.v: 1,	21111þ	11311 9	en hi r	30,	9170
	ree Peach				B. m. 5, by (	Gallant E	est—Ti	wee Mi	sses, by	Third Mar	tinį,	5			Lifetime		1553	4 6		e1		164	$\overline{}$
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		€ \$5,000	f. 4, by Leroy S—Grand Allure, by Pre Br.—Oak Crest Farm (Wash) Tr.—Ross Sharon (39 9 § A 23) 43 2 3 23 23 33 43ECorrales J 50 2 3 21 21 22 23E forrales J 41 1 3 21 33 511 572 Doocy T T	. 4		992 11 1 2 urpris1211CoolHrt12 sNSpirit120JNtori1	10 No response 10 17 Good effort 8
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	Impish Surprise		f. 4, by Imp Society—Sagittarius Gal, 1 Br.—Harter & Jones (Ky)		14 1 6 1 1	953 1 0 1 952 5 1 1	1 \$1,025
	Own.—BuchowiczPaul&Pattersc 3Mar93-10YM gd 5½f :232 :46 180ct92- 18M fst 1 :472 1:12 10ct92- 48M fst 1 :473 1:12	onDean 3 1.071 ⊕Clm 5000 4 1.394 3+⊕Clm 5250 7 1.391 ⊕Clm 5250 5 1.11 3+⊕Clm 5250 11 1.402 ⊕Mo-20000 11 1.402 ⊕Mo-20000 11 1.402 ⊕Mo-20000 11 1.393 ⊕Mo-20000 14 1.393 ⊕Mo-20000 14 1.393 ⊕Mo-20000	Tr.—Asmaker Peter (14 1 2 2 J7) 49 5 8 88 48 48 55 214 Hoonan D 40 4 6 6 74 791 710 714 Hera R Q 55 7 6 65 65 445 37 Hera R Q 39 1 8 815 815 813 812 Boolkager 49 7 8 815 818 817 815 817 Edudice J C 62 6 6 54 21 144 144 Baze R A 33 5 4 321 22 25 26 Baze R A 55 1 6 681 35 24 24 24 Baze R A 55 1 6 681 35 24 24 24 Baze R A	LBb 121 11:90 LBb 117 5:40 LB 116 11:80	76-25 CivrTint201ImpishSur 57-19 BilrnSt11211GLssMm11 70-24 Chrt.L119e-ShOBHod 68-18 Olda'sOpinion1214Fst 72-17 MeritsWyrHolme1172 68-34 ImpshScrps117PImpshSt 22-30 PoisdEgi117PImpshSt 67-24 SkywikrWiks1174Jm1	1164MssPrinis121 1164ImpshSepes116 Frinds12113Powroft Blly'sStrit1174Chrry ich1174Etclvr117 irpcs1174NotorousD oshSepes1174GtO'W	Finished fast 10  Bumped break 8 Wide late bid 7 (wo121 Outrun 8 Rallied far wide 8 ma17 2nd best 6 latts 2nd best 6
	6Nov91- 6BM fst 6f :224 :46		40 8 5 871 710 611 461 Ólansen R I Feb 20 YM 41 fst :482 H		73-18 SttlDlight11713Hvn'sF 4f by :542 B Fe	Plsur117]Antriority1 B G Y M 4f sl :5	
	Grey Lace FARRELL (19559.16) Own—Bar C Racing Stables		Prince Don B—Lace Corset, by Young Br.—Buenaventura Jaime A (Cal) Tr.—Christopherson Pam (1 0 8 0 .0	3	9 1 1 1	1992 5 1 1 1991 0 M 0 Wet 1 0 0	0 6170 (1.11)
	90ct22-3Pla fst 8f 223 4 2Ssep2-3Pla fst 8f 223 4 2Ssep2-3Pla fst 8f 223 4 28sep2-7Pla fst 8f 224 4 18J1y22-1Pla fst 8f 223 4 2Sayr22-10SuD fst 8f 18yr22-2SuD fst 4f 2Slyr22-5YM fst 5f 223 4	193 1:203 34 ⊕Cim 5000 163 1:112 34 ⊕Cim 4000 164 1:172 34 ⊕Cim 4000 164 1:172 ⊕Cim 5000 165 1:123 ⊕Cim 5000 1:232 34 Md 59 Wt 1:61 1:061 ⊕Md 8000 ar 20 YM 5f fst 1:003 H	30 1 2 431 44 33 46 0 Best J E 32 2 6 47 37 28 2140 Best J E 27 3 9 681 47 471 49 0 Farrell 1— 1—————————————————————————————————	Bb 122 4.60 .Bb 122 10.70 Bb 120 13.50 Bb 120 13.40 4 Bb 120 15.40 8b 120 5.90 V 120 *1.60	62-28 DogysCrity128jDivin 78-14 MrxinsFirldy1174G 70-21 YakimasLady1179Uni — GoodbyFoAll12041 18-10 Red Cadillac129fVali (83-86 GryLc1204FingMitch) 74-10 QuennnsRrng130Lu 22.10 Steel Finale122 No 77-13 LotsGris1883AiwysN	reyLce 1223HighHLL brokenLws 1221‡Fire mBossy 1231‡SwiLil ri'sPet 1204Tomato 22™PppsMrrr 120 ckyLdyLrk 1252‡Silv Income 1241‡Grey b Sprt 118™Txrcnd 118	ouil17 2nd best 10 Cone117 Evenly 10 Ic120 Lost rider 8 Borifted out 3/16 9 rEnggmnts124 10 Lace115 19
	Cool Heart	\$5,000	. f. 4, by Cool Halo-Okation, by Tenka BrRita & Stables (BC-C)	<sup>ton</sup> ∖ 2> 12	19 1 1 5	1993 6 1 0 1992 13 M 1	2 \$2,307 3 \$3,725
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	. <del>-</del> _	-	Post Position (	_	Lifetime	1993 4 0 G	0 530
		\$5,000 474 1:143	Mr Leader—Devoted Daughter, by Nash Br.—Thomas P. Whitney (Ky) Tr.—Charke James (13 0 0 0 00) 8 6 9 910 913 916 9154 Bayer J D 27 4 5 564 744 902 964 Allen M	11 LB 117 1270 LB 117 7.10	12 1 0 5	1992 B 1 0 Fishyldy 1201 The Pei	5 <b>\$6,165</b> hs120 No threat 18
	19Feb93- 1YM fst 1 :48 1: 17.Lines3- SYM fst Sijf :224 :	131 1:401 ØCim 5000 46 1:05 ØCim c-5000 sky Joe, Ross Sharon Traine	36 7 6 76 99 86 854 Allen M 47 1 8 812 812 84 54 Baze G	LB 117 *2.70 LB 120 &10	72-16 KokomRn122**Ochs B4-12 Scndtmschrm120*14	sScrs (183MsTgrss).	20 Showed little 10
	23Aag92-11Lga fst 1 :472 1: 12Aag92-2Lga fst 64f :222 :: 30Jly92-6Lga fst 64f :221 :: 10Jly92-6Lga fst 64f :213 ::	452 1:174	49 11 10 991 773 982 732 Malgarini 51 56 712 831 333 361 Malgarini 51 2 7 71012 67 473 322 Hansen R 53 8 11 1112 793 343 12 Hansen R 42 7 10 891 741 423 311 Belveir V 50 8 7 713 712 781 381 Hansen R	T M L8 118 7.60 D LB 118 3.50 D L8 115 *1.20 T B 118 *2.40	78-16 BlindInvstmat 11821 73-17 J.D.'sLeder 1152SyGr 74-12 MyGrIBbb1154SyGr 74-20 DvotdLdr 1152MctsC 73-17 UtsldyBy1184JthLdy 82-06 MyDyTn1187Psqulin	ceFirst11541DvotdL cFrst115**DvtdLdr! hoc1161MystrsMdm rSngs118**DvtdLdr!	or 118 Mild rally 10 118 Closed well 10 116 Drew clear 11 118 Closed well 12

#	NAME	DIST.	1ST CALL	2ND CALL	FIN. CALL	1.st B/L	2nd B/L	Stretch B/L	Final B/L
1	peach	6.0	<u> 23_1</u>	46.3	112.1	7.25	3.25	2.50	2.50
2	lake	6.0	23.0	4 <u>6.1</u>	111.2	1.00	3.50	4.50	6.00
3	pitch	6.0	23.3	47.1	112.3	4.50	3.00	1.50	1.00
4	marv	8.0	23.1	46.3	112.4	0.00	0.00	0.00	0.10
5	nator	6.0	22.1	46.0	111.4	0.50	1.00	1.50	0.50
6	cool	6.0	23.0	46.1	111.2	9.75	9.75	6.75	5.25

#### RAW ENERGY FACTORS

Total	Hidden	Fx	Med	Lex	ESP Typ≘
164.42	66.07	65.19	68.48	31.52	S/P Presser
165.67	65.63	80.88	68.79	31.21	S/P Presser
163.64	55,04	65.42	67.80	32.20	Suspained .
163.67	65.00	65.30	68.98	31.02	Early
165.99	64.45	66_87	69.37	30.63	E/P Presser
165.69	66.55	65.63	68.13	.31.87	Sustained
	164.42 165.67 163.64 163.67 165.99	164.42 66.07 165.67 65.63 163.64 66.04 163.67 65.00 165.99 64.45	164.42 66.07 65.19 165.67 65.63 66.08 163.64 66.04 65.42 163.67 65.00 65.30 165.99 64.45 66.87	164.42 66.07 65.19 68.46 165.67 65.63 66.08 68.79 163.64 66.04 65.42 67.80 163.67 65.00 65.30 68.98 165.99 64.45 66.87 69.37	164.42 66.07 65.19 68.46 31.52 185.67 65.63 66.08 68.79 31.21 163.64 66.04 65.42 67.80 32.20 163.67 65.00 65.30 68.98 31.02 165.99 64.45 66.87 69.37 30.63

