# United States <br> Masters <br> Swimming <br> SWIM 

# USMS NATIONAL CONVENTION PORTLAND, OREGON SEPTEMBER 20-24, 1989 




This was "Election Year"! The newly elected President of USMS is Daniel F. Gruender of Phoenix, AZ. Dan is presently the Senior Partner in a law firm specializing in Employment Discrimination and Labor Relations. He will be able to use all his experience in our widely "diversified" Corporation! Married with five children, Dan's wife Edie first participated in Masters Swimming in 1971. Both have been active on the National scene (meets and conventions) FOREVER!

Our newly elected Vice-President, Nancy Ridout from Novato, CA, just moved over from serving four years as our USMS Secretary. Nancy did an outstanding job as Secretary writing up minutes, recording proceedings, communicating with the Ececutive Committee, answering phone calls and mail, contributing to our USMS NEWSLETTER and preparing for our Annual National Convention. Nancy has also been responsible for updating our project PLACES TO SWIM!

Mel Goldstein is our newly elected Secretary. He is responsible for obtaining the US bid for the Pan Pacific Games (Oct. 6-15, 1989) and the IV FINA/MSI World Swimming Championships (June 27-July 5, 1992) - both to be held in his (and mine) home town Indianapolis, IN. Mel has spent the last four years as our USMS Championship Chairman. Many of us KNOW Mel!

Suzanne Rague of New York City is our newly elected Treasurer. Suzanne has served the organization as controller for the past
several years. Suzanne along with Lucy Johnson and Kevin Kelly have instituted many controls and checks over the expenditure of our funds. We thank them for our FINANCIAL SECURITY!

The fallowing items should be of interest:

1) THE BACKSTROKE START; The swimmers shall line up in the water facing the starting end, with both hands placed on the gutter or on the starting grips. For short course yards events, the feet may be placed in any position which does not remove either foot completely from the water, nor either hand from the starting grips or the pool edge. For short course meters and long course meters events, prior to the command "take your mark" and until the feet leave the wall at the starting signal, the swimmer's feet, including toes, shall be placed under the surface of the water. For backstroke events in any course, standing in or on the gutter is not permitted at any time either before or after the start. A backstroke starting block may not be used. (Note: The FINA backstroke rules must be followed in all long course and short course meter events.) *This rule takes effect immediately.
2) NATIONAL CHAMPIONSHIP SCORING: All National Championship meet scoring and awards shall be treated as if the meet is 5 wum in a ten lane pool, regardless of the actual number of lanes available.
3) At the option of the Meet Director, with the approval of the Championship Committee, the $1000 / 1650$ yards and the $800 / 1500$ meters freestyle may be swum as the first day of the program. (continued on page 2)
4) USMS SHORT COURSE CHAMPIONSHIPS awarded to Nashyille, TN for May 16-19, 1991.
5) USMS LONG COURSE CHAMPIONSHIPS awarded to Elizabethtown, Ky for Aug. 22-25, 1991.
6) At the discretion of the meet director, a swimmer may enter the meet indicating "number pending", 50 long as proof of valid registration is presented PRIOR to the swimmer's participation in the meet.
7) All entry blanks and programs must bear the statement: Sanctioned by (LMSC name) for USMS, Inc, Sanction number: (no. issued).
8) Effective Sept. 1, 1990 all Registration Forms shall contain the following language in its entirety and shall be signed immediately beneath this language by the person registering: $I$, the undersigned participant, intending to be legally bound, hereby certify that I am physically fit and have not been otherwise informed by a physician. I acknowledge that $I$ am aware of all of the risks inherent in Masters Swimming ftraining
and competition) including possible permanent disability or death, and agree to assume all of those risks. I nerby waive any and all fights to claims for $205 s$ or damages arising out of participation in the Masters program or any activities incident thereto against United States Masters Swimming, Inc., the Local Masters Swimming Committees, the Clubs, host facilities, meet sponsors, meet committees or any individuals officiating at the meets or supervising such activities, as a condition of my participation in Masters Swimming.
9) The Coaches Committee was awarded the status of a Standing Committee.
10) USMS will ask Canada to send our Top Ten Chairman copies of the results of their National Championships. However, if a swimmer wishes his time to be submitted for USMS Top Ten consideration from any other Canadian meet, the swimmer must see that his LMSC Tabulator gets the official results of the meet.
(reprinted from FINA NEWS, June 9, 1989) BACKSTROKE SWIMMING: A PROBLEM?

by Nicolas Wildhaber, Vice-Chairman, TSC

Editorial Note: The following is the personal view of one swimming expert,
but is offered here as a balanced view of an issue
that has received considerable comment worldwide.

