

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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Thank you,
Spencer Toner
Managing Editor

O. HENRY HOUSE, INC.



THE SARTIN
METHODOLOGY

1390 E. 6th Street #5

O. HENRY HOUSE, INC.
Beaumont, CA 92223



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.

-----0-----

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.

-----0-----

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.

-----0-----

BACK TO THE FUTURE - 1968

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 Taillevent'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.

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

Taillevent		\$5,000	B. g (1965-Ky), by Blue Prince—Second Shot, by Selenaway		117	1968	13	3	1	0	\$13,180	
			Renegade Farm D. J. Schneider		(D. McKellar)	1967	1	M	0	1	\$455	
24Sep68-2Bel	fst 7f	.23% .46% 1.25% Clm	7500	5 5 9 10 10 6 8 8 7 1	JCruguet	112	7.10	73-18	Pittoceanmouth 114 1/2	Here's Stampede 116 2/3	Plaseebo 113 1/2	No sp'd 14
30Jly 68-2Sar	fst 1	.46% 1.12% 1.39% Clm	6500	7 8 5 7 4 2 4 1 2 1 1	FToro	112	8.40	76-17	Arturo's Pride 116 1/2	Taillevent 112 1/2	Tudor Pitch 116 5/8	Rallied 10
22Jly 68-5Aqu	fst 1	.46% 1.11% 1.37% Clm	5000	6 4 3 3 3 2 1 1 1 6	REWholey Jr 5	112	*1.50	81-18	Taillevent 112 6/8	Share The Luck 115 1/2	Dot's Libertine 115 2/3	Easily 8
17Jly 68-2Aqu	fst 1	.45% 1.10% 1.37% Clm	6250	1 9 8 5 8 5 5 5 3	RTurcotie	116	*2.10	80-11	Pittoceanmouth 116 0/8	Jamie Dee 111 1/2	Wise Tenacious 116 2/3	No thr't 11
5Jly 68-2Aqu	fst 6f	.22% .46 1.11% Clm	8500	8 8 9 7 7 5 6 4 5 1	RTurcotie	117	4.90	84-13	Pittoceanmouth 115 1/2	Crooked Count 112 1/2	Jamie Dee 113 3/8	In close 14
17Jun68-4Bel	fst 6f	.23 .46% 1.11% Clm	10500	11 10 7 9 10 8 9 13 9 13	DBThomas 5	108	8.80	78-12	Tulrea 116 1/2	Camp Meeting 116 3/8	Fleet Swoon 119 1/2	Never close 11
30Apr68-5Aqu	fst 7f	.22% .45% 1.23% Clm	20000	2 4 6 14 6 12 6 12 1	SHernandez	116	*1.80	—	FleetSwoon 116 3/8	Dynamic Turn 116 2/3	Colonel Moore 116 1/2	Lame 6
12Apr68-6Aqu	fst 1	.45% 1.10% 1.37% Clm	15000	1 7 6 6 4 4 6 2 2 1 1	SHernandez b	112	3.70	82-21	Taillevent 112 2/3	Fete Des Fleurs 116 2/3	Colonel Moore 116 1/2	Driving 8
4Apr68-1Aqu	fst 6f	.22 .45% 1.11% Md	c-7500	8 8 6 7 6 5 3 3 1 4	SHernandez	122	3.60	86-18	Taillevent 122 1/2	Chivalrous 122 1/2	Gay Port 122 1/2	Easily 14
23Mar68-1Aqu	sly 6f	.23% .47 1.12% Md Sp Wt	2 6 6 7 1 7 10 7 8 1	JVelasquez	122	3.90	67-25	CallMePrince 122 3/8	Silent Arrow 122 6/8	Everything Right 122 0/8	Far b'k 8	
LATEST WORKOUTS		Sep 20 Bel tr.t. 3f fst .36% h		Sep 10 Bel tr.t. 3f fst .36 h				Aug 30 Bl tr.t. 4f fst .50% b		Aug 27 Bel tr.t. 3f fst .38% b		

Peter's Folly		\$5,000	Ch. c (1965-Ky), by Nasco—Chickdale, by Olympia		117	1968	13	1	2	1	\$5,280		
			Lou-Jessie Stable J. Lipari		(T. O. Campbell)	1967	9	M	0	0	—		
20Sep68-4Bel	fst 1	.46% 1.12% 1.29% Clm	4500	3 9 9 15 8 7 5 2 2 1	KKnapp	114	11.30	77-19	Asia Cee 116 1/2	Peter's Folly 114 3/8	Summer Rocket 116 2/3	Gamely 10	
12Sep68-2Aqu	gd 1	.47% 1.15% 1.41% Clm	3500	6 7 5 4 1 5 5 2 1 2 0	ACordero Jr	112	3.60	59-26	Asia Cee 113 0/8	Peter's Folly 112 2/3	Mademore 108 1/2	Closed fast 8	
2Sep68-1Aqu	fst 1	.46% 1.11% 1.38 Clm	3500	2 12 11 9 1 12 14 7 9 5 1 1	KKnapp	112	18.70	66-13	Swapme 116 1/2	Summer Rocket 115 5/8	Remains 119 2/3	Lackedeary foot 14	
15Aug68-2Sar	fst 1	.47 1.12% 1.39% Clm	3500	7 10 10 7 1 8 10 5 4 1 3 1	MVenezia	112	8.40	73-12	Chinese Puzzle 122 1/2	Mademore 108 1/2	Peter's Folly 112 2/3	Poor start 10	
18Jly 68-4Aqu	fst 1 1/2	.47% 1.13 1.52% Clm	4000	11 6 6 12 8 11 7 15 7 18	HWoodhouse	112	46.90	55-15	Came To Play 120 6/8	Voters Guide 108 1/2	Col. Pyncheon 113 3/8	No speed 12	
2Jly 68-2Aqu	sly 1	.45% 1.11% 1.38% Clm	4000	6 8 8 15 8 11 7 6 5 4	MVenezia	119	8.90	73-14	Chinese Puzzle 117 0/8	Share The Luck 114 3/8	Native Sallor 111 1/2	No thr't 8	
28Jun68-9Bel	fst 1	.47% 1.12% 1.38% Clm	5750	5 7 7 1 6 8 1 9 8 1 9 8 1 9	MVenezia	113	28.10	61-15	Arturo's Pride 117 3/8	Clever 103 1/2	Liaison 117 3/8	Disliked slop 9	
24Jun68-4Bel	fst 1 1/2	.46% 1.12% 1.46 Clm	5075	5 10 10 15	Lost rider	MVenezia	110	21.70	—	Portfolio 111 2/3	Golden Mike 116 1/2	Righteous Teddy 118 0/8	Stumbled 10
11Jun68-9Bel	fst 1 1/2	.46% 1.12% 1.47% Clm	3500	7 9 9 11 5 7 4 4 1 1 1	MVenezia	118	7.60	65-17	Peter's Folly 118 1/2	Luceria 113 1/2	Prince Oscar 118 4/8	Driving 9	
5Jun68-1Bel	fst 6f	.22% .47% 1.13% Md	4000	6 10 9 13 8 6 5 9 4 4 1	MVenezia	111	16.20f	76-15	Four Martinis 115 1/2	The Seven Jays 115 2/3	Rep 111 0/8	Mild late bid 12	
7May68-1Aqu	fst 1 1/2	.49% 1.14% 1.54% Md	3500	11 2 2 10 9 1 10 13 9 13	DZambrana 7	103	35.20	52-23	Wawra 119 2/3	Never Never Land 114 1/2	What Say 114 1/2	Brief foot 11	
20Apr68-1Aqu	fst 6f	.23 .47 1.13 Md	3500	3 7 11 9 1 11 12 10 9 1 10 7 1	DBThomas 5	108	20.50	70-19	Arabian Count 114 0/8	Johns Flyer 112 0/8	Frozen Stiff 111 1/2	No speed 14	
LATEST WORKOUTS		Aug 29 Bel tr.t. 3f fst .36% h		Aug 10 Sar 6f fst 1.15% h				Aug 3 Sar tr.t. 6f fst 1.17% h					

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	46.3	112.2	139.1	15.00	7.50	2.25	0.75

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

RAW ENERGY FACTORS

Name	Total	Hidden	Fx	Med	Lex	3rd	ESP Type
TAILL	52.17	50.46	52.65	68.22	31.78	49.70	E/P Presser
PETRS	52.25	50.83	52.68	67.96	32.04	50.26	S/P Presser

E N T R O P Y
* * * * *

SORT DC/V COMPOSITE LOW IS BEST

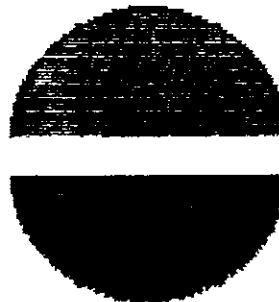
Name	Ep/dv	P/dv	He/dv	Td/dv	Pm/dv	Total
TAILL	1	1	2	2	2	8
PETRS	2	2	1	1	1	7

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.

TD/DV

TAILL

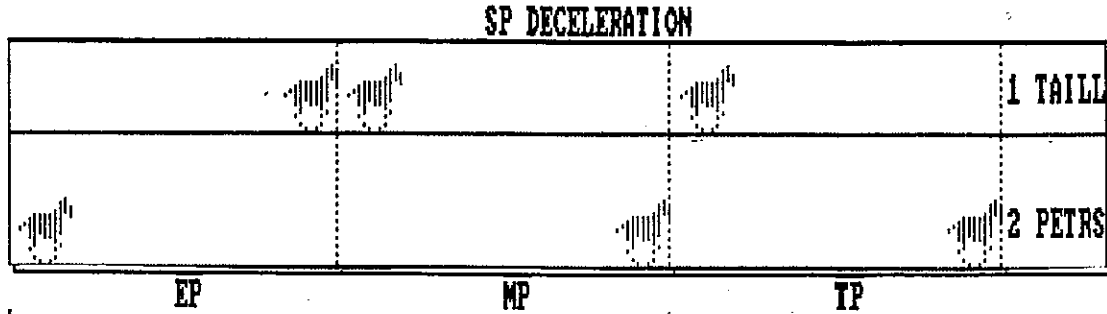
89.38



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 X2 X X	X1 X X X2	X 2=PETERS X 1=TAILL X 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=PETERS X X 1=TAILL X X
Start	1st	2nd	3rd

Doctor E Match Up

	X 1 X X X X X 2	X 2 X X X X 1 X	X 2=PETERS X X X X 1=TAILL X
Start	1st	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 horse.

PACE OF RACE / PACE OF HORSE

POR	58.90	54.55 ✓	49.82
TAILL	55.80	54.21	49.70

RATIO	97.73	99.39	100.15

PACE OF RACE / PACE OF HORSE

POR	58.85	54.70 ✓	49.25
PETRS	55.11	53.45	50.28 ✓

RATIO	97.27	97.73	102.05 ✓

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.

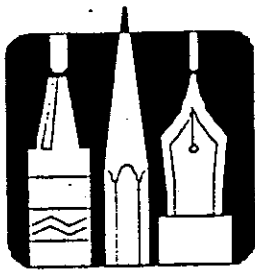
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And finally, my heartfelt thanks and warm affection to all of you who so kindly sent me Get Well Cards, Flowers and relayed messages of Good Will about my recent surgery. I never mentioned it because a hernia operation can hardly compare with a Mastectomy 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.



FROM THE
Editor's
Desk



The LAS VEGAS SPRING SEMINAR (see enclosed flier) will be JUNE 4,5,6 (Read the flier carefully this one looks 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 number 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.

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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.