#### ENTROPY

Race:	032508	Dist =	6.0 FURLONGS	Comments: n/	'⊎in/2		
Name	Total	2ndCall	Par Med	Name	Total	Median	Dte
nator	165.98	68.61	89.554	nator	166_39	68,79	97.771
lake	165.66	67.83	91.947	seel	166.18	67.54	97.852
mary	163.67	68.24	88.904	lake	166.17	68.19	97.844
peach	164.42	67.47	92.130	neach	165.33	67.80	97, 151
cool	165,68	66.53	95.746	<u>הפיי</u> ע	164.83	58.24	96.854
pitch	163.63	66.77	94.334	pitch	164.80	67.07	98.840

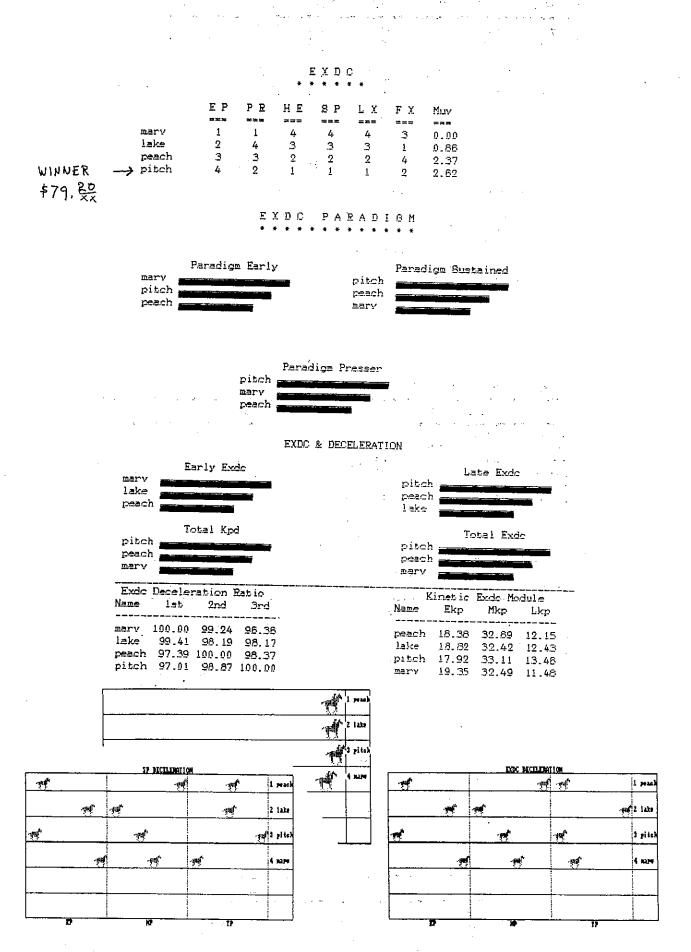
#### ENTROPY

••	F 1	latchup F 2	FЗ	Deceleration Pars					
Pace	35.59	34.34	31.85	Name	Mp/dv	He/dv	Td/dv		
nator	35.59	33.20	30.72	nator	96.37	92.53	86.31		
lake	34.33	33.87	31.19	lake	98.81	92.05	90.85		
mary	34.27	33.98	30.33	marv	99.57	89.28	88.52		
peach	33.47	34.34	31.08	peach	100.80	90.51	92.87		
cool	33.41	34.13	31.85	cool	99.57	93.32	95.33		
pitch	33.23	33.84	31.49	pitch	100.46	93.05	94.78		

Name	Ep/dv	P/dv	He/dv	Td/dv	₽m/dv
nator	99.928	97.566	98,159	97.336	97.337
lake	100.018	99.320	98.764	99.351	98.710
mary	100.520	99.394	96.672	97.340	96.552
peach	100.315	98.710	98.184	99.791	98,592
cool	99.295	97.828	100.151	101.733	100.803
pitch	99.715	98.290	99.514	101.008	99.848

#### SORT DO/V COMPOSITE

Name	Ep/dy	P/dv	He/dy	Td/dy	Pm/dv	Total
nator	4	£	.5	ß	5	26 X
lake	.3	2	.3	Ļ	3	25 X 15 <b>+</b> 10 X
mary	<u>1</u>	1	ē	.5	6	19 X
peach	2	3	4	.3	4	16+
cool	6	5	471	1	<u>t</u>	14+
pisch	.5	4	2	2	2	<u>15</u> +



# Vaughn Youtz



#### SANTA ANITA

1 MILE. (1.33) CLAIMING. Purse \$17,000. 4-year-olds. Weight, 120 ibs. Hen-winners of two races at one mile or over since November 1 allowed 2 lbs.; of such a race since December 1, 4 lbs.; since November 1, 8 lbs. Claming price \$16,000; for each \$1,000 to \$13,000 allowed 1 lb. (Malden or races when entered for \$12,500 or less not considered.)

				Teachar Teachar	-			
	LASIX—Haloshine, Farbe Affair, Liberty Offiftysix,			ligging Monarc	h, Prime Gi	ade, Malagord	a, Boldandcayeriess, Pirai	e's
	Haloshine			At Home, by Round	Tabia	Lifetime		1,225
	SOLIS A (D S IS S M)	\$16,000	Br Mill Aldge Fa	uma Libil (Ky)		12 1 21 27 122 A	0 1961 4 1 1 8 12 Terf 3 8 8 8	L 158
	OwnScharbauer Daruthy	·	Tr Yan Berg Jac		11	.4		
	250c52-55A gd 1/4 46 1 104 1.4 150c52-1861 lst 1/4 47 1:111 1 4		62 2 1 41 51 65 2 4 43 44		136 15 400 140 15 130		PIShba16⇔JaParS16 - Lacked room Hiloshia16°ISomCNIUzz16 - Good effi	
	50×12 3Holfill 14 65 111 1	13 Clm 25000	72 1 4 31 31	SP SP McCarron C.S	1 LB1-15 F4	# H leyCuddle118	Roofleinionilishormits Weakened !	le 7
	200ct02-554 fst 15 :462 1-111 1 2 50ct02-754 fst 1 :462 1 101 1 1			54} 59° Fuertes J.AS 713 8131 Delahoussage			rthraTrct11778&Pblshr115 4-mide stret h1174SEerClivr117jTrblntKrs120 Falter	
	30ct 32 - 75 A fist 1 - 467 1 101 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		•	Pro North Velet J.A. Jr.	LIS IN CIN		au's Eachall 191] Air Music-Fr 122 Falter	
	111112 Elol In 14 () 64 1:11 1.				LIS 121 2 L30	77-13 OcaDatZB Hd	lsS&c1104EtrThPV120 Wide backstret	ch I
	704-12-8Hol Im 1% (D.47) 1:11) 1:		•	77] 713] Delabourage		-	nini, altisktus MicCliT - Wide inckstret	
	- 244651- 2Hol for 14 - 441 1-13 1- - 260::11- 658 for 14 -:47 1:12 1:1			14 18 McCarron C 1 22 214 McCarron C 1			yeishi11048kkbr€sGhst118 Going au Hloshine11714treCt117 Bid, autlinish	
		H (D: MW 16		\$ ha 1.011 H		Statistical H	भागा अध्यक्त भाग नाम	
	Farbet	Dt. b. or br.	p. 4, by Distant Law	ni-Frant Line Wager	, by Agitata	Lifetime		ĻĮZŠ
	BELANGUSSAYE E (36 \$ \$ 4.H)	\$18,000			11	A \$19,025		
	Own.—Altani Thereughbreds 180x32-180f fst 1447 - 1:114 14	(52 Clm 1000)	Try-Fullon Jacque	(—) 74 14 Mai # 05 —	LB 191 *2.59	-	PL Chief Snowfff7farbet1M Wide ea	<b>†</b> 1
	- 2De:\$2-2HoT ist ja - 47 - 1s1は 1 e	13 Clm 10500	73 6 2 Hi 24	2] ]2] Jrás M Di	EB 100 1591	II i BigQub 15	lingsridgDrei 1347]Erbt ML - Saddle slipp	ed 11
	19662 166 (st. 1) - 221 - 452 (.) 15062 554 (st. 6) - 212 - 444 (.)			the by the or	LB 144 X M		thNStrags1154EbrtyOffftysx116 - Gave w MAgicty1174MinChoc117 - Bumped bre	
	20172-10mefst 1 :462 1-111 1:3	_	• •	22] 49]. Delikoussiye	ELEMP (M	77-17 Chypsomalis	MoldPirlott 15-Orghamonk 14 Gave w	27 I
	2011/92 Dead beat 1231/92-1861 Tst Rif :214 :45 1.3	164 Clm 20001	S4 7 3 31 1M	14 PH Stevens G.L.	40 10 110	74.11 Aufefral WU	[RcPss11PCmmx3ThFr115 Jostled st.	nt 1
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	774542-454 fst f4f -214 (452 1.) Kang 454 fst f4 -212 (452 1.)			25 17] Delahaussaye 64.67 Delahaussaye			ood11114LakyLord11114]Frbl116 - Weaken InBiprol11141]LbrtOfffs116 - Broke slov	
	SH2-32-45A fst 4f - :214 :441 1:			54 1.1 Dispensite			RHChrbyl Wiffibli Bumped at bre	
	LATEST WORKOUTS Jam 95A	i Sf <i>my</i> 1:06 H (∉	) Jan 15A	States H	Dec 13 SA	aler mirk	O Nov 25 SA 1 fet 1:435 II	
	Icy Cuddie			Time, by Olden Times		Lifelime 16 2 0		I,22S
	STEVENS & L. (75 IS IN \$ 27) Ours.—Program & Roth	\$16,000	Re-Morenwith Fo	MYN. (KJ) (SE 4 B 6 .29)	11	8 531,225		
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	21Sept2- Sign fit 1/4 :46 1:123 1 = 21Sept2-Declared no contest for w		70 4 4 44 31	P 1 Vale 1 A F	L 10	n-n kicidinye	eld)/Cool113 Siten'sCok110 Took up	V2 10
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	- 244/2-25A (st. 1 - :461 1:11 1 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1	363 Hd 50001 i 47 my :512 H (d)		31] 41] Nutsum (S - 48 fat 3451 H	LB 117 220 Dec 3 SA 3		MBstrsBrc1171fOrnsbr117 Nipped for 1 New 28 SA St fet 1:813 M	
	Lanky Lord	1. p 4.57 L	ard Saylard—Casti	iters, by Status a Cop		Lifetime	1982 14 2 3 8 63	7,525
	BLACK C.A. (SI 3 E (.M)	\$15,000	Br.—Aller Fred M	(Mick)	44	H 2 3	\$ 1901 B M B B Turf   \$ B B	
	Own,Kirby & Schow & Schow 200:52 55A 95 15	•	TrJackson Ooch	m A (2 8 8 8 30) 22] (4] Bück C.A	11 LBA 107 559	0	Wet 1 8 0 0 IS4Shbeen115∞JenPierreS115 Wide ca	1275
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	19:12 Fpi bi 18 :46 1:389 Z.	181 31 Hcg 2500k	- <b>62 1 3 31 1</b> ™.	SPE GIG Torres H	L16 14 XX	63-11 ForestRial 12	LtestRelese-leftPMindPowrff Faller	ef Į
	265cs 12 17 ps. lst. 1/4 1:461 1:12 1: 25cs 12 10 millst 1 454 1:102 1.		77 6 5 51 194	2 21 Locet A D	CR 12 40		PHLakyLord1149GrphaMonk114 - Held 2 HALLChNoStrags119Epsodc115 - No Live	
	\$4902-10me/st 1 :457 1:107 1:	362 Clm 75001	`77 ] [ F4] SF	Soln A	LED 15 ES	# 15 GrajGuchelli	l=Lescos115 RiverOfGraft5 Broke sloa	ly 🎚
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		H 144: 614 A		464:52 H		Lifetime	1992 3 4 6 6 - #	**
	Prime Glade			ie Valley-GB, by MRI LC (K4)	Rief	13 2 6 2	1991 8 2 8 2 871,	
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i	750×32-55A gd 1A -46 1 104 1 12	1 (Im 1600)	55 1 2 11 14 3	II BU Atherion P.	LIN 15 JT J	17-18 Aeralmergy 15	4Shabeen115=JeanPierreS115 Faiterei ingsridgeDerre1144Fribet148 Done early	<b>!</b>   
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	199:315 Naj st 14,00 442 1.15 1.44	D Lawel Fly	76 1 7 69 0 4	511 Cordeta Auf	122 138	株 第 SinAndDactZZ	FrAiLittZPOId:8tSrt/IZI Steadied U	1
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	• •	84 † Moeta ChandonRi	ennen (GrZ)	34 Legueur A	21 101	•	Wilmat227] PrmGld128 Bid iben eren	
		G PremioGuseppe		1th Legra E	12] 12]		THE SACRESS Record Sound 12 Bid, up to	e 11
	AZE net ZTUDXROW TZ3TAL	5f my 1:662 3f (d)	0 Dec 24 \$4	1	Dec 16 SA	a ra i.wr n	Dec 10 SA 44 Mg :49 H	