## What is Backstroke Swimming?

According to the rules, it is "swimming on the back" and it also could be called "freestyle on the back". There is no stroke rule involved and, in fact, this style should not be called "Backstroke" but rather "Backstyle".

## What is the problem?

Recently, a new technique has become popular when the best swimmers stayed for a very long distance, that is up to 40 m after the start, completely submerged.

This technique has been judged not desirable by a part of the swimming community who asked to declare it illegal.

There is also another important part of this community who thinks that this technique should be permitted.

## What has been done until now?

As an intermediate decision, valid until the FINA Technical Congress in January 1991 in Perth, the FINA Bureau ruled immediately after the Olympic Games in Seoul (1 October 1988) that underwater swimming on the back is not allowed, except for 10 m immediately after the start and each turn.

## What are the Options?

1. Allow underwater swimming without limit:

No rule change is necessary.
2. Forbid underwater swimming completely:
a) Solution 1: Adopt a maximum limit for underwater swimming of 10 m immediately after the start and after each turn, according to the FINA Bureau ruling of 1 October 1988.
b) Solution 2: Forbid the "dolphin kick" in backstroke. While this seems to be the 'easiest" solution to the problem, it cannot stand up to a more thorough analysis because it is not desirable to introduce a technical notion into a style which is "freestyle" on the back. Not only would this solution make it very difficult for the officials to judge, but it would also forfeit any further progress in the evolution of this style later on.
3. Find an intermediate solution:

Determine a limit of the distance which would allow the underwater swimming to go on without its "excess". This solution would also keep the beauty and the attractiveness of this movement alive.

A limit of this kind would have to be a. minimum of 20 m and should not exceed 25 m . This distance would allow the underwater movement without extending it over the limit which is judged "tolerable" by the opponents of the complete freedom of underwater swimming in backstroke.

Also, control of the allowed distance by the judges is very easy as it has been proved with the actual 10 m limit.

What will be done until 1991 ?
The Bureau ruling of 1 October 1988 (limit of 10 m ) has been introduced now and will stay in effect through the World Championships in 1991.

The TSC Members will profit by the occasion of Continental Championships all over the world in 1989 to organize Open Forums with the persons interested in the matter in order to know what is really wanted by the members of the swimming community.

The TSC will then present proposals to the Technical Congress 1991 which will include several possibilities out of the options set forth above, but it will naturally be up to the delegates to decide finally which solution they prefer.

## Conclusion:

We all want to keep backstroke swimming attractive for the swimmer, the public and the media. This cannot be done with being too restrictive, but complete freedom may not be the solution either.

The consultations this year will bring guidance and, hopefully, a consensus so that the Congress in Perth will find the right solutions in the interest of the sport.