-----0-----

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 coming 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? *

THE SARTIN METHODOLOGY, INC.
Thoromation™
 CLIENT REPORT FORM

NAME DREYER
 TRACK(S) GGF

Sincerely

Ted
 Ted Dreyer

ALTERNATE ADJUSTMENT ● (1)

Stop Action Instant PREplay

2nd Window - MP
 (DPH screen)
 Designated Place Horse

	Thoromation			EXDC Screen			SP Screen			2nd Window - MP		First Window
	1	2	3	1	2	3	1	2	3	1	2	EP
✓ 1	A	B	C	A	B	C	C	D	W	C	B	A
✓ 2	D	B	A	D	B	A	D	B	A	B	A	B
✓ 3	F	W	D	F	W	D	C	F	A	D	F	D
4	D	S	C	D	S	A	C	B	D	A	W	A
5	B	E	C	B	D	C	D	B	C	C	W	B
✓ 6	E	A	B	E	A	B	D	B	E	E	D	A
7	C	E	F	C	E	D	C	E	F	D	A	F
✓ 8	A	F	B	A	F	H	A	F	B	H	B	H
9	A	F	C	A	F	D	A	B	F	E	B	B
10	A	F	E	B	C	A	A	B	E	E	A	A
✓ 11	E	A	D	E	A	A	E	A	D	A	E	A
12	F	D	A	F	D	A	D	F	B	D	B	D
✓ 13	A	W	E	A	W	E	B	E	A	A	W	A
✓ 14	B	A	D	B	A	D	B	A	E	B	C	C
✓ 15	A	W	C	B	A	C	C	A	D	C	B	C
16	E	B	D	A	E	C	A	B	D	B	A	D
17	B	A	C	F	E	B	A	B	C	B	E	A
✓ 18	C	W	A	C	W	A	A	P	C	C	W	C
✓ 19	C	W	A	D	C	B	C	W	A	A	B	C
✓ 20	C	P	D	A	B	C	C	P	D	C	A	A

12 of 20

121

Follow Code precisely

- W = Win
- P = Place
- S = Show
- Ø = Out of Money

When winner is not in computer, mark X

* Article - NEXT FU

TUESDAY, APRIL 13TH

5:30 AM

DEAR DR. SARTIN:

IT'S AN IDYLIC MORNING ON THE WEST COAST OF FLORIDA. MY HOSTS, SECURE IN THE KNOWLEDGE THAT I'VE ONCE AGAIN (CONFIDENTIAL INFO - NOT FOR PUBLIC VIEWING, HS) ARE BLISSFULLY ASLEEP.

THESE PEACEFUL MORNING HOURS USUALLY FIND ME REREADING FOLLOW UP'S, STRIVING TO "GET IT", TO OVERTAKE THIRTY YEARS OF LINEAR HANDICAPPING

A YEAR'S EXPOSURE TO PIRCO AND SYNERGISM II GOT ME CLOSE, FAILING ONLY TO COMBAT USER SLOTH AND ANXIETY. SIX WEEKS WITH MATCH-UP II AND ITS KINETIC PREPLAY SCREENS PROMISE THE WORLD - CHAOS HAS BECOME ORDER - I'M ON MY WAY.

A FELLOW CLIENT, FRESH FROM NEW ORLEANS, MENTIONED A JUNE SEMINAR IN VEGAS. I WILL BE THERE, MY FIRST OF MANY TO BE SURE, AWAITING THE PLEASURE OF SHAKING YOUR HAND, POURING A DRINK, AND TOASTING A THOUSAND TOMORROWS

Sincerely,

Mark Fogarty

BETTING [against] THE ODDS-ON FAVORITE W/ THOROMATION & ENTROPY

BY
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 selcted 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 Bidy 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.

7



1 1/2 MILES. (140) 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.

LASIX—Her Elegant Ways, Officer Lea, Looie Capote, Amorously, Iddy Biddy Dollar.

Her Elegant Ways

DR. L. or Dr. E. (Jan), by Habington—Laura's Star, by Key to the Kingdom
PINCAY L JR (78 11 15 16)
Own—Ridder Thoroughbred Stable

Tr.—Coccolia Lewis (8 0 2 20)
Tr.—Mabee Mr.—Mrs John C (Ky)
Tr.—Hoffman David (14 1 7 0 37)

Lifetime 1982 3 1 1 3 \$47,725
1981 7 1 1 4 \$38,675
1980 4 0 1 2 \$21,825
1979 1 1 0 0 \$17,500

Officer Lea

PINCAY L JR (76 11 13 13)
Own—Ridder Thoroughbred Stable

B. F. 4, by Nodouble—Zephyrus, by Seattle Slew
Tr.—Wooden Horse Investments—Finney (Ky)
Tr.—Hoffman David (14 1 7 0 37)

Lifetime 1982 7 0 1 1 \$19,425
1981 17 1 1 1 \$21,125
1980 11 1 1 1 \$11,250
1979 1 0 0 1 \$11,250

Looie Capote

DELAHOUSSEY E (86 10 20 20)
Own—Gehman Lois E or Martin L

B. F. 3 (Mar), by Capote—Catch On Quick, by Swarzen
Tr.—Beal & French Jr & Loradale (Ky)
Tr.—Klayman Eyal (2 0 1 0 30)

Lifetime 1982 8 1 1 3 \$104,750
1981 8 1 3 2 \$118,395
1980 2 0 0 2 \$21,825

Amorously

FLORES DR (57 12 4 21 21)
Own—Sarkowsky & Wypod

B. F. 4, by Roberts—Pirate's Glow, by Pirate's Bounty
Tr.—Wypod & Sarkowsky (Ky)
Tr.—Mandella Richard (25 2 3 2 38)

Lifetime 1982 5 1 2 0 \$35,850
1981 4 1 1 0 \$28,875
1980 6 1 1 0 \$35,525

Iddy Biddy Dollar

NAKATANI CS (51 12 5 6 28)
Own—Kashimura Kip

B. F. 3 (Feb), by Speed A Buck—Id Am Fac, by Nodouble
Tr.—Hunter Farm (Fla)
Tr.—Spur BN (23 4 4 2 17)

Lifetime 1982 14 5 2 6 \$123,000
1981 6 1 0 2 \$11,710
1980 3 0 0 0 \$1,700
1979 3 1 1 1 \$21,800

Amorously - Very competitive in my match up scenario, a definite 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 ENTROPY 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, - *a lot*.) 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 ENTROPY so I ran this same race through the program to see how it would fare. The results are consistent 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 truly 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

5174 SEVENTH RACE. 1-1/16 miles. Fillies & mares, Three year olds & up. Allowance. Purse \$37,000.

4152 Amorously, Flores	115	5	1	3hd	31	1 1/2	1 1/2	14	8.20
5007 Officer Lea, Pincay	117	2	5	5 1/2	6	5 1/2	3 1/2	2hd	12.30
5055 Looie Capote, Dihssye	116	3	2	1 1/2	1hd	2 1/2	2 1/2	3 5/8	8.80
5077 Riddy Biddy Dollar, Nktnl	113	6	4	4 1/2	4 1/2	4 1/2	4hd	4no	6.75
(4225) Devil's Swap, McCarron	115	4	3	2 1/2	2 1/2	3 1/2	5 1/2	5	2.60
4213 Her Elegant Ways, Solls	115	1	6	6	5 1/2	6	6	*	19.00

*Her Elegant Ways eased up.

5—AMOROUSLY	18.40	8.80	3.80
2—OFFICER LEA	12.20	4.60	
3—LOOIE CAPOTE	2.40		

Time—23 2/5, 46 4/5, 1.11, 1.36, 1.42 2/5. Cloudy & fast. Winner—b.f.88 Roberto—Pirate's Glow. Trained by Richard Mandella. Mutuel pool—\$314,143. Exacta pool—\$367,314.

\$2 EXACTA (5-2) PAID \$160.60

ENTROPY

DREAM RACE DECELERATION PARS

Name	Ep/dv	P/dv	He/dv	Td/dv	Pm/dv
amour	99.041	101.289	98.727	96.381	95.154
idddy	100.000	101.606	96.940	96.638	96.638
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

Name	Ep/dv	P/dv	He/dv	Td/dv	Pm/dv
amour	100.967	100.725	97.552	97.478	97.478
looh	100.554	100.750	99.483	98.988	99.101
lea	100.891	100.322	97.971	98.202	98.073
idddy	99.880	99.911	100.632	100.281	100.466

SORT DC/V COMPOSITE

Name	Ep/dv	P/dv	He/dv	Td/dv	Pm/dv	Total
idddy	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

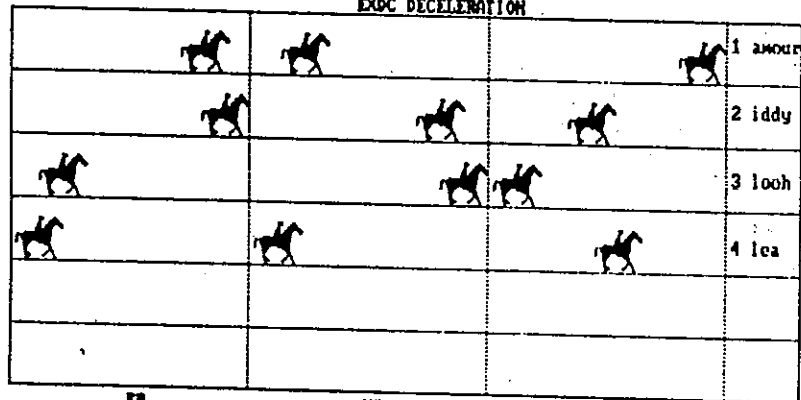
KINETIC GENERATOR

Race: 12057b Dist = 8.5 FURLONGS Comments: alw flm nw3000 2x

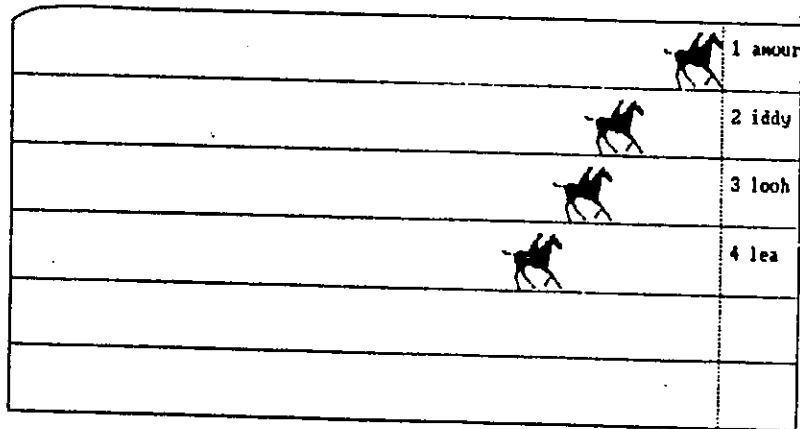
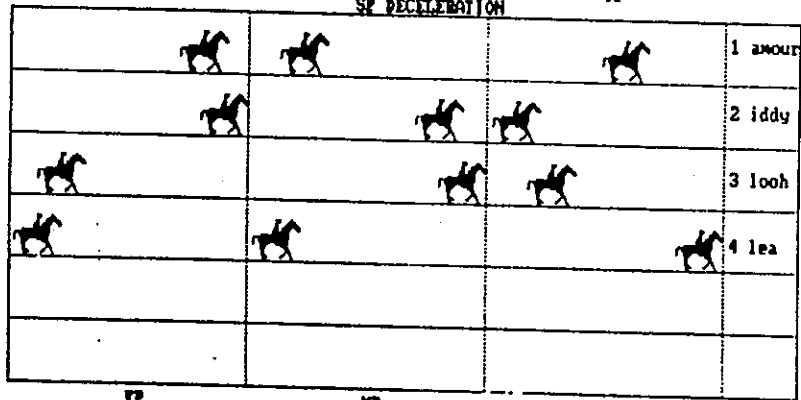
ENERGY FACTORS

Name	Total	Hidden	Fx	Med	Lex	3rd	ESP Type
1st (mi) amour	164.38	65.39	66.82	68.01	31.99	32.31	S/P Presser
2nd (W/bmi) iddy	161.67	65.32	66.21	68.12	31.88	31.37	E/P Presser
3rd (W/bmi) looh	165.04	65.67	66.11	68.57	31.43	31.95	S/P Presser
4th (mi) lea	162.28	65.71	66.94	67.13	32.87	32.54	Sustained

EDC DECELERATION



SP DECELERATION



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

OLDEST IN USA — FOUNDED 1976 — LAS VEGAS, NEVADA

News You Can Bet

SPORTS FORM



Mahl Here

By HUEY MAHL

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 Rouso, 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.....

C O M M E N T A R Y

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

AMERICAN

Turf

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 important. Even a "chalk" exacta, paying \$20—which is pretty common—is such a solid return. Two very obvious selections give you a better return than either one of them could individually.