Matagorda georoga wa go u s y su	Ch. 9. 4, by Braustark - Whitsett, by I \$15,000 Br - Seeligum Arthur A	# (R)	1912 12 1 0 1 125,176 1 1 1 1911 1 M 1 0 13,000 128 175 Well 0 8 8
	ß նաxxx 68 (ի հետևիկ 1	15 Februaria A. 18 115 279 85 11 8 21 Pebruaria A. 18 115 879 24 25 8 16 Februaria A. 18 115 38 N 25 13 8 1 Pebruaria A. 18 116 38 118 84 13 84 13 8	digordits' j Shmoni 15 Revolleni 15 Wide backstretch (2 distrigordatis') Chief Snowllist Farbetin Orising 1 strigordatis' j Chief Snowllist Farbetin Orising 1 strigordatis' i Styllis i Nijskyk de 115 Slumbled start (1 tatagordatis' Orisi Orisi Natugordatis' Origing N tellow Jones I NY Great I NJ Matagordatis' (1
26-672 Bumbes at break index to \$2-62 \$50-611 \$1 452 1 100 1 1 11/1/2 452 1 100 1 1 11/1/2 2 451 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	11 eAug 13 14 3 : Mid 70000 45 5 2 25 33 1872 10 131 3 : Mid 70000 46 6 6 775 80 771 5 131 3 : Mid 2008 74 1 8 274 11 475 4 141 4 14 Mid 12008 54 2 8 872 99 875 4	77 Yalenzeta P.A. LB 117 248 51 55 51 16 Flores D.R. LB 118 14 500 14 50 15 51 51 51 51 51 51 51 51 51 51 51 51	iamRufer184BelleTor1784]Shbeen186 Not urged late 12 ocoalsd1843BackToPersi17]RoylDirisel W unde trip 11 frcpNrcpNrch2546Glssaml184PpNstr186 Weakened 12 RcknS1293HghtyJstr122Q1vrBen185 Passed tired ones 18 ank's Sprit1M2TotalTempo1184SaMo188 No mishap 18
Our Moment In Time	B g, 4, by Bance in Time—Time Gem. \$15,000 Br.—Buthers Stables (C. Tr.—Truman Eddle (3) 84 3 (3) Ale Hool 17 7 4 5 1 65 733 7 84 Cim-5001 63 4 3 4 1 4 1 61 1 7 85 Cim-5001 70 1 2 21 3 m 2 m 6 80 Cim-2001 70 1 2 21 3 m 2 m 6 80 Cim-2001 72 7 1 4 1 4 1 1 4 4 81 Cim-2001 63 2 2 2 m 2 m 3 2 84 Cim-2001 63 2 4 4 1 2 1 1 4 85 Cim-2001 73 4 3 3 1 3 1 3 1 1 86 Cim-2001 73 4 3 3 1 3 1 3 1 1 87 Cim-2001 56 2 3 1 m 5 1 6 8 8	by Grawter all all 0	Lifetime 1952 18 2 1 \$30,000 4 3 8 2 1991 4 8 8 1 \$16,500 541500 Tord 1 8 8 8 \$75 gotage113*Queen'sPge1170uxHugge1175 Mide Lrip I turlUrge113*[StolenScript15*[ShirKing117 Mide Lrip I flurlUrge113*[StolenScript15*[ShirKing117 Mide Lrip I flurlUrge113*[StolenScript15*[ShirKing117 Mide Lrip I flurlUrge113*[StolenScript15*[ShirKing117 Mide Lrip I flurlUrge113*[StolenScript15*[Jhr Mit17] Mide Lrip I flurlUrge113*[StolenScript15*[Jhr Mit17] Meakened ShirKing118*[Stolendsmin15*[Lod outlinished 7 rkhyRoy118*[Clypsonin15*[MistlcGmhk*]55 Fahrered SwiMcmentaTim17*ToxMBts18*[MivCultur15 Driving SwiMcmentaTim17*ToxMBts18*[MivCultur15 Driving SwiMcmentaTim17*ToxMBts18*[MivCultur15] Driving SwiMcmentaTim17*[Stolenthis]5*[ToxMBts18*] Got up 18 toten Bounty1 Mid-p115*[SoldenWingTip18* Gave usp 18 toten Bounty1 Mid-p115*[SoldenWingTip18* Gave usp 18
LATEST WORKOUTS Jam 95/4  Boldandcayerless  VALENTUELA P.A. (42 S.S. 6.12)  Donn.—Cayer Bornels & John  100:32 SSA 44 1 467 1:412 1  Steels: Ghol 1st 71 22 445 1  Februs SGA 1st 16 22 45 1  Februs GGG 1st 18 21 44 1  SGC111 IBM 15t 16 22 445 1  SGC111 IBM 15t 16 22 445 1	Br. St. Ry Publicity — Tendestereands   \$16,000   Br.—Cayer Nr.—Mrs. John   Tr.—Warren Bonald   19   Tr.—Warren Bonald	nt 1-811 H Dec 28 SA 77 fot 1:23 aper, by Guerter n J (Cat) 1 0 0 0.11) 4 Montare C5 1.85 1W 77 W 75 2.3 173 Frietay L. J. L. L. 1W 30 20 35 47 55 55 Frietay L. J. L. L. S. 1W 30 20 35 47 55 18 Warren R. J. J. L. L. S. 18 30 77 12 0 173 Warren R. J. J. L. L. S. 18 30 77 12 0 174 Warren R. J. J. L. B. 18 30 37 12 0 175 Warren R. J. J. L. B. 18 30 37 12 0 175 Warren R. J. J. L. B. 18 30 37 12 0 175 Warren R. J. J. L. B. 18 30 37 12 0 175 Warren R. J. J. L. B. 18 30 37 12 0 175 Warren R. J. J. L. B. 18 30 37 12 0 175 Warren R. J. J. L. B. 18 30 37 12 0 175 Warren R. J. J. L. B. 18 30 37 12 0 175 Warren R. J. J. L. B. 18 30 37 12 0 175 Warren R. J. J. L. B. 18 30 37 12 0 175 Warren R. J. J. B. 18 30 32 32 32 32 32 32 32 32 32 32 32 32 32	Dec 14 SA   EF 12 12 14   M
Liberty Offiftysix  TORRES N (23 1 1 4 M)  Own.—Valgered Jahn  Tardi-15A on 14 461 1 104 1 4  Zortz Shol (st 14 461 1 104 1 4  Zortz Shol (st 14 467 1 104 1 4  Zortz Shol (st 14 467 1 1 1 1 1  120-12-166 (st 14 467 1 1 1 1 1  120-12-166 (st 14 22 45 1 1  20-12-164 (st 14 22 45 1 1  20-12-164 (st 14 467 1 1 1 1  40-12-166 (st 14 467 1 1 1 1  Zortz Shol (st 14 467 1 1 1 1  Zortz Shol (st 14 467 1 1 1 1  Zortz Shol (st 14 467 1 1 1 1  Zortz Shol (st 14 467 1 1 1 1 1  Zortz Shol (st 14 467 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Ch. p. 4, by Fifty Sia Inn Bow—Cindo \$13,000 Br.—Valpredo John (Cal Yr.—Canganich Bartura: 42 Cim 1658 79 4 8 718 674 44 21 33 Cim 1000 73 5 6 612 82 65 44 15 Cim 1000 73 4 9 94 87 74 75 20 Cim 1000 72 72 77 72 75 75 44 92 Cim 1000 74 2 19 107 107 54 32	retta Liberty, by Golden Engle II  23 8 8 1 .00)  18 9  10 8 1 1.00)  18 10 10 11 12 H38 11 H38  19 10 10 11 13 H38 17-17 8  10 10 10 11 13 H38 17-17 8  10 10 10 11 13 13 13 13 14 H38  10 10 10 11 11 11 11 11 11 11 11 11 11 1	Lifetime 1993 1 0 0 1 32,100 1 1 3 5 1992 20 1 3 4 322,205 334,345 West 2 0 9 1 52,100 trp117-0MIDPrkr W97t bety Offitys 112 Wide, jostledigi 8 da kut 1552 pissy militiy ill Orpha Maiti 8 Bumped aarly 8 mRuler 1157 Atto MrStrings 1557 Mistroparl 15 Me rally 11 gl 15(0) shibrar 1191 Bedde kut 115 Improved position 9 1118-1 Atto MrStr 1552 beto Offits 18 Off slowly, mide 10 161171 bety Offitys 1177—SkyRet 17 Lugged earl drive 7 Mrty Offitys 1478 pyllus 1444 in 1545 pyllus 1478 pyllus
Bob's Promise  Bob's Promise  Boy Brown A Tarmon  TOCHY THE ST	8. g. 4. by Pied-a-Torra-AR—Contest \$13,000	Secretary   Secr	Lifetime 1982 9 1 0 6 53,520 1 0 1991 0 M 0 0 32,729 32,729 32,730 32,741 S' Shmoon IS-RiverOfGreen\$15 Wide trip 12 imlimDady1175hqr@pton15965rVst1W Tree late 12 imlimDady1175hqr@pton15965rVst1W Crining 12 imacilM Go Now118   laterhigh1M Stambled 9 isBrg1W1ProctblGpsy199-LGBy1M By the 1 ones 18 bScndPritW1ProtOftS96CSUMnc115 Steaded 14 9 ineWidd1291hitmTrouble1299-TonTsSlew155 Outrus 12 ineWidd1291hitmTrouble1299-TonTsSlew155 Outrus 12 ELicro1W3P13Mmory1895kmm3Kng11W Wide trip 11
# NAME DIST IMMMHMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMM		FIN. 1st CALL B/L MHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHH	2nd Stretch Final B/L B/L B/L ИНИИНИИНИИНИИНИИНИИ 0.20 0.50 2.50 0.50 2.50 6.50 0.20 0.00 0.00 0.00 0.50 6.00 6.50 4.00 2.00