| Craig Dallam, 31 | 36.02 | David Downs, 43 | 39.03 | 50 M FREESTYLE |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Scott Tuttle, 31 | 2:49.30 | 100 M BACKSTROXE |  | Rod Thurston, | 40.39 |
| 50 M BREASTSTROKE |  | c. MeClenahan, 42 | 1:25.52 | Richard Supple, 57 |  |
| Craig Dallam, 31 | 36.66 | 100 M FREESTYLLE |  | 200 M BREASTSTROKE |  |
| 1500 M FREESTYLE |  | Ron Berg, 40 | 1:15.57 | Bengt Strom, 56 | 3:42.2 |
| Scott Shake, 31 | 19:20.4 | Michacl Wheeler, 44 | 1:32.35 | 100 M FREESTYLE |  |
| Jimmy Smith, 30 | 22:05.3 | David Douns, 43 | 1:33.4 | Rod Thurston, 55 | 1:32.45 |
| Bert Alarid, 33 | 26:48.72 | 200 M B BCKSTROKE |  | Richard Supple, 57 | 41.73 |
| 400 M INDIVIDUAL MEDLEY |  | C. MeClenahan, 42 | 3:06.32 | 200 M BUTTERFLY |  |
| Scott Shake, 31 | 5:25.57 | Joel Dendy, 44 | 3:24.63 | Rod Thurston, 55 | 4:05.96 |
| 50 M FREESTYLE |  | Michael Wheeler, 44 | 4:49.51 | 400 M FREESTYLE |  |
| Jimmy Smith, 30 | 28.95 | 400 M FREESTYLE |  | Rod Thurston, | 7:58.26 |
| 200 M BREASTSTROKE | 2.3 | David Downs, 43 | 7:45.18 | 60-64 |  |
| Craig Dallam, 31 |  | 45-49 |  | 50 M BACKSTROKE |  |
| 100 |  | $\frac{50 \mathrm{M} \mathrm{BaCKSTROKE}}{\text { Allen Neuls, } 46}$ |  | Jack Truby, 64 | 2. |
| Scott Shake, 31 | 1:05.98 |  | 37.28 | Donald Dunning, 63 | :01.72 |
| Philipp Djang, 34 |  | Hank Miller, 48 | 42.89 | $\frac{100 \mathrm{M} \text { BREASTSTROKE }}{\text { James Hart, } 60}$ |  |
| 100 m FREESTYLE | 1:07.23 | 100 M BREASTSTROKE |  |  | 1:44.87 |
| Jimmy Smith, 30 |  | Allen Neuls, 46 200 M FREESTYLE | 1:36.96 |  | 1:53.00 |
| 200 M BUTTERFLY |  |  |  |  |  |
| Philipp Djang, 34 | . 8 | Joseph Tesmer, 49 | 2:48.58 | 200 M FREESTY1 | 3:13.4 |
| 200 M BACKSTROKE |  | Hank Miller, 48 2 200 M INDIVIDUAL MEDLEY |  | Jack Truby, 64 | 3:30.68 |
| Scott Shake, 31 | 2:24.26 |  |  | Donald Dunning, 63 50 M BREASTSTROKE |  |
| 39 |  | Allen Neuls, 46 Joseph Tesmer, 49 | 3:04.28 |  |  |  |
| 50 M BACKSTROKE |  |  | 3:18.71 | James Hart, 60 | $\begin{array}{r}48.71 \\ \hline\end{array}$ |
| Nicholas Nogar, 39 | 42.03 | 50 M BREASTSTROKE |  | Bill Hudson, 64 |  |
| 100 M BREASTSTROKE |  | Allen Neuls, 46 1500 M FREESTYLE | 44.06 | 800 M FREESTYLE |  |
| Rob Jenkins, 38 | $\begin{aligned} & 1: 18.60 \\ & 1: 44.98 \end{aligned}$ |  |  | Donald Dunning, 63 | 6:29.85 |
| David Church, 39 |  | Hank Miller, 48 <br> 50 M BUTTERFLY$\quad 24: 50$. |  | 50 M BUTTERFLY |  |
| 200 M FREESTYLE |  |  |  | Donald Dunning, | 55. |
| Peter Brunson, 37 | 2:10.57 | Allen Neuls, 46 |  | 50 M FREESTYLE |  |
| George Burns, 36 | 2:39.70 | Wi | 36.12 | Jack Truby, 64 | 3.70 |
| John Fowler, 36 | 2:52.23 | Joseph Tesmer, 49 |  | James Hart, 60 | 33.88 |
| Nicholas Nogar, 39 | 2:56.77 | 50 M FREESTYLE |  | Bob Hudson, 60 | 38.32 |
| Michael Fehler, 37 | 2:58.41 | Frank Williams, 49 | 29.92 | Donald Dunning, 63 | 45.56 |
| 200 M INDIVIDUAL MEDLEY |  | Allen Neuls, 46 | 30.65 | 200 M BREASTSTROKE |  |