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

* 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

RACE: BEYER. DIST: = 6.0 FURLONGS COMMENTS:

NAME	F W	E P	S P	T T	F X	W X
24.3	58.99	58.88	58.18	57.11	58.82	58.91
GAIN8	58.89	58.88	58.89	57.01	58.63	58.78
23F-3	58.24	58.88	58.02	58.04	58.89	58.46

	F 1	F 2	F 3	S C		SC B/L
Pace	59.99	57.39	57.39	58.88		
24.3	59.99	57.39	53.85	58.88	24.3	0.00
23F-3	59.99	57.39	57.39	58.88	23F-3	0.00
GAIN8	58.38	57.39	58.91	58.88	GAIN8	4.74

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

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

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

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:

MODERN PACE HANDICAPPING

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 computer-assisted 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 handicappers and anyone else interested in appraising one of the most talked about handicapping approaches of the 1980s."
 -- William Quirin

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.

7



1 MILE. (1332) CLAIMING. Purse \$33,000. Fillies. 3-year-olds. Weight, 120 lbs. Non-winners of two races at one mile or over since February 1, allowed 3 lbs.; of a such a race since March 1, 5 lbs. Claiming price \$50,000; if for \$45,000; allowed 2 lbs. (Maiden or races for \$40,000 or less not considered).

LASIX—Fundamental Rights, Mangia Mangia, Eurythmic, Mighty Icy, Short Temper.

Fundamental Rights

NAKATANI C S (308 50 40 40 N)

Ow—Craig Simey H

19Mar31-4SA 1st 1/4 :464 1:122 1:452

19Feb31-1SA sly 1 :462 1:117 1:381

7Jan31-4SA sly 1 :461 1:117 1:383

LATEST WORKOUTS Apr 4 SA 5f 1:042 H

B. F. 3(Jan), by Statly Dew—Princess Clementa, by Roberto

\$50,000 Tr.—Kinderhill Select Bloodstock Inc (NY)

Tr.—Spawr Bill (93 17 10 8 10)

©Mid 32000 71 9 7 813 42 13 Pincay L Jr

©Mid 40000 74 7 5 514 41 214 Pincay L Jr

©Mid c-40000 55 8 8 56 35 44 324 Flores D R

Mar 15 SA 5f 1:032 H

Lifetime 1993 3 1 1 1 \$16,700

5 1 2 1 1992 2 M 1 0 \$4,675

\$21,375 Wet 2 0 1 1 \$6,000

77-81 FndmntlRghts11777Ch11771B1d0D117 Trouble, driving 10

79-81 PttWa11777FndmntlRghts11777RrMiss117 Wide final 3/8 8

75-81 BeckyWho11777Chet11777FndmntlRghts117 Wide trip 10

Mangia Mangia

STEVENS B L (301 75 61 53 28)

Ow—Banching Carol & Tony

19Mar31-2SA 1st 1/4 :464 1:112 1:44

30Jan31-1SA 1st 1/4 :214 .45 1:11

13Jan31-3SA sly 7/8 :221 .452 1:254

31Dec31-2SA gd 6/8 :214 .45 1:174

30Dec31-3Hol 1st 6/8 :214 .443 1:153

28Oct31-4SA 1st 6/8 :213 .452 1:11

LATEST WORKOUTS Mar 31 SA 5f 1:017 H

B. F. 3(Feb), by Banquet Table—Rattatattat, by Ach Ack

\$50,000 Tr.—Banching Carol & Tony (Cal)

Tr.—Luby Open (47 5 2 3 11)

©Alw 30000 63 2 5 541 510 514 Nakatani C S

©Cim 40000 73 1 7 771 644 42 13 Nakatani C S

©CIBr 40000 40 4 8 793 310 91 909 Atkins 87

©Alw 34000 43 5 2 34 34 44 112 Delahoussaye E

©Alw 31000 28 9 4 864 654 43 21 Delahoussaye E

©Mid 32000 71 5 7 644 411 211 12 Solis A

Mar 12 SA 6f 1:15 H

Lifetime 1993 3 1 0 0 \$15,750

6 2 1 0 1992 3 1 1 0 \$10,100

\$33,850 Wet 1 0 0 0 0

70-81 WithAWink11777Amndr11777RunningRepe117 No mishap 7

82-81 Mnd11577AdrsPrspct11777MissLcrd115 4-wide stretch 8

53-55 Frans Lass11777Booklore11577Baja Belle114 Wide trip 10

67-79 Crd1Dcnc11577Frms11777Psb1115 1-wide backstretch 5

53-08 Bornestermorn11677MngMng11677JollNt116 Wide 3/8 9

81-86 MngMng11777AuCourt11777ProudProwss117 Driving 10

Eurythmic

BESORMEAUX K J (227 62 30 27)

Ow—Hech & Kleinbrecht

19Mar31-1SA 1st 6/8 :214 .444 1:164

19Feb31-3SA sly 6/8 :214 .444 1:17

23Jan31-2SA 1st 6/8 :22 .452 1:171

30Dec31-3Hol 1st 6/8 :214 .443 1:17

LATEST WORKOUTS Apr 3 SA 4f 1:477 H

B. F. 3(Apr), by Phone Trick—Sweet Slinger, by King King

\$50,000 Tr.—Wynne Howell S (Ky)

Tr.—Hech R B Jr (127 23 25 15 10)

©Cim 50000 79 5 6 64 564 43 22 Desormeaux K J LB 115 5.00

©Cim 50000 62 7 2 34 42 634 674 Desormeaux K J LB 115 1.00

©Alw 34000 65 4 2 44 414 424 444 Stevens G L LB 115 1.20

©Mid c-32000 60 9 7 55 31 224 124 Desormeaux K J B 115 1.30

Mar 29 SA 4f 1:521 H

Lifetime 1993 3 0 1 0 \$8,550

4 1 1 0 1992 1 1 0 0 \$8,000

\$17,550 Wet 1 0 0 0 0

85-86 Sdpckts11777Erythmic115117CncrdsSpr115 4-wide stretch 7

78-85 Sdpckts11777CncrdsSpr116217FbsGb115 6-wide stretch 8

78-85 Tow118117SouthrnSwitch115217Any'sTrsw117 Weakened 7

87-88 Erythmic119217PUnk119217Ad'sPrspct119 Wide rally 11

Mighty Icy

ALYBAUM F T (103 8 8 8 80)

Ow—Aperbach Ernest

19Mar31-2SA 1st 6/8 :221 .453 1:172

20Dec31-3Hol 1st 6/8 :223 .461 1:112

LATEST WORKOUTS Apr 3 Hol 6f 1:124 H

B. F. 3(Mar), by Gralton-GB—Eco Stealer, by Zaccoppe

\$50,000 Tr.—E. A. Ranchos (Ky)

Tr.—Wetton Richard C (10 3 2 0 30)

©Mid 32000 74 8 1 43 32 11 124 Alyraado F T LB 117 1.00

©Mid 32000 46 5 5 574 34 35 514 Alyraado F T B 119 28.00

Mar 27 Hol 5f 1:017 H

Lifetime 1993 1 1 0 0 \$4,750

2 1 0 0 1992 1 0 0 0 \$400

\$4,750 Wet 1 0 0 0 0

84-86 MightyIcy11777KngsRngQn11777Impcr117 4-wide stretch 11

72-86 AdrsPrspct11977LfsAbn11977PwrEngmnt117 Gave way 8

Mar 1 Hol 6f 1:134 H

Short Temper

GULAS L L (NR 2 12 6 82)

Ow—Thred Star Stable

20Feb31-1SA 1st 6/8 :212 .443 1:104

19Feb31-2SA gd 6/8 :222 .462 1:19

13Jan31-3SA sly 7/8 :221 .452 1:254

25Dec31-2SA gd 6/8 :214 .444 1:10

30c31-6SA 1st 6/8 :213 .442 1:103

15c31-40w 1st 6/8 :22 .45 1:091

LATEST WORKOUTS Apr 1 SA 3f 1:344 H

B. F. 3(Jan), by Northern Passage—Sharp Temper, by Temperance Hill

\$45,000 Tr.—Pattam C N (Cal)

Tr.—Pattam Virvan M (10 2 1 1 11)

©Cim 25000 48 8 0 707 814 811 814 Torres H LB 115 23.50

©Cim 20000 43 1 3 24 24 810 813 Torres H L 113 15.50

©CIBr 40000 26 6 4 674 644 10198274 Torres H L 114 22.50

©Mid 20000 68 3 5 314 34 114 124 Torres H LB 115 1.30

©Mid Sp Wt 50 5 6 644 814 914 914 Gulas L L B 112 120.00

©Mid Sp Wt 36 2 9 910 912 817 825 Warren R J Jr B 117 75.20

Mar 24 SA 7f 1:26 H

Lifetime 1993 3 0 0 0 \$8,500

8 1 0 0 1992 3 1 0 0 \$8,500

\$9,500 Wet 1 0 0 0 0

78-80 SangreFria11977CrtfreeBeuty11577BuyABride115 Outrun 11

82-85 Ad'sPrspct11977PpKAlthMa11577MissLcrd116 Faltered 8

47-55 Frans Lass11777Booklore11577Baja Belle114 Outrun 10

86-88 ShortTemp11577TndTA11777ShortStors117 Inside trip 9

71-81 Tpstress11777MyIrishLdy11777AmbrKlity117 No mishap 10

88-87 SetThemFree11777EchnidSpot11777Afto117 Broke slowly 9

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

#	NAME	DIST.	1ST CALL	2ND CALL	FIN. CALL	1st B/L	2nd B/L	Stretch B/L	Final B/L
1	FUN-2	8.0	46.2	111.3	138.1	2.50	1.75	1.50	0.00
2	MAN	8.5	46.4	111.2	144.0	4.50	9.00	9.00	9.00
3	SHOT	8.0	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
6	E								

USING THE MULTIPLIER AND DOC'S
NO MORE THAN 9 BEATEN LENGTHS RULE.

COMPOSITE RATINGS

Name	Npr	Lpr	Cpr		
FUN-2	85.2 2	84.7 2	170.0 1	-	50.1
MAN	79.0 5	84.5 3	163.5 5	+6	48.3
SHOT	81.8 3	84.2 4 3	166.0 2	+2	49.3
MIGH	80.0 4	85.0 1	165.0 4	+5	48.6
EUR	87.0 1	78.3 4	165.3 3	-9	62.6

KINETIC GENERATOR

Race: C:6678 Dist = 8.0 FURLONGS Comments:

ENERGY FACTORS

Name	Total	Hidden	Fx	Med	Lex	3rd	ESP Type
FUN-2	158.85	64.45	66.95	68.60 ✓	31.40	31.41	Early
MAN	159.18	65.05	66.75	68.28	31.72	31.83	S/P Presser
SHOT	159.08	64.46	67.38 ✓	68.21 ✓	31.79	31.86	S/P Presser
MIGH	157.85	64.89 ✓	66.98	67.92	32.08	31.77	S/P Presser
EUR	159.28	64.50	66.58	67.01 ✗	30.99	31.12	Early

ENTROPY

SORT DC/V COMPOSITE **LOW IS BEST**

Name	Eo/dv	F/dv	He/dv	Td/dv	Fm/dv	Total
SHOT	4	3	1	3	2	13
EUR	1	2	5	5	5	18
FUN-2	2	1	4	4	4	15
MAN	5	5	3	1	1	15
MIGH	3	4	2	2	3	14

Pace	Matchup		
	F 1	F 2	F 3
	35.46	33.37	31.77
SHOT	35.46	32.54	31.77
EUR	35.45	33.37	31.03
FUN-2	35.43	32.94	31.30
MIGH	34.85	32.78	31.63

cr.42

Name	Varius Modules of Exdc		
	Emuv	Smuv	uXr
SHOT	0.088	0.000	0.176
EUR	0.000	0.234	0.234
FUN-2	0.022	0.171	0.192
MIGH	0.090	0.135	0.225

EXDC

		EP	PR	HE	SP	LX	FX	Muv
		===	===	===	===	===	===	===
2nd	FUN-2	1	1	3	2	3	2	0.01
	EUR	2	2	1	4	4	3	0.00
1st	SHOT	3	4	2	3	1	1	0.36
3rd	MIGH	4	3	1	1	2	3	1.83