First: Look at the way client Vaughn Youtz actually handicapped it.

#### Effective Use of ΣNTROPY

1000

Vaughn Youtz

The first thing I do is APV's, form cycles and visual running styles and make any eliminations I can at this point.

Let's look at what we have at this point: Remember, today's track is sloppy.

HALOSHINE - APV/Class 113/.76. Acceptable form and class,

questionable if it will like an off track.

FARBET - APV/Class 101/1.24. Acceptable form and class.

ICY CUDDLE - APV/Class 132/1.58. Very suspect form, but

this class dropper has been facing some good

times. Let's leave it in for now.

LANKY LORD - APV/Class 130/1.14. Improving sort, class and

form acceptable.

JIGGING MONARCH - Scratched.

PRIME GLADE - APV/Class 303/2.67. This figure off Lifetime, has

no form now, OUT.

MATAGORDA - APV/Class 82/1.07. Acceptable form and class.

OUR MOMENT INT TIME - APV/Class 141/1.47. No form after layoff and

doesn't like an off track. OUT.

BOLDANDCAYERLESS - APV/Class 148/3.19. Looks to be a sprinter, but

has class and last race not too bad. Let's leave in

for now.

PIRATE'S AFFAIR -

LIBERTY OFFIFTYSIX-

**BOB'S PROMISE-**

Scratched.

APV/Class 82/1.74. Class and form acceptable.

APV/Class 33/.33. Eliminate by form or class.

OUT.

Even before one line is run through the computer, we have this field down to six - Haloshine, Farbet, Icy Cuddle, Lanky Lord, Matagorda, and Liberty Offiftysix. Remember, on no form calls, be sure to run the last line through the computer to verify the call.

Next, I begin running lines on the horses in Phase I. In addition to making further eliminations, my pacelines are selected during this program. Two things of note at this juncture. ALWAYS run the last pace line. If there is justification to go back,

do it. Point two here is ALWAYS try to find a confirming paceline, one that compliments the selected paceline. Normally I'm looking at 6-8 horses at this point, depending on the size of the field..

PHASE I REPORT
TOTAL PACE RANKING

NAME	EFR	FFR	TPR
FARBET	88.2 4	85.3 🗓	173.5
ĐOLD	89.5 2	80.0 7	169.5 2
MATA	88.5 4	81.0 4	169.5 2
LANK	88.4 [5]	80.6 🗐	169.0 <u>4</u> 167.5 <u>5</u>
LIE2	84.6 8	82.9 2	167.5 (5)
HALO	87.1 7	79.1 8	166.2 6
BOB	84.6 B	80.4 6	165.0 7
ICY	82.7 10	81.8 3	164.5 8
PRIME	88.9 3	73.6 9	162.5 9
OUR	90.1 1	66.9 10	157.0 10

Thoromation's CPR (Phase I) likes Liberty better than TPR - Phase I.

PHASE 1

		, Y =	
Name	Epr	Lpr	Cpr
FARB	88.8	85.5	174.3 (1)
LANK	90.5	82.5	173.3(2)
MATA	85.8	81.8	167.6
BOLD	88.0	79.0	167.0
LIBI	85.5	85.5	171.0(3)

At this point the following horses are confirmed no form types. Icy Cuddle, Prime Grade, Our Moment In Time (even with #1 FFR, too many in here are close to that figure.), and Bob's Promise. These are eliminations. In addition, Haloshine can be eliminated also. Boldandcayerless, though showing no form, made it into the top five with its last line. It stays in for now.

Let's look at the pacelines I selected for each remaining contender.

Farbet - 2nd back. Last line reflects a final time that's too slow.

Confirmed with line #3.

Lanky Lord - Last line, line 9 confirms.

Matagorda - 2nd back, no confirming paceline.

Boldandcayerless - Last line, no confirming line.

Liberty Offitysix - Used line 6. This requires some explanation. First the last line is from a muddy track. Although it played fast and fair, I still preferred to go back. The next logical line would be the 7.5 f race 5 back. However, 7.5F races cannot be projected accurately. So, I use #6, confirming with #5.

Next, enter the data from the selected running line for each contender. Make a hard copy of the raw line data and proceed through the program. I just look at the race without any adjustment to see how the constenders stack up and then go to the beginning of the program to the automatic projector and select yes. The raw energy factors screen comes up. Here I look at %MED (which I model) and at the program generated running (ESP) styles. Please note that it's a great idea to set up your model by running styles at each particular distance. The modeling factors become self evident when doing it in this fashion.

Go to the next screen, the match up profile and glance at the high, lows. Press "H" for the hard copy of the last two screens.

In the next screen you will be asked to select an adjustment type. I always automatically adjust contenders first (1). In theis particular race, this adjustment is correct.

**	NAME	DIST.	1ST CALL	2ND CALL	FIN. CALL	ist B/L	2nd B/L	Stretch B/L	Final B/L
7/7/17/		anaanaan	anannanar	<i>(ИИННИНИН</i> Н	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	*******	*******	*********	HHHHHHI
1	FARB2	8.0	47.0	111.1	136.3	0.00	0.20	0.50	2.50
2	LANK1	8.0	46.0	110.4	134.1	1.75	0.50	2.50	6.50
3	MATA2	<b>8.</b> 0	47.0	111.4	138.3	0.00	0.20	0.00	0.00
4	BOLD1	8.0	46.3	111.2	137.2	0.00	0.00	0.50	6.00
5	LIBE6	8.0	45.1	110.4	136.2	4.75	4.50	4.00	2.00

#### 

Name	Total,	Hidden	Fx	Med	Lex	ESP Type
FARB2 LANK1 MATA2 BOLD1	162.21 161.46 158.50 159.72 161.12	65.70 64.81 64.14 64.35 64.37	66.72 67.09 66.00 66.49 68.28	68.57 68.63 68.54 68.60 67.67	31.43 31.37 31.46 31.40 32.33	S/P Presser E/P Presser Early Early Sustained

		Total	Med	3rd
				~~
HIGH	>>>	162.21	68.63	32.49
AVERAGE	<b>&gt;&gt;&gt;</b>	160.60	68.41	31.54
LOW	<i>&gt;</i> >>	158.50	67.67	30.55

Dream Race Velocity Pars. Never overlook this screen. I pay very careful attention to this one. Look at the early contenders Boldandcayerless and Matagorda. To be competitive, they should have high marks in F1. They do not and I am seriously NOT considering them to win at this point. The EP horse, Farbet, should make the lead.