| Jeff Kiely, 38 | 3:13.96 | Hank Miller, 48 Joseph Tesmer, 49 | 32.34 | Bill Hudson, 64 | 4:18.03 |
| Nicholas Nogar, 39 | 3:21.97 |  | 32.93 | $100 \text { M FREESTYLE }$ |  |
| Michael Fehler, 37 | 3:36.10 | Joseph Tesmer, 49 100 M BACKSTROKE |  | James Hart, 60 | 1:22.27 |
| 50 M BREASTSTROKE |  | Allen Neuls, 46 | 1:25.18 | Jack Truby, 64 | 1:22.70 |
| Rob Jenkins, 38 | 34.6 | $\frac{100 \mathrm{M} \text { FREESTYLE }}{\text { Frank Williams, }} 49$ |  | Bill Hudson, 64Donald Dunning, | $1: 33.42$$1: 38.37$ |
| John Fowler, 36 | 41.31 |  | 1:08.82 |  |  |
| David Church, 39 | 44. | Hank Miller, 48 <br> 200 M BACKSTROKE | 1:12.55 | Bob Hudson, 60 400 M FREESTYLE | 1:40.21 |
| 800 M FREESTYLE |  |  |  |  |  |
| Peter Brunson, 37 | 10:20 | Allen Neuls, 46 |  | Donald Dunning, | 8:02.77 |
| 1500 M FREESTYLE |  |  |  |  |  |
| George Burns, 36 | 24:51.15 | 400 M FREESTYLE |  | 50 M BACKST |  |
| Michael Fehler, 37 |  | $\begin{aligned} & \text { Frank Williams, } \\ & \text { Hank M111er, } 48 \end{aligned}$ | $\begin{aligned} & 5: 44.55 \\ & 6: 14.13 \end{aligned}$ | Fred Donald, 68 | 47.27 |
| 50 M BUTTERFLY |  |  |  | Ed Talmage, 69 100 M BREASTSTROKE |  |
| Jeff Kiely, 38 | 31.93 | 50-54 |  |  |  |  |
| John Fowler, 36 | 36.20 | 50 M BACKSTROKE |  | Herb Wallower, 67 | :50.85 |
| Nicholas Nogar, 39 | 40.96 | Dennis 0'Brien, 53 | 41.11 | $\frac{200 \text { M FREESTYLE }}{\text { Ed Talmage, } 69}$$4: 42$ |  |
| 400 M INDIVIDUAL MEDLEY |  | Sam Jones, 53 <br> George Kenry, 54 | 44.37 |  |  |  |
| Michael Fehler, 37 | 7:52.45 |  | George Kenry, 54 100 M BREASTSTROKE |  | $200 \mathrm{M} \text { INDIVIDUAL MEDLEY }$ |  |
| 50 M FREESTYLE |  |  |  |  |  |  |  |  |
| Peter Brunson, 37 | 26.95 | George Kenry, 54 200 M FREESTYLE |  | 50 M BREASTSTROKE |  |
| Rob Jenkins, 38 | 27.48 |  |  | Herb Wallower, 67 48.27 |  |
| John Fowler, 36 | 30.31 | Sam Jones, $53 \quad$ 2:40 |  | Fred Donald, 68 1500 M FREESTYLE |  |
| George Burns, 36 | 30.49 | 100 M BUTTERFLY |  |  |  |  |  |
| Jeff Kiely, 38 | 30.93 |  |  | Dan Miles, 68 26:20 |  |
| Nicholas Nogar, 39 | 32.56 | Dennis $0^{\prime}$ Brien, 53 1:19.59 200 M INDIVIDUAL MEDLEY |  |  |  |  |  |
| 100 M BACKSTROKE |  | Dennis $O^{\prime}$ Brien, 53 $3: 06.39$ <br> George Kenry, 54 $3: 48.27$ <br> 50 M BREASTSTROKE  |  | 400 M INDIVIDUAL MEDLEY |  |
| Nicholas Nogar, | 1:36 |  |  | Dan Miles, 68 $7: 45.67$ <br> 50 M FREESTYLE  |  |
| 100 M FREESTYLE |  |  |  |  |  |  |  |  |  |
| Peter Brunson, 37 | 1:02.76 | Sam Jones, 53George Kenry, 54 |  | Herb Wallower, $67 \quad 36.54$ |  |
| Rob Jenkins, 38 |  |  |  | Fred Donald, 68 <br> 100 M BACKSTROKE |  |
| Joff Kiely, 38 | $\begin{aligned} & 1: 09.22 \\ & 1: 09.88 \end{aligned}$ | George Kenry, 54 800 M FREESTYI.E <br> George Kenry, 54 |  |  |  |  |  |
| George Burns. 36 |  |  |  | $\begin{aligned} & \text { Ed Talmage, } 69 \\ & \text { 100 M Frestyle }\end{aligned} \quad 2: 07.97$ |  |