EXDC PARADIGM

	Paradigm Early		Paradigm Sustained
FUN-2		FUN-2	
EUR		MIGH	
SHOT		SHOT	

	Paradigm Presser
FUN-2	
EUR	
MIGH	

EXDC 2: DECELERATION

	Early Exdc
EUR	
FUN-2	
SHOT	

	Late Exdc
SHOT	
MIGH	
FUN-2	













	Total kpd
SHOT	
MIGH	
FUN-2	

	Total Exdc
MIGH	
SHOT	
FUN-2	













Name	Exdc Deceleration Ratio			CHOICE
	1st	2nd	3rd	
SHOT	100.00	98.41	100.00	5 #1
EUR	99.99	100.00	97.69	7 #2
FUN-2	99.92	99.61	98.53	8 #3
MIGH	98.29	98.36	99.56	10 #4

Name	Kinetic Exdc Module		
	Ekp	Mkp	Lkp
FUN-2	18.05	30.68	12.55
SHOT	18.09	30.34	13.06
MIGH	17.20	30.11	12.97
EUR	18.08	31.12	12.18

EXDC DECELERATION

			1 FUN-2
			2 SHOT
			3 HIGH
			4 EUR

SP DECELERATION

			1 FUN-2
			2 SHOT
			3 HIGH
			4 EUR

EP NP TP

6678 SEVENTH RACE, 1 mile. Three year old fillies. Claiming price \$60,000-\$48,000. Purse \$33,000.

6420 Short Temper, Gulas	108	5	2	12 ^h	11	11	11 ^h	12 ^h	28.10
(6531) Fundamental Rights, Nakatani	115	1	1	2 ^h	4 ^h	5	5	2 nd	2.90
(6484) Mighty Icy, Alvarado	115	4	3	3 ^h	2 ^h	2 nd	2 nd	3 ^h	2.90
6543 Manga Manga, Stevens	115	2	5	4 ^h	3 rd	4 ^h	3 rd	4 th	4.30
6537 Eurythmic, Desormeaux	115	3	4	5	5	3 ^h	4 ^h	5	1.20
8—SHORT TEMPER					28.20	12.60	3.20		
1—FUNDAMENTAL RIGHTS					4.00	2.80			
4—MIGHTY ICY						3.00			

* Time—23 2/5, 47 4/5, 1.12 1/5, 1.24 3/5, 1.37 3/5. Clear & fast. Winner—ch 1.90.
 Northern Passage—Sharp Temper. Trained by Vivian M. Pullam. Mutuel pool—\$261,864.
 Exacta pool—\$245,322. Quinella pool—\$42,872.

\$2 EXACTA (5-1) PAID \$184.80
\$2 QUINELLA (1-5) 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

by

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).

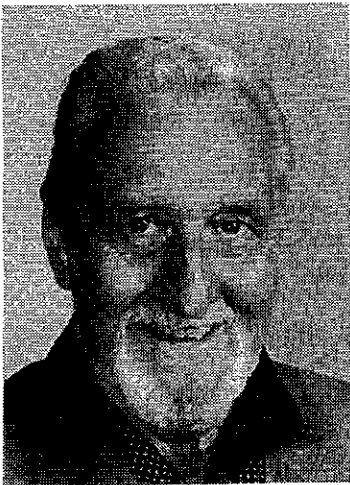
Remember Doc's little test where you write down your bets and how you feel when you're making them and your reactions afterwards? How did that work? (16:22-4). And what about that idea for calling the race to yourself before it's run? What's the point of that anyhow? (16:5-6 and 26:43-52). Did you find 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.



Q & A WITH THE DOC

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.

8:10	3:40	3:30
3:20	2:40	4:10
EX 2250		
1/4	1/2	3/4
Fin		

Morning Line Ratings: 6 - 3 - 2

1	2	3	4	5	6	7
1 TORME Dave Hudon & Allan Smith - Surrey & Ladysmith, B.C. (5250) B h 4 (Ca) Denal - All That Jazz - Mr Jazz Tr. Dave Hudon (.235)						
1						
6-1						
2 PLAZMA Dianne Ferguson - Surrey, B.C. (5000) B h 8 (C) Plaza Blvd - Maple Hills Carls - Hank The Dauber Tr. Dianne Ferguson (.330)						
2						
4-1						
3 PATSYS BUNNY NW Bruce Murdoch - Prince George, B.C. (5000) B g 7 (Wash) B Gs Bunny - Glenburg Pal - Von Baron Tr. Jim Mohorich (.316)						
3						
7-2						
4 JONES BOND Roy Wills - Lumsden, Saskatchewan. (5000) B g 7 (BC) Kid Hanover - Erin Jove - Tar Duke Tr. Roy Wills (.071)						
4						
5-1						
5 HAPPY JOE N Joe Pastor - Richmond, B.C. (5000) B g 7 (NZ) Shicker - Vicki Jo - Out To Win Tr. Paul Megens (.234)						
5						
9-2						
6 BRITTANY SUN Boyd Burke & Tim Wiesner - Mt. Lehman & Coq., B.C. (5000) B h 8 (Ata) Brittany Road - Sunday Pops - Ailiner Tr. Boyd Burke (.348)						
6						
3-1						
7 SMARTS Cam Gardner & Janice Wheeler - Surrey, B.C. (5000) B h 5 (Ca) Denal - Truly Sooty - Le Mans Chip Tr. Ken Dorman (.222)						
7						
10-1						

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		Name	ADJUSTED		
		Median	Factor X		Total	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.M20	42.79	66.63	43.49
7.M20	42.46	67.05	42.27	7.M20	42.77	66.08	42.78
2.M21	42.19	68.04	41.58	2.M21	42.58	66.77	43.44

Pace	Matchup			Name	Deceleration Pars		
	F 1	F 2	Fin		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

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	F W	H E	S P	F X	L X	Muv
	===	===	===	===	===	===	===
1.M20	1	3	6	3	3	5	0.00
5.M20	2	4	4	4	4	4	0.47
2.M21	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 and LX 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 _____		6.M20 _____
1.M20 _____		7.M20 _____

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.

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

* * * * *

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	>>>	42.71	67.25	41.96
LOW	>>>	42.19	66.87	40.44

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.

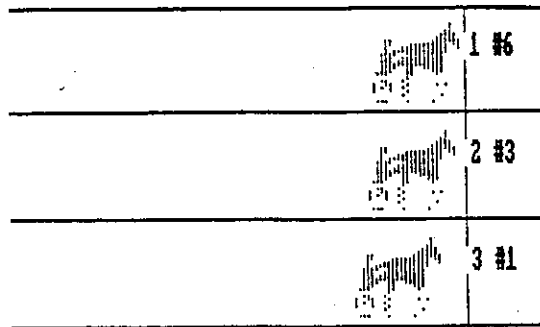
X 1		X 3 4	X 6
X 2 3		X 2 6	X
X		X	X
X		X 1	X
X 4		X	X
X 5		X 5	X
X 6		X	X
X		X	X
X		X	X
X		X	X 3
X		X	X 5
X		X	X
X		X	X
X		X	X 1
X		X	X
X		X	X
X		X	X 4

Start	1st	2nd	Fin
-------	-----	-----	-----

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



H A R N E S S
* * * * *

	Par/ex E		Par/ex S
#1	████████████████████	#3	████████████████████
#6	████████████████████	#6	████████████████████
#3	████████████████████	#1	████████████████████
	Par/ex P		
#6	████████████████████		
#3	████████████████████		
#1	████████████████████		

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
76.4	11.20	2.63%
61.1	8.90	1.09%
66.0	8.80	1.40%
68.0	6.37	1.52%
50.0	11.08	1.25%
68.0	9.34	1.94%
73.0	10.20	2.32%
61.0	8.17	1.24%
75.0	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.

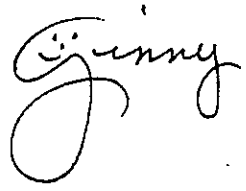
continuing:

%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 ENTROPY program is the PM has to be 92 or better and Fleet has only 89.

I don't know why I chose Marv over Natori in the eighth race, but I think that I was trying to match pace lines for the ENTROPY 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.



TENTH—Purse \$2,800, 4 YO & up, non-winners since 11-17-92, 122, claiming \$2,500, 6 furlongs.
 7. Kobuk Valley (F Gonsalves)..... 13.20, 7.20, 3.60
 3. Fleet Adanac (T Dahlquist)..... 5.00, 2.80
 8. Bargain Land (D Bryson)..... 2.40
 Also ran (in order): Mac B. Nimble, Desert Road, Wind N Hitide, Jaheras, Grits And Split, Alanube. T—1:11.0. Honest Cal was scratched; Kobuck Valley was claimed by owner/trainer Dale Norwick. Tri-fecta 7-3-8: \$87.50. Exacta 7-3: \$43.80.
 HANDLE — \$505,789. ATTENDANCE — 2,692.

EIGHTH—Purse \$3,500, 4 YO & up, fillies and mares, non-winners 2, 120 plus 3, claiming \$5,000, 6 furlongs.
 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.	1ST CALL	2ND CALL	FIN. CALL	1st B/L	2nd B/L	Stretch B/L	Final B/L
1	road	6.0	21.4	45.2	111.1	0.10	0.50	0.10	2.00
2	cal	6.0	22.3	45.4	111.3	7.50	6.50	1.75	3.50
3	fleet	6.0	22.3	45.0	110.0	1.00	0.10	0.00	1.75
4	jah	6.0	22.4	45.2	110.1	0.10	0.10	0.00	3.50
5	kobuk	6.5	22.2	45.2	116.1	4.50	2.50	9.00	5.00
6	barg	6.0	22.4	45.2	110.1	3.00	1.75	2.00	3.50
7									

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

ENERGY GENERATOR

RAW ENERGY FACTORS

Name	Total	Hidden	Fx	Med	Lex	ESP Type
road	167.33	63.64	66.42	69.35	30.64	Early
cal	165.78	65.07	65.08	68.33	31.67	S/P Presser
fleet	169.86	66.02	65.51	69.36	30.62	E/P Presser
jah	168.96	65.87	65.56	68.95	31.05	S/P Presser
kobuk	169.03	65.75	65.98	68.69	31.31	S/P Presser
barg	168.94	66.16	65.42	68.79	31.21	S/P Presser

Total Med 3rd

HIGH	>>>	169.86	69.36	31.40
AVERAGE	>>>	168.32	68.92	31.02
LOW	>>>	165.78	68.33	30.20

ENTROPY

Race: 032510 Dist = 6.0 FURLONGS Comments:

Name	Total	2ndCall	Par Med	Name	Total	Median	Dte
road	167.32	69.34	87.940	barg	170.56	68.64	97.685
cal	165.77	68.13	91.603	kobuk	170.55	68.53	97.685
kobuk	169.02	68.27	92.196+	jah	170.55	68.80	97.680
fleet	169.85	69.05	89.618	cal	170.54	68.79	97.677
jah	168.96	68.79	90.701	fleet	170.54	69.05	97.677
barg	168.94	68.45	91.611	road	170.53	69.50	97.672

SORT DC/V COMPOSITE

Name	Ep/dv	P/dv	He/dv	Td/dv	Pm/dv	Total
road	5	6	6	6	6	29 X
cal	6	5	3	4	3	21 X
kobuk	4	3	1	2	1	11
fleet	1	1	5	5	5	17
jah	2	2	4	3	4	15
barg	3	4	2	1	2	12

USING ENTROPY
TO ELIMINATE
NON-
CONTENDERS

#	NAME	DIST.	1ST CALL	2ND CALL	FIN. CALL	1st B/L	2nd B/L	Stretch B/L	Final B/L
1	fleet	6.0	22.3	45.0	110.0	1.00	0.10	0.00	1.75
2	jah	6.0	22.4	45.2	110.1	0.10	0.10	0.00	3.50
3	kobuk	6.0	22.2	45.2	110.0	4.50	2.50	9.00	5.00
4	barg	6.0	22.4	45.2	110.1	3.00	1.75	2.00	3.50

← Now 4 Horses

#	NAME	DIST.	1ST CALL	2ND CALL	FIN. CALL	1st B/L	2nd B/L	Stretch B/L	Final B/L
1	fleet	6.0	22.3	45.0	110.0	1.00	0.10	0.00	1.75
2	jah	6.0	22.4	45.2	110.1	0.10	0.10	0.00	3.50
3	kobuk	6.0	22.2	45.2	110.0	4.50	2.50	9.00	5.00
4	barg	6.0	22.4	45.2	110.1	3.00	1.75	2.00	3.50

#	NAME	DIST.	1ST CALL	2ND CALL	FIN. CALL	1st B/L	2nd B/L	Stretch B/L	Final B/L
1	fleet	6.0	22.3	45.0	110.0	1.00	0.10	0.00	1.75
2	jah	6.0	22.4	45.2	110.1	0.10	0.10	0.00	3.50
3	kobuk	6.0	22.2	45.2	110.0	4.50	2.50	9.00	5.00
4	barg	6.0	22.4	45.2	110.1	3.00	1.75	2.00	3.50

#	NAME	DIST.	1ST CALL	2ND CALL	FIN. CALL	1st B/L	2nd B/L	Stretch B/L	Final B/L
1	fleet	6.0	22.3	45.0	110.0	1.00	0.10	0.00	1.75
2	jah	6.0	22.4	45.2	110.1	0.10	0.10	0.00	3.50
3	kobuk	6.0	22.2	45.2	110.0	4.50	2.50	9.00	5.00
4	barg	6.0	22.4	45.2	110.1	3.00	1.75	2.00	3.50



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, Kokub Valley, Bargain Land, Mac B. Nimble, Just A Country Boy, Keizer. BUTAZOLIDIN—Desert Road, Honest Cal, Fleet Adanac, Jaheras, Grits and Split, Alanube, Kokub Valley, Bargain Land, Wind N Hitide, Mac B. Nimble, Just A Country Boy, Smart Too, Keizer.