#### DREAM RACE VELOCITY PARS

	F 1	F 2		s c
<i>М</i> МММММММ	<i>IMMHNHHHH</i>	ининини	ммининин	иммимими
LIBE6	100.001	94.297	100.000	98.247
LANK1	99.099	98.161	97.403	100.000
BOLD1	98.697	98.140	95.643	99.663
MATA2	98.104	98.329	94.518	99.295
FARB2	97.358	100.000	98.364	99.376

Next, these five are entered into Entropy. I go through the energy generator. Input race information in an orderly fashion. This will save time when recalling a race in the future. First the date: enter the month ,day and race (in the example 011305 for the fifth race on Jan.13) The comments column: I use for class and age information. (in this case 16c 4yo denotes the race is a \$16,000 claimer for four year olds). The distance line is self explanatory, in this case enter 8.0 for 8 furlong race. Data OK, enter if OK.

This brings us to data entry. Use the paceline selected in the preliminary handicapping program.. I use a 4 letter moniker and the line number to ID the horse (FARB2 for the second line on Farbet). This keeps lines and horses from being confused.

Enter the appropriate adjustment number to proceed to the first Entropy screen which contains the adjusted energy factors. On this screen I look at the Par Med and DTE, factors I model by running style. All the horses left in this race fit my current parameters for both Par Med and DTE by running style, so I cannot make any additional eliminations at this point. I go to the next screen.

#### ENTROPY

Race:	011305	Dist =	8.0 FURLONGS	Comments: 18	5C 4U		
MMMMMM	<i>Мимининини</i>	инининини	<i>Нининининин</i> ини	нининининини		<i><b>МИКИМИМИ</b></i>	нининин
MSWE	intwi	2ndCall	Par Med	Name	Total	Median	Dte
	<i>инининини</i>	нимимимини	<i>Mananan</i>	MMMMM	***********	HHHKHHHH.	HHMMMHH
LIBE6	161.12	67.68	95.322	FARB2	162.29	68.16	98.550
LANK1	161.45	68.89	91.219	LANK1	161.79	68.16	78.246
BOLD1	159.72	68.66	89.874	LIBEA	161.56	67.18	78.108
MATA2	158.50	68.40	89.146	BOLD1	160.62	68.01	97.538
FARB2	162.20	68.46	92.697	MATA2	159.79	67.B6	97.034

In this screen, the Matchup and DC Pars screen, the match up shows that the early horses in this race are going to have a tough time making the lead. I make a note of this. Also note the hidden energy deceleration velocity of Liberty. Next screen.

	1	1atchup			•	Deceler	ation Par	9
	F 1	F 2 1	F 3		•			
Pace	35.53	33.57	32.26		Name	Mp/dv	He/dv	Td/dv
ММММММ	<i><b>HMMMMMMM</b></i>	<i>ч</i> иминимині	<i>INHHHHH</i>		<b>МИНИНИ</b>	нининини	инининини	ининини
LIBE6	35.53	31.66	32.26		LIBE6	.95.25	101.90	90.79
LANKI	35.21	32.95	31.42		LANK I	97.83	95.35	89.24
BOLD1	35.07	32.95	30.85	-	BOLD1	97.90	93 <b>.65</b>	87 <b>.</b> 98
MATAZ	34.86	33.01	30.49		MATAZ	78.12	92.37	B7.47
FARB2	34.59	<b>3</b> 3.57	31.73		FARB2	98.96	94.52	91.73

Next I go to the Dream Race Deceleration Pars screen. Again, I see Matagorda and Boldandcayerless have deficient deceleration pars in He, Td and Pm. Even before I see the Sort DC/V Composite screen (next) I know I'm not going to be using these horses for the win. Let's move on for the confirmation.

#### DREAM RACE DECELERATION PARS

Name	Ep/dv	P/dv	He/dv	Td/dv	Pm/dv
<b>НИНИНИ</b>	<i>чини</i> ,иини	чининини	*********	<i><b>НИНИНИИ</b></i>	HHHHHHH
Pace	96.947	102.607	97.460	96.092	93.651
МИМИМИ	чининини	(HHHHHHH	HHHHHHHH	<i>чининин</i>	нининини
LIBE6	98.246	106.904	106.048	99.999	101.785
LANK1	100.909	104.529	99.228	98.288	97.403
BOLD1	100.979	104.198	97.456	96.906	95.967
MATA2	101.213	103.614	96.124	96.344	95.189
FARB2	102.073	101.966	98.364	101.033	98.982

#### DC/V COMPOSITE

<b>МИММИ</b>	4MMMMMMM	инининин	1 <i>МММММММ</i>	<i>нининини</i>	нининини
Name	Ep/dv	P/dv	He/dv	Td/dv	Pm/d√
MMMMMM	<i>IMMMMMMMH</i>	<i>IMMMMMHMH</i>	<i>(Mmmmmmh</i>	<i><b>1</b></i> HMMHMMHH	MMMMMMMM
		101.588			100.454
LANK1	102.196	101.805	<b>98.</b> 505	98.270	98.052
BOLD1	102.045	101.550	97.174	97.038	96.810
	101.923		96.274	96.328	96.048
FARB2	102.198	100.827	98.773	99.447	98.926

#### SORT DC/V COMPOSITE

Ř
-
h
<b>(1)</b>
(2)
(2)

"Doc" Sartin

I protested his using a 6 back sprint (71) line for Liberty. Let's re-do the race using Liberty's Last line.

Entry screen as run!

#	NAME	DIST.	IST CALL	2ND CALL	FIN. CALL	lst B/L	2nd B/L	Stretch B/L	Finai B/L
1	FARB	8.5	47.0	111.1	143.0	0.00	0.20	0.50	2.50
2	LANK	8.5	46.0	110.4	142.3	1.75	0.50	2.50	6.50
3	MATA	8.5	47.0	111.4	145.2	0.00	0.20	0.00	0.00
4	BOLD	8.0	46.3	111.2	137.2	0.00	0.00	0.50	6.00
5	LIB1	8.5	45.4	110.2	144.2	9.00	7.50	4.50	1.00

Entry screen with
Thoromation's Auto
Project to today's Dist.

#	NAME	DIST.	1ST CALL	2ND CALL	FIN. CALL	1st B/L	2nd B/L	Stretch B/L	Final B/L
1 2 3 4 5	FARB LANK MATA BOLD LIB1	8.0 8.0 8.0 8.0	47.0 46.0 47.0 46.3 45.4	111.1 110.4 111.4 111.2 110.2	136.3 136.1 138.3 137.2 137.3	0.00 1.75 0.00 0.00 9.00	0.20 0.50 0.20 0.00 7.50	0.50 2.50 0.00 0.50 4.50	2.50 6.50 0.00 6.00 1.00

KINETIC GENERATOR

Race: vy5.RA Dist = 8.0 FURLONGS Comments:

ENERGY FACTORS

Name	Total	Hidden	Fx	Med	Lex	3rd	ESP Type
	162.21	65.37	66.39	68.65	31.35	31.96	S/P Presser
	161.46	64.64	66.91	68.70	31.30	31.67	E/P Presser
	158.50	64.56	66.44	68.62	31.38	30.83	Early
	159.72	64.53	66.68	68.68	31.32	31.15	Early
	159.46	64.84	66.20	68.79	31.21	30.95	Early

HOWARD - I NEED SOME INSIGHT HERE ON WHEN TO USE THE ALTERNATE ADJUSTMENT AND OR THE MANUAL ADJUSTMENT. I ALWAYS AUTO ADJUST FIRST AND IF THEIR IS A LARGE DISPARITY IN TOTAL ENERGY, I'LL ALTERNATE ADJUST. I SUSPECT THIS OPTION IS USED FOR SURFACE AND TRACK TO TRACK ADJUSTMENTS, BUT I'VE HAD GOOD SUCCESS NOT USING IT YOUR THOUGHTS ON THE ABOVE WOULD BE GREATLY APPRECIATED. --- VAUGHN.

1 Adj.

ENTROPY

SORT DC/V COMPOSITE

Name	Ep/dv	P/dv	He/dv	Td/dv	Pm/dv	Total
LANK	1	1	2	2	2	8 (4
BOLD	3	2	.,3	,3	3	14 (3)
MATA	4	3	5	· 5	5	22
LIBI	5	- 5	4	. 4	4	<b>√ 22</b>
FARB	2	4	1	i	ī	9 (2

2 Adj.

ENTROPY

SORT DC/V COMPOSITE

Name	Ep/dv	P/dv	He/dv	Td/dv	Pm/dv	Total
BOLD	. 2	ī	3	3	3	12(2)
MATA	1	3	4	5	5	18
LANK	3	2	2	2	. 2	11(1)
LIBI	4	4	5	4 .	· 4	21
FARB	: 5	5	1	1	. 1	13 (3)

Entropy works regardles
of Adj. Because Deceleration
Ratios are more stable than
Velocity figures.

Thoromation calls for 2 Adj. DO NOT he alraid of this call.

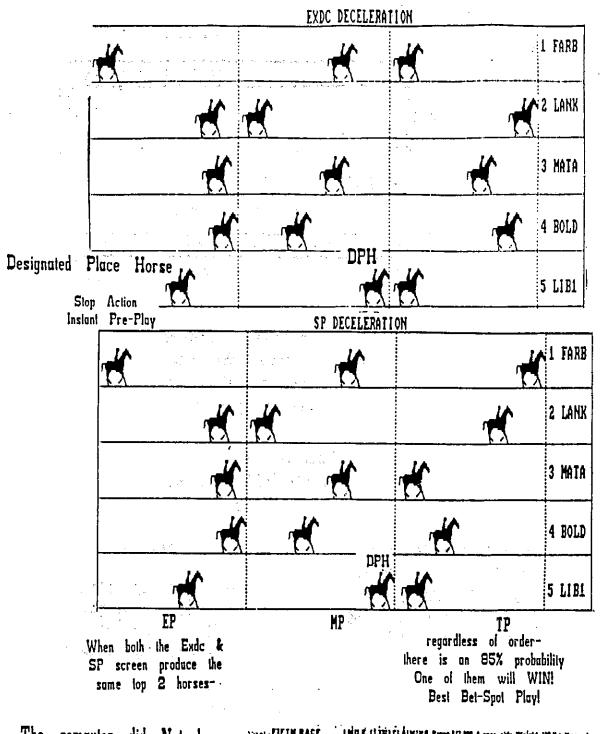
Remember, if the total energy from high to low is greater than 2.0 you may need to use the alternate adjustment.