| Michael Fehler, 37 | $1: 09.88$$1: 19.68$ | George Kenry, 54 50 M BUTTERFLY |  |  |  |  |  |
| 400 M FREESTYLE |  | $\text { Dennis } 0^{\prime} \text { Brien, } 53$ |  | Herb Wallower, $67 \quad 1: 23.24$ |  |
| Peter Brunson, 37 | $\begin{aligned} & 4: 49.39 \\ & h: 19.07 \end{aligned}$ |  |  | Fred Donald, 68 200 M BACKSTROKE |  |
| Michael Fehler. 37 |  | $\frac{50 \mathrm{~K} \text { FREESTYLE }}{\text { George Kenry, }} 54$ |  |  |  |  |  |
| $40-44$ <br> O M BACKSTROKE |  | 200 M BREASTSTROKE |  | Fred Donald, 68 |  |
|  |  | Sam Jones, 53 |  | 400 M FREESTYLE |  |
| ion Berg, 40 37.27 |  | George Kenry, $54 \quad 1: 45.5$ |  | $\begin{aligned} & \text { Dan M1les, } 68 \\ & 70-74 \\ & \\ & \text { D0 M BACKSTROKE }\end{aligned}$ |  |
| Tharles McClenahan $\quad 39.08$ |  |  |  |  |  |  |  |  |  |
| $\text { lavid Downs, } 43$ | 55.30 |  |  |  |  |  |  |  |  |
| thehael Wheeler, 44 00 M BREASTSTROKE |  | Sam Jones, $53 \quad 1: 08.32$ |  |  |  |  |  |
|  |  | James Coon, 74 74200 M FREESTYLE |  |  |  |  |  |
| lav1d Downs, 43 <br> 00 M FREESTYLE$\quad 2: 06.50$ | 2:06.50 |  |  | 200 M BUTTERFLY |  |
|  |  | ```Dennis O'Brien, 53 3:18.5 200 M BACKSTROKE``` |  | James Coon, 74 4:43, |  |
| 1oel Dendy, 44 2:56.02 |  |  |  |  |  |  |  |  |  |
| Iichael Wheeler, 44 | 3:19.50 | George Kenry, 54 <br> 400 M FREESTYLE$\quad 3: 55$. |  | James Coon, $74 \quad$ 20:48.8 |  |
| 00 M BUTTERFLY |  |  |  | $50 \mathrm{M} \text { FREESTYLE }$ |  |
| 300 M INDIVIDUAL MEDLEY |  | Dennis O'Brien, 53 | $\begin{aligned} & 5: 37.73 \\ & 5: 58.30 \end{aligned}$ |  |  |  |  |
|  |  |  |  |  |  |  |
| $\text { lon Berg, } 40$ |  |  |  | $\begin{gathered} 55-59 \\ \hline 50 \mathrm{M} \text { BACKSTROKE } \\ \hline \end{gathered}$ |  | James Coon, 74 <br> 200 M BACKSTROKE |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  | $1: 02.02$ | James Coon, $74 \quad 5: 32.80$ |  |  |  |  |  |
| David Downs, 431500 M FREESTYLE |  | 100 M BREASTSTROKE |  |  |  |  |  |  |  |
|  |  | Bengt Strom, 56 1: 200 M FREESTYLE |  | 200 M FREESTYLE |  |  |  |
| C. MeClenahan, 42 | 26:02.64 |  |  |  |  | Joseph Miller, 75 | :16.73 |
| Michael Wheeler, 44 | 27:20.22 | Rod Thurston, 55 | 3:29.74 | 50 M FREESTYLE |  |  |  |
| 50 M BUTTERFLY |  | 100 M BUTTERFLY |  | Joseph Miller, 75 | 48.51 |  |  |
| Ron Berg, 40 | 33.12 | Rod Thurston, 55 | 1:46.53 | 400 M FREESTYLE |  |  |  |
| C. MeClenalian, 42 | 35.52 | 50 M BREASTSTROKE |  | Joseph Miller, 75 | 9:44.1 |  |  |
| David Douma, is | 48.49 | Benge Strom, 56 | 41. |  |  |  |  |
| 400 M INDIVIDUA. MPI | DLey | 1500 M FREESTYLE |  |  |  |  |  |
| Joel Dendy, 44 | 7:00.74 | Rod Thurston, 55 | 30:48.62 |  |  |  |  |
| 50 M FREESTYLE |  | 50 M BUTTERFLY |  |  |  |  |  |
| Ron Berg, Michael Wheeler, | $\begin{aligned} & 29.91 \\ & 38.93 \end{aligned}$ | Rod Thurston, 55 | 47.05 |  |  |  |  |