Desert Road

Table with columns for race date, time, distance, and horse name. Includes horses like 10Mar92-SP1A fst 6f and 15Mar92-SP1A fst 6f.

B. g. 8, by Cactus Road—Beam's Joy, by Truxton King Br.—Gayno Stables (Cal) Tr.—Jennee Bonnie (65 15 8 12 23)

Table with columns for race date, time, distance, and horse name. Includes horses like 54 4 2 34 37 45 64 Garcia J L and 51 4 2 11 2nd 32 44 Garcia J L.

Table with columns for Lifetime, 1992, 1991, and Wet. Includes handwritten notes like '1229 8' and '14470'.

Honest Cal

Table with columns for race date, time, distance, and horse name. Includes horses like 10Mar92-4YM gd 6f and 15Mar92-4YM gd 6f.

B. g. 5, by Night Time—War Flower, by Relics of Wars Br.—Schubert Rae (Wash) Tr.—Cronewett Sam (3 0 0 0 .00)

Table with columns for race date, time, distance, and horse name. Includes horses like 60 2 8 84 73 63 44 Hoonan D and 52 1 6 42 35 33 64 Hoonan D.

Table with columns for Lifetime, 1992, 1991, and Wet. Includes handwritten notes like '1220 2' and '544'.

Fleet Adanac

Table with columns for race date, time, distance, and horse name. Includes horses like 10Mar92-10Lga fst 6f and 15Mar92-10Lga fst 6f.

Ch. g. 5, by Defense Verdict—Suzanne's Delight, by Lt Stevens Br.—Northwest Farms (Wash) Tr.—Glatt Ron (45 5 5 .11)

Table with columns for race date, time, distance, and horse name. Includes horses like 60 2 8 84 73 63 44 Hoonan D and 52 1 6 42 35 33 64 Hoonan D.

Table with columns for Lifetime, 1992, 1991, and Wet. Includes handwritten notes like '1229 9' and '544'.

Jaheras

Table with columns for race date, time, distance, and horse name. Includes horses like 10Mar92-10YM fst 5f and 15Mar92-10YM fst 5f.

Dk. b. or br. g. 5, by Maheras—Sio's, by Meme's Papa Br.—Barratt Bonnie F (Wash) Tr.—Wright Kim (47 8 5 4 .17)

Table with columns for race date, time, distance, and horse name. Includes horses like 19 2 3 65 714 816 812 Unshuay A and 2 — — — — — Mitchell G V.

Table with columns for Lifetime, 1993, 1992, and Wet. Includes handwritten notes like '1229 10' and '544'.

Grits And Split

Table with columns for race date, time, distance, and horse name. Includes horses like 10Mar92-7YM fst 5f and 15Mar92-7YM fst 5f.

Ch. g. 11, by King Of The Sea—Georgia Grits, by Grits And Gravy Br.—Smith S A & W A (Wash) Tr.—Shields Bonnie (22 0 0 2 .00)

Table with columns for race date, time, distance, and horse name. Includes horses like 52 8 1 2nd 2nd 31 32 Corrales J and 50 8 2 22 23 32 44 Corrales J.

Table with columns for Lifetime, 1993, 1992, and Wet. Includes handwritten notes like '1229 11' and '544'.

Alanube

Table with columns for race date, time, distance, and horse name. Includes horses like 28Mar92-3YM fst 6f and 15Mar92-3YM fst 6f.

Ch. g. 6, by Gallant Act—Our Dana, by Eager Eagle Br.—Fields J & Partners (Wash) Tr.—Fields James V (56 2 5 7 .04)

Table with columns for race date, time, distance, and horse name. Includes horses like 41 5 9 911 912 912 873 Bryson D and 51 6 9 1011 1051 443 Bryson D.

Table with columns for Lifetime, 1993, 1992, and Wet. Includes handwritten notes like '1229 12' and '544'.

Kobuk Valley

CH. G. 7, by Kobuk Country—Ole Penin, by Inlian Hemp
Br.—Stark M D (Cal)
Tr.—Ross Sharon (38 9 3 4 23) 31.05/15
\$2,500
Own.—Ross Sharon

Table with columns for race number, date, time, distance, and horse name. Includes entries like 14Mar92-3Lga fst 6f, 31May92-3Lga fst 6f, etc.

Lifetime 1992 9 2 1 0 \$5,985
31 5 5 4 1991 8 2 1 0 \$7,483
\$36,843 Turf 1 6 0 0
16470-1069

Bargain Land

CH. G. 7, by Bargain Day—Satis Superque, by Promised Land
Br.—Fogelson E E (Cal)
Tr.—Garza Val (50 3 4 8 26) 25
\$2,500
Own.—Brunetto Angelo

Table with columns for race number, date, time, distance, and horse name. Includes entries like 14Mar92-3YM fst 6f, 27Feb92-10YM fst 6f, etc.

Lifetime 1993 6 0 2 2 \$2,429
81 10 16 11 1992 19 1 6 1 \$5,238
Wet 13 1 4 0 \$3,867

Wind n Hitide

CH. G. 5, by Windy Tide—Lachauette, by Corn Off the Cob
Br.—Seeman C & Nancy (Wash)
Tr.—Knapp Neil (20 0 2 4 00)
\$2,500
Own.—Gordon Jim & Seeman Chuck

Table with columns for race number, date, time, distance, and horse name. Includes entries like 19Mar92-3YM fst 6f, 7May92-4YM fst 6f, etc.

Lifetime 1993 4 0 0 0 \$1,325
34 2 2 8 1992 13 1 0 3 \$2,504
\$4,431

Mac B. Nimble

CH. G. 7, by Crafty Native—Miss Malt, by Ross Sea
Br.—McDowell Mr—Mrs L W (Wash)
Tr.—Gibson Charles (66 9 4 4 34)
\$2,500
Own.—Gibson C & Hillis Larry & Veralene

Table with columns for race number, date, time, distance, and horse name. Includes entries like 14Mar92-3YM fst 6f, 24Apr92-3YM fst 6f, etc.

Lifetime 1993 2 0 0 0 \$1,855
52 6 5 3 1992 10 0 2 0 \$1,855
\$42,959 Turf 2 0 0 0
Wet 4 0 0 0 \$2,183

Just a Country Boy

CH. H. or br. G. 5, by Pappy—Tides Flight, by Windy Tide
Br.—Jacobson R & Susan & Wilson D & R (Wash)
Tr.—Balkon Cliff (13 1 1 3 00)
\$2,500
Own.—Spahr Bob

Table with columns for race number, date, time, distance, and horse name. Includes entries like 20Mar92-1YM fst 6f, 14Mar92-3YM fst 6f, etc.

Lifetime 1993 3 0 0 1 \$486
32 4 0 6 1992 15 2 0 3 \$3,405
\$3,131

Smart Too

CH. H. or br. G. 6, by Smarlee—Berta Flora, by Roberto
Br.—Kam Diane C (Wash)
Tr.—Gibson Vince (81 15 11 13 16)
\$2,500
Own.—Gibson Mr—Mrs Elvira

Table with columns for race number, date, time, distance, and horse name. Includes entries like 20Mar92-1YM fst 6f, 7Mar92-11YM fst 6f, etc.

Lifetime 1993 7 0 2 1 \$1,736
38 3 5 6 1992 11 0 2 1 \$5,961
\$60,505

Keizer

CH. G. 4, by Snake Oil Man—Flying Ky, by Flying Lark
Br.—Boucher Louise & Ray (Ore)
Tr.—Jarvis Pat (108 10 14 21 09)
\$2,500
Own.—Boucher Ray

Table with columns for race number, date, time, distance, and horse name. Includes entries like 13Mar92-3YM fst 6f, 28Feb92-3YM fst 6f, etc.

Lifetime 1993 7 0 0 2 \$1,407
24 3 4 3 1992 17 3 2 2 \$4,234
\$5,741

KINETIC GENERATOR

Race: 032510 Dist = 6.0 FURLONGS Comments:

ENERGY FACTORS

Name	Total	Hidden	Fx	Med	Lex	3rd	ESP Type
fleet	169.86	65.72	65.21	69.20	30.80	30.99	E/P Presser
jah	169.96	65.75	65.43	68.78	31.22	31.16	S/P Presser
kobuk	169.83	65.61	65.84	68.51	31.49	31.44	S/P Presser
harg	169.94	66.04	65.30	68.61	31.39	31.31	S/P Presser

EYDC

Race: 032510 Dist = 6.0 FURLONGS Comments:

Name	Total	RAW		Automatic ADJUSTED			
		Median	Lex	Name	Total	Median	Lex
fleet	169.85	69.07	30.93	fleet	169.85	69.07	30.93
kobuk	169.02	68.54	31.48	kobuk	169.23	68.32	31.68
jah	169.96	68.82	31.18	jah	169.25	68.58	31.42
harg	169.94	68.66	31.34	harg	169.23	68.41	31.59

EYDC

Pace	Matchup			Name	Various Modules of Exdc		
	F 1	F 2	F 3		Emuv	Smuv	uXr
fleet	34.28	34.78	31.35	fleet	0.000	0.143	0.143
kobuk	34.27	34.05	31.35	kobuk	0.086	0.086	0.171
jah	34.13	34.44	31.06	jah	0.067	0.163	0.230
harg	33.83	34.58	31.22	harg	0.146	0.189	0.335

WIN 13.20 →

	E P	P E	H E	S P	L Y	F X	Mov
fleet	1	1	2	3	4	2	0.00
jah	2	3	3	4	3	3	0.75
kobuk	3	4	4	2	1	1	0.61
harg	4	2	1	1	2	4	1.61

EYDC PARADIGM

Paradigm Early		Paradigm Sustained	
fleet	██████████	fleet	██████████
jah	██████████	harg	██████████
harg	██████████	kobuk	██████████

Paradigm Presser	
fleet	██████████
harg	██████████
kobuk	██████████

EXDC & DECELERATION

Early Exdc				Late Exdc			
fleet	██████████	██████████	██████████	kobuk	██████████	██████████	██████████
jah	██████████	██████████	██████████	harg	██████████	██████████	██████████
harg	██████████	██████████	██████████	jah	██████████	██████████	██████████

Total Kpd				Total Exdc			
kobuk	██████████	██████████	██████████	kobuk	██████████	██████████	██████████
harg	██████████	██████████	██████████	harg	██████████	██████████	██████████
jah	██████████	██████████	██████████	jah	██████████	██████████	██████████

Name	Exdc	Deceleration	Ratio	Name	Kinetic Exdc	Module
	1st	2nd	3rd		Ekp	Mkp
fleet	100.00	100.00	98.66	fleet	20.58	34.63
kobuk	99.95	97.87	100.00	jah	20.14	34.46
jah	99.57	99.02	99.09	kobuk	20.01	34.51
harg	98.70	99.40	99.60	harg	19.84	34.61

8



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.