## CAUTION

Make sure the horse is a true contender hefore using the alternate adjustment.

Thoromation

THE STATE OF THE S	1 FARB
	2 LANK
K	3 MATA
	4 BOLD
	5 LIBI



The computer did Not know Sainta Anita interest on miles or one through the second of the Daid It should be Daid It shou

R EXACTA 4-9 PAID \$160.40. \$2 TRIFECTA 4-9-2 PAID \$1,424.80.



#### The PSYCHOLOGY OF WINNING

with Howard G. Sartin, Ph.D.

The Psycho-Biology of Handicapping & Optimal Profit Taking PART I of 2

The term Psycho-Biology refers to both the mental and physical stress factors inherent in wagering for optimal profit. If you are flirting with the idea of spot wagering strictly for value, most of you will have to undergo dramatic changes which will affect both your mind and your body. Over the years my appeal has been largely to the timid. Dick Mitchell and company have similarly appealed mainly to the bold.

The transformation from timid to bold is not an easy on, so it will require TWO articles to address it properly.

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At EXPO '93 there was NO Psychology of Winning Symposium. Strange, since at EXPO '84, because of UNEXPECTED public demand, one was hastily scheduled on the spot as an after thought. At EXPO '90, the session, moderated by me, featured some of the brightest names in the business: William (Joe Finley) Scott, Dick Mitchell, Mark Cramer, Paul Braseth and Lee Russo. The segment was both Audio and Video taped and its sales helped the sponsors financially.

At this year's EXPO the closest thing to Psychology was a session on the prospects and pitfalls of Turning Professional. The Educational aspects of that session were handled quite well but the PSYCHOLOGICAL factors were given neither proper NOR psychologically PROFESSIONAL emphasis. Ironic, since the man who made up the schedule was James Quinn, with a Ph.D in psychology. However, although he took at stab at doing some clinical work, Sir James is an EDUCATIONAL PSYCHOLOGIST.

As such, his discipline leans toward the belief that all problems can be solved INTELLECTUALLY through better education. Good luck to all who believe that.

Yes, for some, knowledge may be all that is needed.

For example, Tom Brohamer and Andy Beyer - at opposite ends of the sanity spectrum - may possibly fit into the Quinn model of immunity to psychological pressures. Perhaps NOT EVEN they. Maybe they merely disguise it better. Bradshaw is that way NOW, but in the beginning he was just the opposite.

At the EXPO session conducted by Bradshaw and myself, I asked for a show of hands after posing TWO questions to an audience of about 80 persons. The questions: (1) "How many of you are into handicapping motivated solely by the potential of MONETARY profit?" Five hands were raised. Question (2) "How many of you are motivated by man's eternal quest for the GIFT OF PROPHECY?" The rest of the hands shot up.

That's only 6.5% with the profit motive.

This two part series is mainly for the 6.5% of YOU who share that minority desire; AND for the rest of us who wouldn't mind taking a little extra profit to go along with our gift of prophecy.

Along with the Turning Professional session, Expo featured a Money Management forum conducted by Dick Mitchell and Barry Meadow. They mentioned me in the context that while I had spent thousands of hours in admirable research and development of a successful handicapping method, I probably spent no more than FIVE MINUTES on the subject of Money Management. That's okay. I've taken enough shots at them, I deserve a few in return.

Even TOM BROHAMER, who gets no flack from others in the field, admits, at workshops and seminars, that he is one of the WORST money managers around and leaves "a LOT of money on the table."

Acknowledging ANDY BEYER as the best known handicapper among us all for his GROSS PROFITS, BARRY MEADOW should be recognized as the uncontested champion in the arena of NET PROFITS. Even TOM AINSLIE cited BARRY'S book on Money Management as the BEST in our field.

At the Mirage horsebook I saw Barry Meadow sitting in the book and sat next to him for a brief conversation. As we were talking Barry held up a hand and said, "hold it a second I want to watch the finish of this race." He studied one of the Mirage's giant TV screens until a horse crossed the finish line first. BARRY calmly help up for my view a WIN ticket on that horse worth several thousand dollars. He then produced two more tickets whose combined worth about equaled the first.

No show of emotion; no boasting or apparent rise in the rate of his heartbeat or blood pressure. In a relatively short period of time he had wagered several thousands of dollars, won even more and remained a statue of equanimity. Later I asked him a key question: "Were you ALWAYS able to wager such large amounts?"

His reply was "NO." In the beginning, he said that he went to the track with a group of semi-pro's and watched one of them make a \$30 win wager. He was nonplused and felt that he would NEVER be able to bet that large a sum all at once. We were interrupted before I could ask him how long it took him to escalate to a \$30 bet, and how much longer it took to be able to make wagers in excess of a Thousand dollars?

Since Barry is a relatively young man, (they all seem young to me) it must not have been TOO long. I first met Barry in 1987 when he was making the transition from being a foremost Harness Race handicapper to Thoroughbred Investor. Dick Mitchell introduced us at my request.

What were the factors that made it possible for BARRY to make such a dramatic adjustment? What are his unique qualities? They number four. The first (1) is DISCIPLINE. (2) A thorough knowledge and complete understanding of how to USE mathematical odds and probabilities. (3) a NON-EGO related, totally focused motivation toward ACQUISITION. There will be those who say that Acquisition is just a nice term for greed However, greed is indigenous to our social structure and cannot be automatically dismissed as evil. (4) COURAGE. Call it guts, gonads or Chutzpa (sp?) or whatever, it adds up to courage. Or in Barry's terms, the ability to dissociate one's emotions from MONEY as being anything more than pieces of paper designed for the pursuit of profit.

We must not confuse (3) ACQUISITION with DESIRE. All of US have desire. But OURS is primarily a desire to win; to PROVE that we can do it. Even MARK CRAMER, who Pioneered the Value concept via making one's own morning line and wagering on overlays only, is NOT sufficiently motivated by ACQUISITION to duplicate the profits of those who emulate his concept.

DESIRE, while essential to winning, is NOT the same as ACQUISITION. In varying degrees, all Value oriented handicappers have the ABILITY TO DISSOCIATE THEIR MINDS FROM THEIR EMOTIONS. That will be the theme of Part Two in this series.

A clue to MEADOW'S skills is the fact that he makes no boastful claims to being an inordinately good picker of winners. He seeks NO Bragging Rights and never quotes his Win percentage Proficiency. He is totally dedicated. If

he's having any FUN, he doesn't show it.

The question now is CAN BARRY'S 4 great skills, shared, to a lesser degree, by MITCHELL and a coterie of other "Value Boys," BE TAUGHT? And, if so, to how many? Hopefully, for them, not too many or there will be NO Value. Just as would be the case if Too Many people mastered the Handicapping skills enjoyed by many of our clients.

That will be the subject of Part Two of this series in which we will concentrate on the Behavioral AND the Psycho-Biological changes that are essential for one to undergo in such a pursuit.

It took time for BARRY MEADOW to achieve his skills and will take at least as long for YOU.

Examining the necessary procedures and the potential Biological and Psychological consequences that might result from such a quest should be most interesting even for those who do not focus solely or even primarily on profit.

Since it has taken more than five minutes to write this, I hope I can be freed of the stigma of giving no more time than that to the thought of \$\$\$ management.

Meanwhile, until Part 2 of this series, here is some food for thought from BOB PANDOLFO, courtesy of RACING ACTION weekly.

# Beine Merel le line

#### Stick With One Pattern

he old adage goes: "You can beat a race, but you can't beat the races." Is it true that the only way to show a profit is to be selective? I don't think

60.

Sure, some races are difficult to figure out. Generally speaking, inconsistent horses, such as low-level claiming fillies, are tough to count on. A spot player who attempts to load up on a Best Bet would probably be better off concentrating on more consistent horses. Let's face it: When you love a horse, you bet on the theory that the horse will run its race today. If it doesn't, all of your handicapping went for naught.

That's one of the problems with spot betting. For instance, say there's a good handicapper named Sammy Spot. He averages about two bets a week. But, instead of

betting \$20 on each, he bets \$200.

Some of Sammy's horses are going to lose because of bad luck (rough trips), while others will lose because they simply didn't run well that day. And some will run just the way Sammy expects them to, and win.

But if Sammy hits a run of bad luck and loses eight bets in a row, he has lost for an entire month and hasn't cashed in a single ticket. Some players would not be able to keep their confidence under those circumstances, regardless of past successes.

Now we have another player, Amie Action. He bets five to seven races every day. If he loses eight in a row, he had a bad day or day and a half. He still has 29 more days

to make up for it.

Believe it or not, both of these players could be winners if they're good handicappers. But the guy who is very selective has a few things going against him. First of all, handicapping is much different than bowling, golf or basketball. If you've ever participated in sports, you know that some days you just can't miss. The fact is that most good handicappers run hot and cold. The better the handicapper, the longer the hot streaks, the shorter the cold streaks.

The player who bets at least a few races every day can take advantage of a hot streak. A spot player who is very selective might have a tough time establishing momentum.

Some of you are probably saying, "Momentum? What the hell is he talking about? Betting horses is not like playing football."

Momentum Extremely Important

I disagree. Momentum is extremely important to a handicapper. There's a thoroughbred handicapper in New York who publishes a daily tip sheet like I do. He's a good handicapper, but he doesn't bet a dime. He told me that if he bet, it would change the way he handicapped. He wouldn't be as objective.