## FREESTYLE Tom Lyndon

LEWD LOOKS LAND LEERER: The next time you observe the person/body in the lane next to you in your workout, know that doing so can leave you on the beach for a while. Wave Lengths, the Canadian masters national publication reprinted a Glabe \& Mailarticle which should open our eyes-so to speak - to this reality. A University of Toronto professor was banned by the university's sexual harassment review board from the campus pool for five years because he leered and, what's more, ordered to take counseling to cure him of his "urge to ogle". The five day hear ing included testimony by a procession of "witnesses", including three life guards and swimmers on both sides of the issue. The charge said he "appeared to be in the pool for the sole purpose of watching women as they swam." The professor phrased it this way. "I do not consider that I leer....But I certainly observe women. I enjoy women."

1, for one, will have to "watch out" more than I have- it would "appear". It seemed so innocuous and private, my surreptitious peeks at selected forms undulating past over and over again. Am I now supposed to content myself with just thinking about my workout? Really!

I wonder if anyone's bridled up to a lifeguard to report me? What would she say? "See that grey haired old geezer in the third lane, the one who looks so innocent and harmless? Well, he turns his head to look at me every time I swim past. I've also noticed he glimpses other swimmers in the lane on the other side of him when he swims back from the far end. He may claim he just looks like he's doing it; he has to turn his head to breathe. But I know what he really does it for. He may say he can't see much anyway because his goggles are so fogged. Ask him how they got fogged up in the first place.
"And why does he spend so much of his time actually swimming instead of standing around in the shallow end the way I do? He already looks to be in OK shape, so he certainly isn't doing it for fitness, as I expect he will allege. And those flip turns! It's bad enough he swims along at eye or whatever level. Then he dives practically to the bottom of the pool at each end to get a better look! Why can't he do plain vanilla, on the surface, open turns like the rest of us?
"To make matters worse, he can act reasonably pleasant and nice when we chat- a true Jekyll and Hyde type. Maybe the water does something to him, acts as a potion, changes his personality, makes him into a sort of swamp creature. Should I pity him? Maybe he doesn't even appreciate how foully he's behaving. How should I approach him on this? 'Ah, Mr. Swimmer, I couldn't help noticing your noticing me.' (Too cute) 'Are you aware that I'm aware of you being aware of me in the water?' (Too much for him to comprehend) 'Would you be offended if I asked you to breathe on the other side?' (A tad pushy) 'Would you mind swimming faster so the water is more turbulent, and, therefore, less visually clear?' (He looks like he doesn't have much in reserve now, so what's the use? )"

Imagine the Orwellian 1984 possibilities. The lifeguard isn't on deck. He/she is on the bottom with a camera, much like the highway patrol with radar. One furtive
move and flash-you've been caught in the act. Would they issue warnings? Would tears and explaining it's just a little tic help? Could lifeguards be bribed to tear up the tickets? Would they at least let you have a copy of the picture with the observed in view?

Maybe we would have to wear special goggles with blinders on the sides and/or permafogged lenses. Modesty panels hanging down from the lane dividers certainly would prevent the possibility. A return to the concealing swimsuits of yesteryear is an alternative. Rather than be required at the pool for all, these suits could be an option for those who dislike being ogled at.

A demer it system of fines might be the fairest. The cost of swimming at the pool would vary according to how many times you have been caught. The pool could post a top ten list of sorts, showing who was zinged the most, etc. Would there be national top ten and world records? Would they require two pictures or witnesses or your birth certificate? Would it be advantageous to move up an age group? Are relays out of the question, especially mixed?

How about competitions to determine who leers best. It would be something like synchro, with smiling a lot earning you style points, going round and around like a corkscrew giving you 360 ogle degree vision, not wanting to get anywhere without giving that appearance helping, and having a musical accompaniment to distract the judges from what's really going on. It could be run something like an qquatic fox and hounds hunt, except the "hounds" would be handicapped much like racehorse jockeys. And, as for the foxes... I'm sure it could all be worked out satisfactorily, so that when it came time to have the Ogle Nationals, qualifying "times" would help avoid the daysand nights? - of competition taking too long.

If you think I am writing strictly from the perspective of the male observer (sexist even), au contraire, because I know that that would seem sexist of me and, perhaps more importantly, inaccurate, since, I have been assured, the practice is rampant among females, too.