Three Peaches

Table with columns for race dates, distances, and times for Three Peaches. Includes entries like 18Mar93-7Ym gd 6f :241 .474 1:143.

B. m. 5, by Gallant Best—Three Misses, by Third Martin

Table with columns for race dates, distances, and times for Three Peaches. Includes entries like 18Mar93-7Ym gd 6f :241 .474 1:143.

Summary table for Three Peaches with columns for Lifetime, 1993, 1992, and Wet. Includes handwritten notes like 91% and 1.92.

Lake Creek Lady

Table with columns for race dates, distances, and times for Lake Creek Lady. Includes entries like 18Mar93-7Ym gd 6f :241 .474 1:143.

B. f. 4, by Marvins Moving—Moore Bananas, by Windy Tide

Table with columns for race dates, distances, and times for Lake Creek Lady. Includes entries like 18Mar93-7Ym gd 6f :241 .474 1:143.

Summary table for Lake Creek Lady with columns for Lifetime, 1993, 1992, and Wet. Includes handwritten notes like 35% and .78.

Pitch 'n Girl

Table with columns for race dates, distances, and times for Pitch 'n Girl. Includes entries like 18Mar93-7Ym gd 6f :241 .474 1:143.

Dr. h. or br. m. 5, by Pitching Wedge—Hackle Girl, by His Boy II

Table with columns for race dates, distances, and times for Pitch 'n Girl. Includes entries like 18Mar93-7Ym gd 6f :241 .474 1:143.

Summary table for Pitch 'n Girl with columns for Lifetime, 1993, 1992, and Wet. Includes handwritten notes like 91% and .87.

Kootanay Cool

Table with columns for race dates, distances, and times for Kootanay Cool. Includes entries like 18Mar93-10Ym fst 6f :23 .461 1:112.

Gr. f. 4, by Cathedral Bells—Kootanay Bay, by Decile Bay

Table with columns for race dates, distances, and times for Kootanay Cool. Includes entries like 18Mar93-10Ym fst 6f :23 .461 1:112.

Summary table for Kootanay Cool with columns for Lifetime, 1993, 1992, and Wet. Includes handwritten notes like 145% and 1.28.

Marvins Flashylady

Table with columns for race dates, distances, and times for Marvins Flashylady. Includes entries like 18Mar93-7Ym gd 6f :241 .474 1:143.

B. f. 4, by Marvins Moving—Flashing Flanigan, by Skin Head

Table with columns for race dates, distances, and times for Marvins Flashylady. Includes entries like 18Mar93-7Ym gd 6f :241 .474 1:143.

Summary table for Marvins Flashylady with columns for Lifetime, 1993, 1992, and Wet. Includes handwritten notes like 91% and 1.29.

Rebutek

Natori

CORRALES J (439 30 54 50 18)
Own.-Oak Crest Farm
30Apr92-10YM gd 5f :232 :463 1:071
20Feb92-4YM st 5f :231 :474 1:144

Dk. h. or br. f. 4, by Leroy S.—Grand Allure, by Proudest Roman

\$5,000 Br.—Oak Crest Farm (Wash)
Tr.—Ross Sharon (38 9 54 23)
@Cim 5000 43 2 3 23 23 33 43
@Cim 6250 50 2 3 21 21 22 32

Lifetime 1993 2 0 0 1 \$865
13 1 2 1 1992 11 1 2 0 \$5,650

LATEST WORKOUTS

Impish Surprise

NO RIDER (-)
Own.—Buchowicz Paul & Patterson Dean
30Apr92-10YM gd 5f :232 :463 1:071
18Oct92-18M st 1 :472 1:124 1:394
10Oct92-18M st 1 :473 1:124 1:391

Dk. h. or br. f. 4, by Imp Society—Sagittarius Gal, by Fleet Surprise

\$5,000 Br.—Harter & Jones (Ky)
Tr.—Axmaker Peter (14 1 2 2 37)
@Cim 5000 49 5 8 89 49 55 214
@Cim 6250 40 4 6 62 79 719 713

Lifetime 1993 1 0 1 0 \$665
14 1 6 1 1992 6 1 1 1 \$3,025

LATEST WORKOUTS

Grey Lace

FARRELL L (88 5 5 9 86)
Own.—Bar C Racing Stables
21Oct92-6Pla my 5f :24 :463 1:203
30Apr92-3Pla fst 5f :23 :463 1:112
25Sep92-3Pla fst 5f :232 :47 1:14

Gr. f. 4, by Prince Don B.—Lace Gasset, by Young America

\$5,000 Br.—Buenaventura Jaime A (Cal)
Tr.—Christopherson Pamela (1 0 0 0 .00)
@Cim 5000 30 1 2 43 44 39 46
@Cim 6250 32 2 6 47 37 28 214

Lifetime 1992 3 1 1 1 \$1,937
9 1 1 1 1991 0 0 0 0 \$1,937

LATEST WORKOUTS

Cool Heart

DOLL K (278 25 25 33 88)
Own.—Whitaker Darline & Mary Ann
10Mar92-10YM gd 5f :23 :461 1:112
30Apr92-10YM gd 5f :232 :463 1:071
19Feb92-10YM st 1 :48 1:131 1:401

Dk. h. or br. f. 4, by Cool Halo—Okation, by Tonkaton

\$5,000 Br.—Rita E Stables (BC-C)
Tr.—Glatt Row (45 5 6 5 11)
@Cim 5000 40 6 9 99 89 86 65 4
@Cim 6250 47 1 9 10 14 89 45 32

Lifetime 1993 6 1 0 2 \$2,307
19 1 1 5 1992 13 0 1 3 \$3,725

LATEST WORKOUTS

Mentha Bueno

HOGAN B (323 33 25 41 88)
Own.—Bighorn Erna
30Apr92-10YM gd 5f :242 :482 1:142
21Feb92-2YM st 1 :531 1:20 1:553
14Feb92-2YM st 1 :525 :494 1:113

B. f. 4, by El Visibueno—Mentha, by El Botija

\$5,000 Br.—Albert Icaro (Cal)
Tr.—Chipman William J (33 5 9 6 15)
@M 6250 33 1 3 11 12 12 12
@M 8000 32 1 1 14 24 24 24

Lifetime 1993 4 0 1 1 \$2,382
6 1 1 1 1992 2 0 0 0 \$4,500

LATEST WORKOUTS

Devoted Leader

LOMBARDO A A (7 0 0 1 88)
Own.—Clarke Larry & Veneta
18Mar92-7YM gd 5f :241 :474 1:143
5Mar92-10YM gd 1 :472 1:124 1:41
19Feb92-10YM st 1 :48 1:131 1:401

B. f. 4, by Mr Leader—Devoted Daughter, by Naskra

\$5,000 Br.—Thomas P. Whitney (Ky)
Tr.—Clarke James (13 0 0 8 .00)
@Cim 5000 8 6 9 910 913 916 815
@Cim 6250 27 4 5 56 74 98 96

Lifetime 1993 4 0 0 0 \$30
12 1 0 5 1992 8 1 0 5 \$6,165

LATEST WORKOUTS

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#	NAME	DIST.	1ST CALL	2ND CALL	FIN. CALL	1st B/L	2nd B/L	Stretch B/L	Final B/L
1	peach	6.0	23.1	46.3	112.1	7.25	3.25	2.50	2.50
2	lake	6.0	23.0	46.1	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	6.0	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

Name	Total	Hidden	Fx	Med	Lax	ESP Type
peach	164.42	66.07	65.19	68.48	31.52	S/P Presser
lake	165.67	65.63	66.08	68.79	31.21	S/P Presser
pitch	163.64	66.04	65.42	67.80	32.20	Sustained
marv	163.67	65.00	65.30	68.98	31.02	Early
nator	165.99	64.45	66.87	69.37	30.63	E/P Presser
cool	165.69	66.55	65.83	68.13	31.87	Sustained

ENTROPY

Race: 032508 Dist = 6.0 FURLONGS Comments: n/win/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	cool	166.18	67.54	97.852
marv	163.67	68.24	88.904	lake	166.17	68.19	97.644
peach	164.42	67.47	92.130	peach	165.33	67.80	97.151
cool	165.68	66.53	95.746	marv	164.83	68.24	96.854
pitch	163.63	66.77	94.334+	pitch	164.80	67.07	96.840

ENTROPY

Pace	Matchup		
	F 1	F 2	F 3
nator	35.59	34.34	31.85
lake	35.59	33.20	30.72
marv	34.33	33.87	31.19
peach	34.27	33.98	30.33
cool	33.47	34.34	31.08
pitch	33.41	34.13	31.85

Name	Deceleration Pans		
	Mp/dv	Ha/dv	Td/dv
nator	96.37	92.53	86.31
lake	98.81	92.06	90.85
marv	99.57	89.26	88.52
peach	100.80	90.51	92.87
cool	99.57	93.32	95.33
pitch	100.46	93.05	94.76

Name	Ep/dv	P/dv	Ha/dv	Td/dv	Pm/dv
nator	99.928	97.566	98.159	97.336	97.337
lake	100.018	99.320	98.764	99.351	98.710
marv	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	99.846

SORT DC/V COMPOSITE

Name	Ep/dv	P/dv	Ha/dv	Td/dv	Pm/dv	Total
nator	4	6	5	6	5	26 X
lake	3	2	3	4	3	15+
marv	1	1	6	5	6	19 X
peach	2	3	4	3	4	16+
cool	6	5	47	1	1	14+
pitch	5	4	2	2	2	15+

← Eliminating High Total
 ← Non-Contenders - Down
 To 4 horses using
 ← ENTROPY

EXDC

	EP	PR	HE	SP	LY	FY	Muv
marv	1	1	4	4	4	3	0.00
lake	2	4	3	3	3	1	0.86
peach	3	3	2	2	2	4	2.37
pitch	4	2	1	1	1	2	2.62

WINNER → pitch
\$79.20
xx

EXDC PARADIGM

Paradigm Early		Paradigm Sustained	
marv	██████████	pitch	██████████
pitch	██████████	peach	██████████
peach	██████████	marv	██████████

Paradigm Presser

pitch	██████████
marv	██████████
peach	██████████

EXDC & DECELERATION

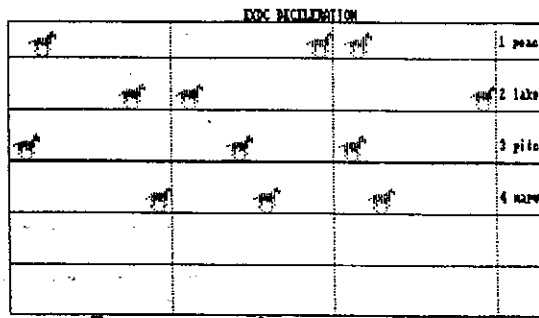
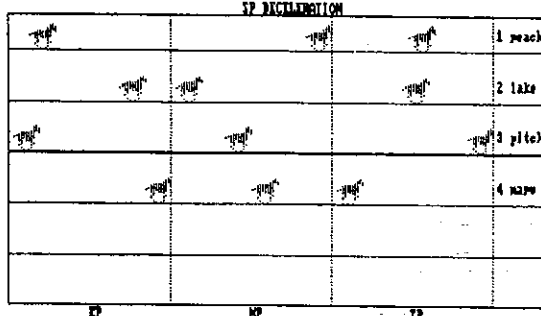
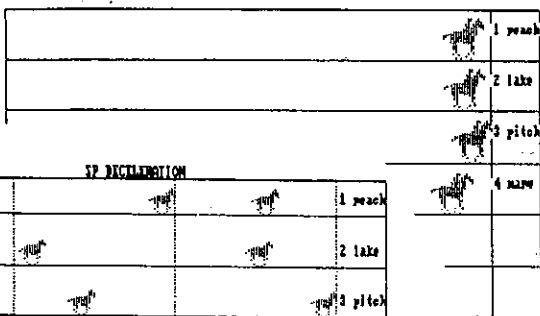
Early Exdc		Late Exdc	
marv	██████████	pitch	██████████
lake	██████████	peach	██████████
peach	██████████	lake	██████████
Total Kpd		Total Exdc	
pitch	██████████	pitch	██████████
peach	██████████	peach	██████████
marv	██████████	marv	██████████

Exdc Deceleration Ratio

Name	1st	2nd	3rd
marv	100.00	99.24	96.36
lake	99.41	98.19	98.17
peach	97.39	100.00	98.37
pitch	97.01	98.87	100.00

Kinetic Exdc Module

Name	Ekp	Mkp	Lkp
peach	18.36	32.89	12.15
lake	18.82	32.42	12.43
pitch	17.92	33.11	13.46
marv	19.35	32.49	11.48



Vaughn Youtz

6



SANTA ANITA

1 MILE. (1.337) CLAIMING. Purse \$17,000. 4-year-olds. Weight, 120 lbs. Non-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, 6 lbs. Claiming price \$16,000; for each \$1,000 to \$13,000 allowed 1 lb. (Maiden or races when entered for \$12,500 or less not considered.)