I understand what he means. If I bet anywhere between \$10 and \$50 a race, it doesn't affect my professional handicapping. But, over the years, there have been times when I tried to up my bets to \$150 or more per race. I

immediately went into a slump.

If I know that I'm going to raise my bets from \$20 to \$200, I might handicap differently. I might be extra careful, more conservative. I might spend twice as long handicapping the card. I might make my Best Bet a 3-2 shot that looks like it can't lose, instead of a 10-1 shot that has a chance at a price. Why? Because no matter how hard I try to block it out, in the back of my mind I know that I'm going to be betting \$200 on this horse. Consequently, my thinking pattern and the whole handicapping mentality I've developed is disrupted.

Basically, you have to develop a pattern that works for you and stick with it. If you haven't developed that pattern, you have to keep working towards it or follow someone

else's advice.

Bob Pandolfo

Bob Pandolfo is the publisher of "The Daily Informer," a handicapping newsletter.

#### SEARCH & RESEARCH

BY
Spencer Toner

Since the last FOLLOW UP I've had an opportunity to talk to many about using THOROMATION to select pace lines. There has been a lot of interest and curiosity and some doubts. A relative short time ago I would have considered using a computer for pace line selection, pure and simple heresy in the Sartin Methodology. However, there seems to be a common thread of uncertainty running through the fabric of our endeavor about how confident one is of their pace lines. Another thread is the acceptance of what works for anyone is o. k. as long as it leads to the winner. There is no dogma and a strict adherence to preset rules doesn't exist.

There was an opportunity to explain this pace line selection process at the last workshop in Beaumont. The workshop subject was centered around the range of processes that are used. This method was certainly an unusual way and it gave an experience I didn't expect. Those attending gave me rapt attention as I explained it and I realized how often many of us lose a race to find out that if we had chosen a better pace line for the winner we would have won the race.

At the New Orleans seminar this process was again explained, followed by questions on what to do with these pace lines once they are selected. I explained that I then enter all of the horses into KGEN and keep only the top seven horses from the raw KEXDC numbers, scratching the rest. Then with the computer suggested adjustment the next weakest horse in KEXDC read out is eliminated. Now I have 6 horses and still have the winner among these horses.

With these 6 horses entered into EXDC w/THOROMATION and eliminating two more horses using the EXDC horizontal early and late graphs in the last screen of the program, two more horses are eliminated. Now there are four.

Then enters  $\Sigma$ NTROPY. Dr. Sartin urged me to become more proficient in it's application. When I returned home from New Orleans I laid out a spread sheet to monitor my own handicapping and to see if I was missing some factor that was not obvious. Included in this spread sheet were all of the rankings of the composite screen of  $\Sigma$ NTROPY.

The first 10 races that were run for reasons unknown at the time included 3 races where I threw out the winning horse. BUT, the remaining races had a consistency I didn't expect. In all of these 7 races the winner was either the 2nd, 3rd or 4th choice of the P/dv ranking.

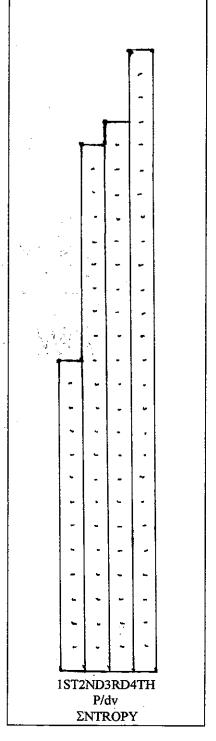
I have currently been dutching 3 horses successfully and was not afraid of looking at 3 horses as potential bets in the same race. Also remembering what Dr. Sartin has said about a score that is not #1 could be more significant if that is what one's records so indicate. Also experimenting with a formula that seldom had the winner as #1 I was open to other considerations besides #1 being necessarily indicative of a win horse.

I got into something, and I couldn't let go Having kept a large group (84 races) where I consistently got the contenders down to four horses (as I described above) and also knowing (records) the winners in these races, I had a base of races to continue to test my use of ENTROPY. Feeling pretty compulsive I stayed up most of the night continuing to run these races and recording my results of the ranking screen at the end of the program. To my surprise the P/dv ranking was the most consistent of the factors with the pace lines and contenders I selected. Having previously thought the 1st choice is better than a 2nd choice I got my eyes opened. The 1st choice was the least repeated number indicating the winner and the 2nd, 3rd and 4th were the most repeated numbers.

Looking at the graph to the right its easy to see that betting my first two choices would be foolish with the distribution that was occurring.

Keeping records is so essential. Without the interpretation of the records all the records in the world would be a useless exercise. A simple graph like this graph helps me to see things in a better prospective.

If you've got ways to solve problems please share them. We're all in this together.



# Anatomy of a Problem Race



## **GUEST ANALYST**

Match-Up Postulated By
ANDY BEYER
Analysis By
Doc Sartin

#### Editor's Note:

This race was an example Match Up used by ANDY BEYER for the Expo '93 PACE SYMPOSIUM. His question to the Panel: Which horse would WIN this Match Up?

April 17, 1993

Dear Andy,

First, let me congratulate you on the job you did as moderator of the Expo '93 Pace Symposium. You were in control at all times and your wit, wisdom and power of speech made the session both lively and entertaining.

However, with the exception of Tom Brohamer's contributions, the session was NOT about PACE but, rather, on Pace/Speed. Pace Handicapping cannot include FINAL TIME ratings in conjunction with PACE ratings because, no matter whose figures you apply, Final Time will dominate and the horse running the Fastest second call relative to Final Time will always come out first.

This is NOT reality.

Early Pace - or speed, if you prefer, is highly over-rated and is applicable only at certain tracks under specific conditions.

While most of your panelists are winners, with the exception of Tom Brohamer, they are NOT winning because of their use of pace.

Pace handicapping is not THE way to win, it is merely ONE way to win. Hence, I am not crusading but simply explaining. Because of your personal appeal, if you call Pace/Speed figures PACE, then the North American handicapping public will follow suite. So my small band of followers will no longer be Pace Handicappers but, rather, INCREMENTAL VELOCITY OR INCREMENTAL ENERGY HANDICAPPERS.

Despite your bout with Chaucer at Harvard, I'm sure you were not similarly put off by the historical significance of Julius Caesar in his COMMENTARIES ON THE GALLIC WARS. In conquering Gaul his strategy was a Three Pronged Attack, leading to his statement that "All Gaul is Divided into Three Parts. Making Caesar, in effect, the first to use Pace as a battle plan.

Like Gaul, all North American Races as seen from Past Performance Charts, are divided into THREE PARTS. The first, second and third fractions. The second call is a composite of the first two fractions and, Final time is the result of all three. It matters not how fast or slow these fractions are run, so geography - East or West - has NO influence on Pace.

To suggest that Pace is a West Coast phenomenon is to disregard history. Pittsburg Phil hand timed races by segment as did Jule Fink and the

"Speed Boys." When electric timing came in it paved the way for the Pace concepts of Ray Taulbot and Hugh Matheson. ALL were from the East Coast. But they ALL, to a degree, included Final Time in their figures so they were NOT truly Pace Handicappers. Perhaps this is why Pace did not become, to quote you in your April 1993 interview in American Turf Monthly, the NEW FRONTIER.

Whatever chance Pace may have had to become so in 1975 with Huey Mahl's little book, THE RACE IS PACE, was overshadowed by your own dramatic entrance on the Handicapping scene in that same year with your brilliant work PICKING WINNERS. Pace Handicappers were still living on the remote fringes of the frontier but they had to circle their wagons against the the fierce onslaughts of warriors led by Chief Beyer.

It will be a long time before the general handicapping public will accept the fact that you CANNOT effectively mix pace times with Final Time. Like combining oil and water or Vinegar with Sodium Carbonate, the effect is to neutralize the inherent value of each element. In mixing the two, Early Pace will always dominate the pace factor and Final Time will weight the most heavily.

This misconception on the part of "horseplayers" and experts alike will protect and enlarge the mutuel payoffs of true pace handicappers for years to come. So I am not trying to convert ANYONE. But out of respect for you and your giant contributions to handicapping I feel that you deserve some explanation along with the assurance that PACE does NOT mean Early Pace and is NOT geographically limited.

I take the liberty of focusing on your first Example race at the '93 Expo Pace Symposium. You postulated the following scenario:

HORSE A: 22:0 - 45:0 - 1:11. NO beaten lengths. HORSE B: 22:3 - 45:3 - 1:11 NO beaten lengths.

You insisted, for demonstration purposes only, I presume, that BOTH were NEED TO LEAD horses running on the same track, same class, same variant. This is a highly unlikely prospect.

Horse A might well be a NEED TO LEAD horse at Aqueduct, while B is a NEED to LEAD horse at Belmont.

By our concept A is an Early Horse, B an Early Presser, as designated by their ration of Energy Distribution:

#### KINETIC GENERATOR

Race: beyr.R Dist = 6.0 FURLONGS Comments: PACE

**ENERGY FACTORS** 

Name	Total	Hidden	Fx	Med	Lex	3rđ	ESP Type
AAA BBB	168.16 167.77	64.32 65.19	65.87 65.79	69.85 68.98	30.15	30.21	**

The only way B could win wire to wire on the lead on the same track, class and variant as A would be if all the other jockey's forgot to wind that mythical clock in their head and let B get away with grand larceny.

Using your guideline, the example is solved NOT by handicapping but by Animal Behaviorism. B, as a NEED TO LEAD horse, would try to run a 22 first fraction and most probably succeed. In so doing it would fail to run to the 2nd call and final time you postulated but would probably finish in 1:12 or more.