And now, a roundup of some aberrations l've known. Moon relays during an afternoon lull at a California nationals. A swimmer about to win his breaststroke race at a nationals being simultaneously mooned (male) and flashed (female) at the finish line. Neither he nor almost everyone else in attendance saw it, but as they say, I know where the negatives are to prove it. A proposal for a nude, presumably mixed, relays meet. Unfortunately, the proposer, not I, hasn't yet developed the concept to its potential. While I was swimming at a nearly deser ted pool in Ohio once, the woman in the adjoining lane lost the top half of her suit coming off every turn and she was only doing surface turns. From time to time I've wondered if it was a new suit, weight loss, an incredible pushoff, or what that caused the show.

Finally, there's the man in the 1650 who forgot to tie his baggy suit, had it slipping down to his knees at every turn, finally stopped at the end of the pool, slipped it off, and continued on with the race in his birthday suit. The woman in the lane beside him, obviously a dedicated distance swimmer, maintained she didn't see a thing. I've wondered how he took that, not having what it took to charge her with ogling, if he was so inclined.

8/89

COMPARISON TIMES FROM THE 1988 SPEEDO MASTERS SWIMMING WORLD RANKINGS compiled by WORLD AQUATIC NEWS \& TRAVEL, Margaret G. Samson, FOunder TOP TIME $=1$ st PLACE TIME, BOTTOM TIME $=10$ th PLACE TIME or LAST PLACE TIME