LASIX—Haloshine, Farbet, Icy Cuddle, Lanky Lord, Jiggling Monarch, Prime Glade, Malagorda, Baldandcayerless, Pirate's Affair, Liberty Offittysix, Bob's Promise.

Haloshine

Table with columns for race date, distance, sex, age, weight, and time for Haloshine's races.

Table with columns for trainer, horse name, sex, age, weight, and time for Haloshine's races.

Table with columns for lifetime earnings, year, month, and day for Haloshine's races.

Farbet

Table with columns for race date, distance, sex, age, weight, and time for Farbet's races.

Table with columns for trainer, horse name, sex, age, weight, and time for Farbet's races.

Table with columns for lifetime earnings, year, month, and day for Farbet's races.

Icy Cuddle

Table with columns for race date, distance, sex, age, weight, and time for Icy Cuddle's races.

Table with columns for trainer, horse name, sex, age, weight, and time for Icy Cuddle's races.

Table with columns for lifetime earnings, year, month, and day for Icy Cuddle's races.

Lanky Lord

Table with columns for race date, distance, sex, age, weight, and time for Lanky Lord's races.

Table with columns for trainer, horse name, sex, age, weight, and time for Lanky Lord's races.

Table with columns for lifetime earnings, year, month, and day for Lanky Lord's races.

Prime Glade

Table with columns for race date, distance, sex, age, weight, and time for Prime Glade's races.

Table with columns for trainer, horse name, sex, age, weight, and time for Prime Glade's races.

Table with columns for lifetime earnings, year, month, and day for Prime Glade's races.

Matagorda

Table with columns: Pedigree, Dist, Call, 1st, 2nd, Fin. Includes entries like PEDROZA M A (17 12 10 10) and latest workouts.

Ch. & S. by Brantark - Whittett, by Damascus. Br.-Seeligson Arthur A Jr (Ry). Tr.-Loren Craig A (21 2 2 2 10)

Table with columns: Pedigree, Dist, Call, 1st, 2nd, Fin. Includes entries like 81 12 1 42 42 21 115 and latest workouts.

Our Moment In Time

Table with columns: Pedigree, Dist, Call, 1st, 2nd, Fin. Includes entries like KARANTIS S (20 2 2 15) and latest workouts.

B. & S. by Dance in Time - Time Gem, by Greater. Br.-Gauguin Stables (Cal). Tr.-Truman Eddie (3 0 0 0 00)

Table with columns: Pedigree, Dist, Call, 1st, 2nd, Fin. Includes entries like 66 11 Agotage 115 and latest workouts.

Boldandcayerless

Table with columns: Pedigree, Dist, Call, 1st, 2nd, Fin. Includes entries like VALENZUELA P (2 5 5 6 12) and latest workouts.

B. & S. by Publicity - Tenderloveandcayer, by Center. Br.-Cayer Mr. Mrs John J (Cal). Tr.-Warren Donald (1 1 0 0 11)

Table with columns: Pedigree, Dist, Call, 1st, 2nd, Fin. Includes entries like 76 5 1 74 21 44 and latest workouts.

Liberty Offitysix

Table with columns: Pedigree, Dist, Call, 1st, 2nd, Fin. Includes entries like TORRES H (23 1 4 24) and latest workouts.

Ch. & S. by Fifty Six Inn Row - Cinderella Liberty, by Golden Eagle II. Br.-Valverde John (Cal). Tr.-Capanich Barbara (3 0 0 1 00)

Table with columns: Pedigree, Dist, Call, 1st, 2nd, Fin. Includes entries like 79 4 0 71 87 44 31 and latest workouts.

Bob's Promise

Table with columns: Pedigree, Dist, Call, 1st, 2nd, Fin. Includes entries like BAVERPORT C L (-) and latest workouts.

B. & S. by Pied-a-Terra-AR - Confession, by My Dad George. Br.-Nelson K & Nelson B & Tammam M (Cal). Tr.-Nelson Kathleen S (-)

Table with columns: Pedigree, Dist, Call, 1st, 2nd, Fin. Includes entries like 48 9 9 119 129 12 12 12 14 and latest workouts.

Main race results table with columns: #, NAME, DIST., 1ST CALL, 2ND CALL, FIN. CALL, 1st B/L, 2nd B/L, Stretch B/L, Final B/L. Includes entries like 1 FARB2, 2 LANK1, 3 MATA2, 4 BOLD1, 5 LIBE6.

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

Effective Use of ENTROPY

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 -	Scratched.
LIBERTY OFFIFTYSIX-	APV/Class 82/1.74. Class and form acceptable.
BOB'S PROMISE-	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	EPR		FFR		T P R	
FARBET	88.2	6	85.3	1	173.5	1
BOLD	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	5	169.0	4
LIE ²	84.6	8	82.9	2	167.5	5
HALO	87.1	7	79.1	8	166.2	6
BOB	84.6	8	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 I

Name	Epr	Lpr	Cpr
FARB	88.8	85.5	174.3 (1)
LANK	90.5	82.8	173.3 (2)
MATA	85.8	81.8	167.6
BOLD	88.0	79.0	167.0
LIB1	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.

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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 contenders 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 this particular race, this adjustment is correct.

#	NAME	DIST.	1ST CALL	2ND CALL	FIN. CALL	1st B/L	2nd B/L	Stretch B/L	Final B/L
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	136.1	1.75	0.50	2.50	6.50
3	MATA2	8.0	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	6.50	4.00	2.00

ENERGY GENERATOR

RAW ENERGY FACTORS

Name	Total	Hidden	Fx	Med	Lex	ESP Type
FARB2	162.21	65.70	66.72	68.57	31.43	S/P Presser
LANK1	161.46	64.81	67.09	68.63	31.37	E/P Presser
MATA2	158.50	64.14	66.00	68.54	31.46	Early
BOLD1	159.72	64.35	66.49	68.60	31.40	Early
LIBE6	161.12	64.37	68.28	67.67	32.33	Sustained

	Total	Med	3rd
HIGH	>>> 162.21	68.63	32.49
AVERAGE	>>> 160.60	68.41	31.54
LOW	>>> 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

Name	F 1	F 2	F 3	S C
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.

E N T R O P Y
* * * * *

Race: 011305 Dist = 8.0 FURLONGS Comments: 16C 4U

Name	Total	2ndCall	Par Med	Name	Total	Median	Dte
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	98.246
BOLD1	159.72	68.66	89.874	LIBE6	161.56	67.18	98.108
MATA2	158.50	68.40	89.146	BOLD1	160.62	68.01	97.538
FARB2	162.20	68.46	92.697	MATA2	159.79	67.86	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.

Matchup				Deceleration Pars			
	F 1	F 2	F 3	Name	Mp/dv	He/dv	Td/dv
Pace	35.53	33.57	32.26	LIBE6	95.25	101.90	90.79
LIBE6	35.53	31.66	32.26	LANK1	97.83	95.35	89.24
LANK1	35.21	32.95	31.42	BOLD1	97.90	93.65	87.98
BOLD1	35.07	32.95	30.85	MATA2	98.12	92.37	87.47
MATA2	34.86	33.01	30.49	FARB2	98.96	94.52	91.73
FARB2	34.59	33.57	31.73				

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
Pace	96.947	102.607	97.460	96.092	93.651
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

Name	Ep/dv	P/dv	He/dv	Td/dv	Pm/dv
LIBE6	100.606	101.588	101.598	100.000	100.454
LANK1	102.196	101.805	98.505	98.270	98.052
BOLD1	102.045	101.550	97.174	97.038	96.810
MATA2	101.923	101.213	96.274	96.328	96.048
FARB2	102.198	100.827	98.773	99.447	98.926

Sort DC/V Composite

Name	Ep/dv	P/dv	He/dv	Td/dv	Pm/dv	Total
LIBE6	5	2	1	1	1	10 (1)
LANK1	2	1	3	3	3	12 (2)
BOLD1	3	3	4	4	4	18
MATA2	4	4	5	5	5	23
FARB2	1	5	2	2	2	12 (2)

"Doc" Sartin

I protested his using a 6
back sprint (7f) line for
Liberty. Let's re-do the
race using Liberty's
Last line.

Entry screen as run:

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

K I N E T I C G E N E R A T O R

Race: vy5.RA Dist = 8.0 FURLONGS Comments:

ENERGY FACTORS

Name	Total	Hidden	Fx	Med	Lex	3rd	ESP Type
FARB	162.21	65.37	66.39	68.65	31.35	31.96	S/P Presser
LANK	161.46	64.64	66.91	68.70	31.30	31.67	E/P Presser
MATA	158.50	64.56	66.44	68.62	31.38	30.83	Early
BOLD	159.72	64.53	66.68	68.68	31.32	31.15	Early
LIB1	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.

ENTROPY

1 Adj.

SORT DC/V COMPOSITE

Name	Ep/dv	P/dv	He/dv	Td/dv	Pm/dv	Total
LANK	1	1	2	2	2	8 (1)
BOLD	3	2	3	3	3	14 (3)
MATA	4	3	5	5	5	22
LIB1	5	5	4	4	4	22
FARB	2	4	1	1	1	9 (2)

2 Adj.

ENTROPY

SORT DC/V COMPOSITE

Name	Ep/dv	P/dv	He/dv	Td/dv	Pm/dv	Total
BOLD	2	1	3	3	3	12 (2)
MATA	1	3	4	5	5	18
LANK	3	2	2	2	2	11 (1)
LIB1	4	4	5	4	4	21
FARB	5	5	1	1	1	13 (3)

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






Thoromation calls for 2 Adj. DO NOT be afraid 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 before using the alternate adjustment.

Thoromation















	1 FARB
	2 LANK
	3 MATA
	4 BOLD
	5 LIB1

EXDC DECELERATION

			1 FARB
			2 LANK
			3 MATA
			4 BOLD
Designated Place Horse	DPH		5 LIBI

Stop Action
Instant Pre-Play

SP DECELERATION

			1 FARB
			2 LANK
			3 MATA
			4 BOLD
	DPH		5 LIBI

EP

MP

TP

When both the Exdc & SP screen produce the same top 2 horses-

regardless of order-
there is an 85% probability
One of them will WIN!
Best Bet-Spot Play!

The computer did Not know Liberty would be DQ'd. It made it the DPH (place) horse anyway.

FIFTH RACE 1 MILE (132) CLAIMING, Purse \$17,000. 4-year-olds. Weight, 120 lbs. Non-winners of two places at one mile or over since November 1 allowed 2 lbs.; of such a race since December 1, 1993 allowed 4 lbs. Closing price \$16,000; for each \$1,000 allowed 1 lb. (Maiden or races when entered for \$12,000 or less not considered.)
JANUARY 11, 1993
Value of race \$17,000; value to winner \$3,200; second \$1,600; third \$1,200; fourth \$1,275; fifth \$425. Mutual pool \$24,232.