So, let us disregard the NEED TO LEAD requisite and match these two through Pure Pace handicapping. As you have stated and demonstrated in your own works, relative to speed, a beaten length does NOT equate with a Fifth of a second. Hence, the true Pace Handicapper uses Rate of Velocity based on Miles per hour, Feet per Second, Lengths per second or percentage of Energy by fractional increment. So with no allowances for any refinements based on the laws of physics, here is what your example race REALLY looks like:

A:Fraction 1 = 22:0 Fraction 2 = 23:0 Fraction 3 = 26:0B: " 22:3 " 2 = 23:0 " 3 = 25:2

In Feet Per second:

A: F-1 60.00 F-2 57.39 F-3 50.76 2nd Call = 58.66 B: F-1 58.40 F-2 57.39 F-3 51.96 2nd Call = 57.89

We derive Total Energy from combining the value of F-1, F-2 and F-3.

A's Total Energy is: 168.15 B's Total Energy is: 167.75

You feel that Pace will become the New Frontier ONLY if clockings are in 100ths and incremental photos are set up to view beaten lengths more precisely. This is a consummation devoutly to be wished. However, no superior results were enjoyed by my people using the Racing Times 100ths clockings over the Racing Form's procedure. Perhaps this was due to the unfavorable positioning of the Times' clockers. Whatever, in our computer formulae we DO reduce, internally, all times to 100ths.

Using 100ths A's final time was: 1:10:651. B's Final Time was:1:10.828. Making A .177 faster than B. This is not important; but to a Final Time advocate, it might seem remotely interesting.

A has a first fraction advantage of: 1.60 Feet Per Second, a Second Call advantage of .77 feet per second. B has a third fraction advantage of 1.2 feet per second. Weighted against each other A's total advantage is 1.6 + .77 = 2.37 Minus B's 3rd fraction advantage of 1.2, this gives A a NET advantage of 1.17. On a track with a normal Energy Bias, A would win based on each horse's fractions as proposed by you.

#### Compounding these fractions we see:

Early Pace:

A: = 58.66. B: = 57.89

**Sustained Pace:** 

A: = 54.71 B: = 54.92

Factor W:

 $A: = 56.68 \quad B: = 56.40$ 

F W is what Brohamer calls in his book AVERAGE PACE, something you indicated that you thought we had abandoned. We have NOT. We merely call it something else in our ENERGY/KGEN/THOROMATION type programs.

----0----

Some tracks, at certain times, have an extreme Sustained or Late bias. True quite often at the Fairgrounds in New Orleans and frequently even at Belmont and Churchill Downs; AND at Santa Anita when it is drying out after heavy rains. Hollywood Park and Del Mar, in southern California, along with Bay Meadows in northern California, often favor Sustained pace horses even though they VISUALLY appear early because they win on or near the lead.

Winning ON THE LEAD is not necessarily EARLY. Look at Swale.

We determine track Energy Bias through the use of a profile that we generically term a Brohamer Model, after TOM who refined the concept.

Whether a horse is Early, Sustained or Presser (ESP) is best determined by the percentage of its Total Energy a horse expends at the second call relative to its third fraction percentage.

Viewing this race from more sophisticated computer readouts which make automatic allowances for Pars and variances created by fractional elements derived from the true contenders in the Race itself - as opposed to conventional pars, it looks like this, depending on which of our programs is being used

PLEASE TURN PAGE

#	NAME	DIST.	1ST CALL	2ND CALL	FIN. CALL	1st B/L	2nd B/L	Stretch B/L	Final B/L
1 2	AAA BBB	6.0 6.0	22.0	45.0 45.3	111.0 111.0	0.00 0.00	0.00 0.00	0.00	0.00

#### FRACTIONS

	F 1	F 2	F 3	SC		- * * * * * * * * * * * * * * * * * * *	•
Pace	59.99	57.39	51.96	58.66			SC B/L
****				****			
AAA	59.99	57.39	50.76	58.66	₹.	: AAA	0.00
BBB	58.40	57.39	51.96	57.89		BBB	2.06

The OroHAMENT CALLS AVERGE

ITSAYS 2Nd Gall BOATER Lengths But it Reacing UNITS OF ENERGY

NAME	P W	E P	S P	T FRAMULA	 w X
AAA BBB	56.03 55.91	58.66 57.89	54.71 54.93	56.38	 55.70 55.55

A ENDSOP + 39+77 = +616

#### RANKINGS

	F W	E P	S P	T T	F X	W X	L P	D R	MED E	LINE Scare Low & Best
AAA BBB	1 2	1 2	2 1	1 2	1 2	1 2	2 1	1	69.81 69.02	10 13

	*	1 AAA
-	**	2 BBB

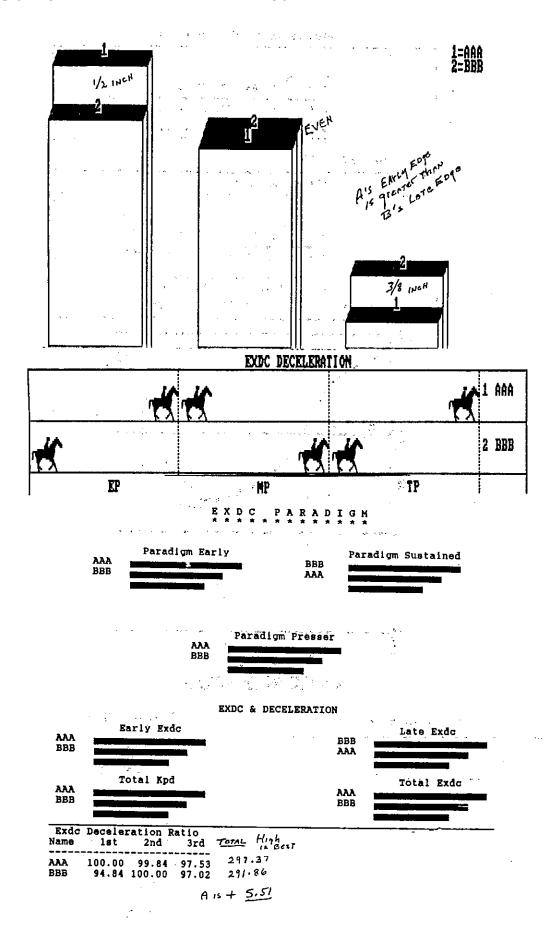
Median Energy

<u>AAA</u>

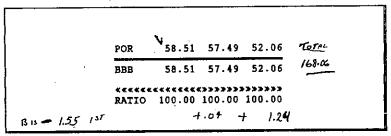


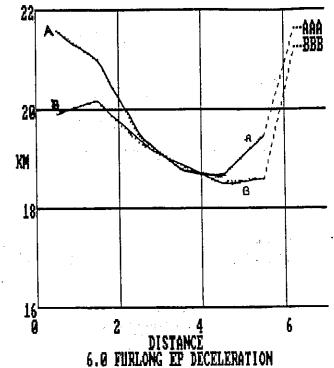


BBB 68.77



PACE OF RACE / PACE OF HORSE





KINETIC POTENTIAL FOR 1/2 FURLONG

AAA 21.57 21.56 21.29 20.76 19.72 20.11 20.24 20.10 Ekp

8ECOND CALL

AAA

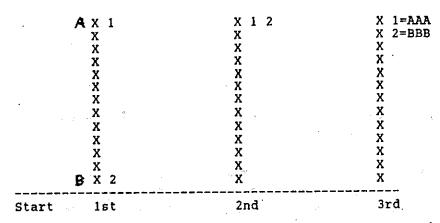
58.72

A /5 + -72

BBB

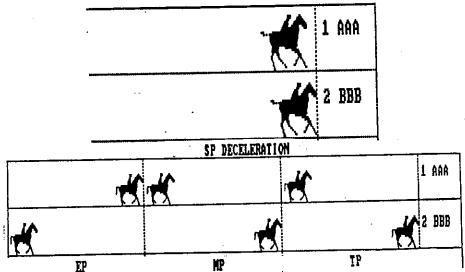
58.00

Doctor E Match Up



You will note that numbers vary according to the degree of the program's sophistication, but the end result is the same.

Only at tracks with an extreme Late Bias, would the race look like this:



I know that, despite your Harvard background, you profess to prefer simplicity over complexity. But NEW FRONTIERS have never been carved through a simple process. For the average person, full comprehension of your own original Speed Figures was equally complex which is why so many "Horseplayers" make them incorrectly.

Besides, with the aid of a computer, all Pace Figures can be derived with a few key strokes.

I hope I have helped you in some small way with your PACE chapter in your new book which I know will be a smashing best-seller.

Cordially, Sartin

At Deadline:

#### VIC PALERMO

Louisiana Downs - ENTROPY/EXDC REPORT 1992 Season.

Vic Palermo, preparing to wager at Louisiana Downs from The SPORT of KINGS book in Las Vegas, took this sample from LAST YEAR'S MEET. He used Both ENTROPY and EXDC for his extensive test. These results are NOT separated by sprints and routes but are ALL-INCLUSIVE except for Maiden and Turf Races. RANKINGS are from Composite Screen Sort.

τ."		ENTROPY					
RATING	EP/Dv	P/Dv	HE/Dv	TD/Dv			
AVE. RANK WIN	1.98	1.96	2.27	2.33			
% WIN in TOP 3	86%	89.4%	82.4%	84.2%			

#### EXDC - Thorometion - TOP TWO

RATING	EP	PR.	HE	SP	LX	FX
			<del></del>	<del></del>	<del></del>	
WINNER IN TOP 2 ~	75.4%	68.4%	64.9%	49.1%	50.8%	70%

VIC went four deep on his stats. He used his TOP 4 ENTROPY horses to achieve the stats for EXDC'S TOP TWO.

Very impressive for BOTH programs and nothing short of AMAZING when programs are used in conjunction. Entropy to get the TOP 4 contenders. EXDC-Thoromation to get the field down to only TWO!

#### TURF

100% of all Turf Winnersw: 40% were SUSTAINED PRESSERS 60% were SUSTAINED

NOTE: These figures were derived from HANDICAPPING and WINNING Races BEFORE THE FACT; NOT from Results Charts!

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