Post	Color	Horse	M	T	A	W	P	S	R	H	Sr	Tr	Jockey	C/O	P	Odds
1	Blue	Liberty Offmysix	LB	4	11	8	5	10	11	11	11	11	Torres H	16000		7.00
2	Red	Lanky Lord	LB	4	10	4	6	6	6	6	6	6	Black C A	16000		11.00
3	Green	Farbet	LB	4	10	2	2	11	11	11	11	11	OrlowskiE	16000		7.00
4	Yellow	Icy Cuddle	LB	4	10	3	3	8	11	11	11	11	Stevens G L	16000		7.00
5	Purple	Boldandcourageless	LB	4	10	8	5	9	11	11	11	11	Valenzuela P A	16000		3.50
6	White	Hafeshing	LB	4	10	1	1	7	11	11	11	11	Solis A	16000		12.00
7	Black	Matagorda	LB	4	10	6	7	7	11	11	11	11	Pedroza M A	16000		3.00
8	Orange	Our Moment In Time	Bb	4	10	7	3	5	11	11	11	11	Nabatani C S	16000		15.00
9	Grey	Bob's Promise	LB	4	11	10	8	11	11	11	11	11	Davenport G L	13000	104.00	
10	Brown	Prime Glade	LB	4	10	5	4	11	11	11	11	11	Atkinson P	16000		20.00

Liberty Offmysix disqualified and placed second.

OFF AT 2:41. Start good. Won driving. Time: :224, :471, 1:132, 1:271, 1:411 Track sloppy.

\$2 Mutuel Prices: 4-LANKY LORD 24.00 12.00 3.00
8-LIBERTY OFFFIFTYSIX 8.40 4.80
2-FARBET 4.80

\$2 EXACTA 4-9 PAID \$160.00. \$2 TRIFECTA 4-9-2 PAID \$1,424.00.



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.

Point of View

Stick With One Pattern

The 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 so.

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, Arnie 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 ENTROPY. 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 ENTROPY.

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.

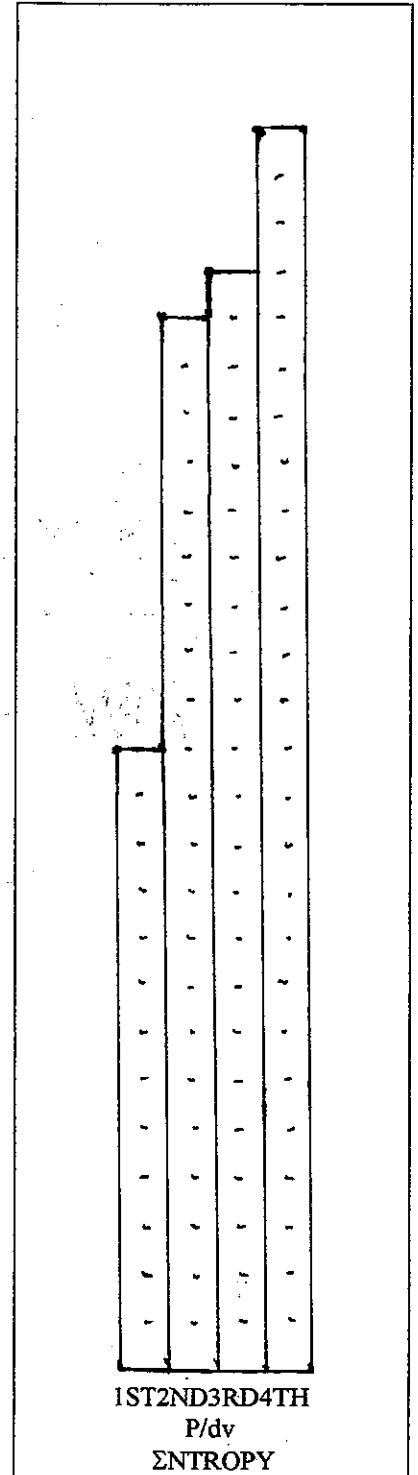
I have currently been dutching 3 horses successfully and was not afraid of looking at 3 horses as potential bets in the same race. Also remembering what Dr. Sartin has said about a score that is not #1 could be more significant if that is what one's records so indicate. Also experimenting with a formula 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.

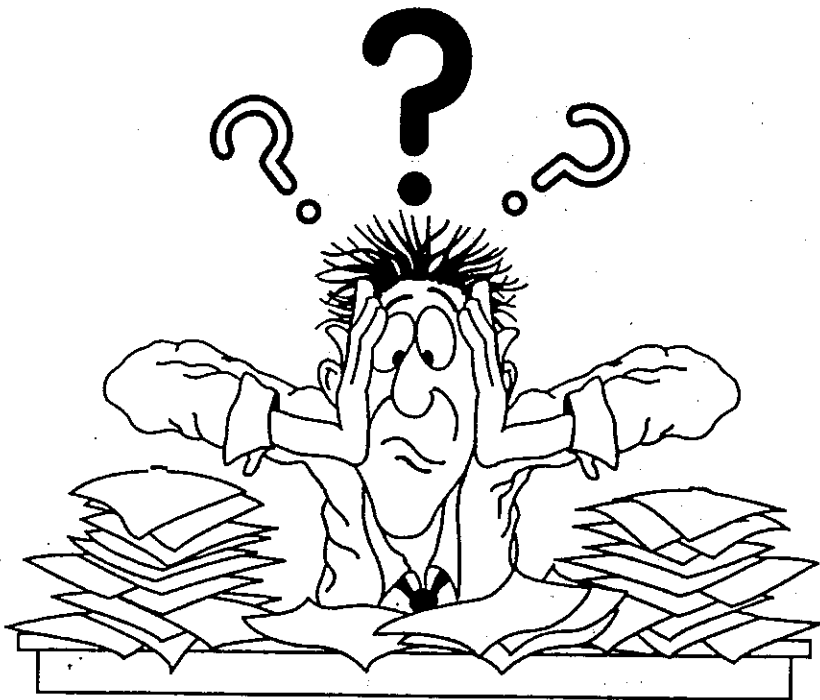
Looking at the graph to the right its easy to see that betting my first two choices would be foolish with the distribution that was occurring.

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



THE 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:

K I N E T I C G E N E R A T O R
 * * * * *

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

ENERGY FACTORS

Name	Total	Hidden	Fx	Med	Lex	3rd	ESP Type
AAA	168.16	64.32	65.87	69.85	30.15	30.21	Early
BBB	167.77	65.19	65.79	68.98	31.02	30.96	E/P Presser

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 = 26:0
 B: " 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	B: = 56.40

FW 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.

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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 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	AAA	6.0	22.0	45.0	111.0	0.00	0.00	0.00	0.00
2	BBB	6.0	22.3	45.3	111.0	0.00	0.00	0.00	0.00

FRACTIONS

Pace	F 1	F 2	F 3	S C	SC B/L
AAA	59.99	57.39	50.76	58.66	0.00
BBB	58.40	57.39	51.96	57.89	2.06

ITSAYS 2nd Call BOSTEN LENGTHS BUT IT REALLY UNITS OF ENERGY

This is what BROTHMER CALLS AVERAGE PACE

RACE: BEYER. DIST: - 6.0 FURLONGS COMMENTS: PACE



NAME	FW	EP	SP	TURN TIME T _{FRAMULA}	F ₁ +F ₃ /2	FW+FX/2
AAA	56.03	58.66	54.71	56.38	55.38	55.70
BBB	55.91	57.89	54.93	56.28	55.18	55.55

A₁₅ + 1.59 Even B₁₅ + 1.20 A₁₅ + .77

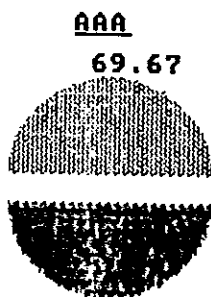
A ENDSOP + 39 + 77 = +116

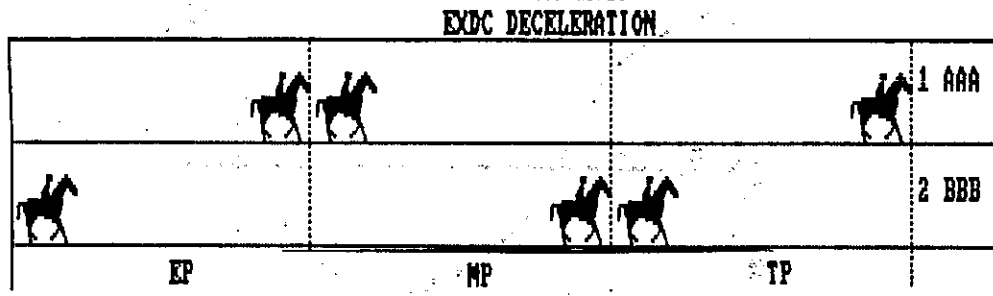
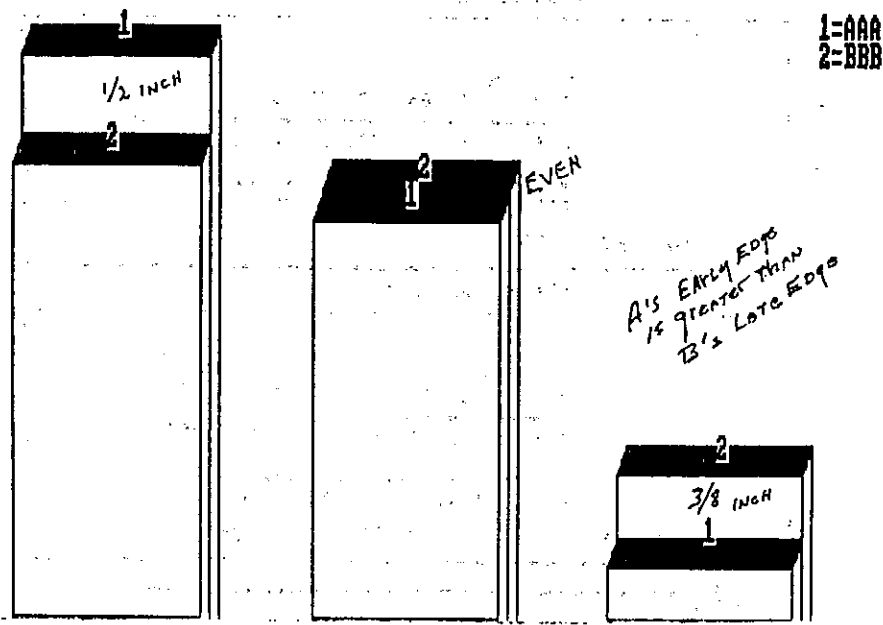
RANKINGS

	FW	EP	SP	TT	FX	WX	LP	DR	MED E	LINE SCORE LOW IS BEST
AAA	1	1	2	1	1	1	2	1	69.81	10
BBB	2	2	1	2	2	2	1	1	69.02	19

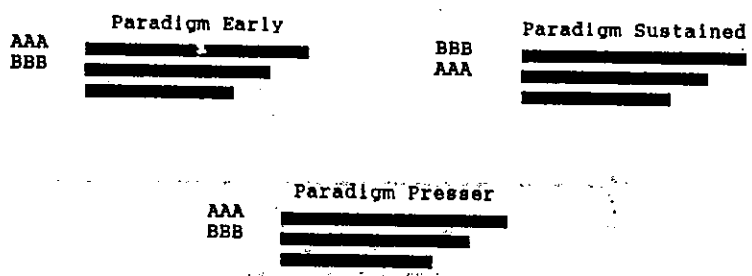
	1 AAA
	2 BBB

Median Energy





EXDC PARADIGM



EXDC & DECELERATION



Exdc Deceleration Ratio					
Name	1st	2nd	3rd	TOTAL	High is Best
AAA	100.00	99.84	97.53	297.37	
BBB	94.84	100.00	97.02	291.86	

A is + 5.51

At Deadline:

V I C P A L E R M O

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.

ENTROPY

<u>RATING</u>	<u>EP/Dv</u>	<u>P/Dv</u>	<u>HE/Dv</u>	<u>TD/Dv</u>
AVE. RANK WIN	1.98	1.98	2.27	2.33
% WIN in TOP 3	86%	89.4%	82.4%	84.2%

EXDC - Thoromation - TOP TWO

<u>RATING</u>	<u>EP</u>	<u>PR.</u>	<u>HE</u>	<u>SP</u>	<u>LX</u>	<u>FX</u>
WINNER IN TOP <u>2</u> ✓	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!

IT'S HERE!

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