LONG COURSE 50 METER - WOMAN'S EVENTS

| EVENT | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-64 | 65-69 | $70=74$ | 75-79 | 80-84 | 85-89 | 90-94 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 50 FREE | 27.50 | 26.37 | 27.91 | 28.64 | 31.03 | 31.55 | 34.96 | 35.81 | 36.62 | 39.89 | 45.39 | 53.11 | 1:16.38 | 2:02.38 |
|  | 28.98 | 29.77 | 30.69 | 31.19 | 34.25 | 34.84 | 38.23 | 38.97 | 42.23 | 50.84 | 58.42 | 1:33.06 | 2:36.18 |  |
| 100 FREE | 1:01.08 | 1:01.14 | 1:00.25 | 1:03.40 | 1:08.00 | 1:11.61 | 1:17.22 | 1:20.20 | 1:23.33 | 1:30.79 | 1:42.42 | 2:09.09 | 3:18.34 | 4:08.22 |
|  | 1:03.72 | 1:05.31 | 1:07.61 | 1:09.86 | 1:17.04 | 1:18.82 | 1:31.15 | 1:29.08 | 1:36.06 | 1:51.52 | 2:28.63 | 3:04.40 |  |  |
| 200 FREE | 2:09.66 | 2:10.11 | 2:09.33 | 2:21.77 | 2:29.85 | 2:48.92 | 2:42.04 | 2:50.03 | 3:10.18 | 3:33.77 | 4:27.43 | 4:41.78 | 5:51.54 |  |
|  | 2:21.51 | 2:24.27 | 2:33.91 | 2:42.63 | 2:51.22 | 3:09.94 | 3:22.66 | 3:13.76 | 3:46.75 | 4:18.83 | 5:58.55 | 5:43.39 |  |  |
| 400 FREE | 4:31.02 | 4:42.79 | 4:33.08 | 5:03.58 | 5:36.46 | 6:08.60 | 5:36.66 | 6:02.28 | 7:07.55 | 7:28.90 | 8:35.53 | 8: 51.10 |  |  |
|  | 4:55.41 | 5:07.82 | 5:21.30 | 5:45.05 | 6:10.90 | 6:25.60 | 7:13.93 | 6:51.36 | 7:46.48 | 8:57.71 | 14:53.71 | 9:48.24 |  |  |
| 800 FREE | 9:18.74 | 9:50.00 | 9:24.54 | 10:32.12 | 11:30.10 | 12:44.51 | 11:30.97 | 12:19.35 | 14:46.05 | 15:04.91 | 17:58.04 | 20:32.07 | 24:23.38 |  |
|  | 10:21.28 | 10:25.20 | 11:10.12 | 12:03.68 | 13:15.10 | 13:21.91 | 15:00.38 | 14:30.24 | 17:31.57 | 20:11.10 | 25:13.69 | 23:22.75 |  |  |
| 1500 FREE | 17:38.78 | 19:23.47 | 21:07.46 | 21:07.74 | 23:00.86 | 23:21.21 | 22:18.91 | 24:26.67 | 28:44.26 | 28:46.45 | 44:01.53 | 35:44.26 |  |  |
|  | 20:34.99 | 20:35.94 | 22:29.99 | 23:33.13 | 26:44.61 | 27:26.12 | 29:34.39 | 28:20.56 | 34:19.39 | 38:04.22 | 61:05.66 | 46:50.39 |  |  |
| 50 BACK | 33.07 | 32.11 | 33.00 | 34.68 | 38.71 | 37.90 | 41.19 | 41.21 | 47.14 | 49.18 | 58.02 | 59.16 | 1:26.82 |  |
|  | 34.79 | 35.87 | 37.51 | 39.01 | 42.80 | 42.90 | 47.34 | 46.49 | 51.66 | 58.06 | 1:11.83 | 2:04.13 | 2:34.38 |  |
| 100 BACK | 1:07.31 | 1:09.08 | 1:12.64 | 1:16.64 | 1:25.68 | 1:23.40 | 1:32.62 | 1:31.65 | 1:46.13 | 1:46.32 | 2:00.49 | 2:16.88 | 4:18.93 |  |
|  | 1:14.99 | 1:18.10 | 1:22.48 | 1:25.89 | 1:32.38 | 1:38.36 | 1:44.13 | 1:44.33 | 1:54.74 | 2:08.22 | 3:04.70 | 3:52.09 | 6:10.47 |  |
| 200 BACK | 2:25.77 | 2:29.27 | 2:44.36 | 2:48.11 | 3:08.49 | 3:03.04 | 3:11.44 | 3:21.89 | 3:42.97 | 3:55.88 | 4:33.71 | 5:00.75 | 6:01.13 |  |
|  | 2:42.95 | 2:48.48 | 3:03.09 | 3:13.71 | 3:24.40 | 3:36.18 | 3:53.83 | 3:49.29 | 4:06.67 | 4:41.40 | 6:59.73 | 6:41.10 |  |  |
| 50 BRST | 36.49 | 35.90 | 37.39 | 39.21 | 39.63 | 41.05 | 46.62 | 43.74 | 48.13 | 51.18 | 55.22 | 1:20.29 | 1:37.17 |  |
|  | 38.37 | 38.64 | 40.29 | 41.89 | 44.01 | 46.17 | 48.47 | 49.90 | 56.06 | 1:03.94 | 1:28.42 | 2:10.05 | 3:29.77 |  |
| 100 BRST | 1:19.66 | 1:19.55 | 1:22.35 | 1:27.11 | 1:29.75 | 1:30.00 | 1:40.82 | 1:39.66 | 1:53.25 | 1:56.24 | 2:05.53 | 3:07.96 | 3:32.99 |  |
|  | 1:24.89 | 1:25.98 | 1:29.94 | 1:35.06 | 1:36.97 | 1:43.50 | 1:48.33 | 1:53.72 | 2:04.19 | 2:23.53 | 3:16.00 | 4:34.34 |  |  |
| 200 BRST | 2:52.78 | 2:57.54 | 2:57.17 | 3:09.32 | 3:15.97 | 3:26.03 | 3:32.31 | 3:40.95 | 4:05.95 | 4:18.13 | 4:27.83 | 6:36.96 |  |  |
|  | 3:08.51 | 3:08.09 | 3:14.65 | 3:25.06 | 3:32.96 | 3:43.98 | 3:58.91 | 4:06.04 | 4:46.62 | 5:08.16 | 7:19.21 | 9:41.00 |  |  |
| 50 FLY | 29.51 | 29.91 | 29.27 | 30.54 | 33.98 | 37.86 | 38.91 | 38.64 | 45.86 | 50.72 | 1:05.42 | 1:50.11 | 2:56.18 |  |
|  | 31.79 | 32.10 | 33.54 | 35.16 | 38.98 | 42.84 | 49.33 | 48.37 | 55.21 | 1:11.51 | 2:34.94 |  |  |  |
| 100 FLY | 1:06.21 | 1:06.74 | 1:05.39 | 1:10.22 | 1:13.58 | 1:30.95 | 1:32.21 | 1:34.48 | 1:55.64 | 2:09.61 | 2:20.80 | 3:12.35 |  |  |
|  | 1:12.07 | 1:12.13 | 1:17.69 | 1:23.40 | 1:36.94 | 1:42.04 | 2:01.78 | 2:01.24 | 2:18.83 | 3:16.45 | 5:29.69 | 4:08.69 |  |  |
| 200 FLY | 2:25.44 | 2:28.24 | 2:27.94 | 2:59.39 | 3:13.41 | 3:29.61 | 3:32.28 | 3:37.68 | 4:20.19 | 4:54.21 | 4:54.79 | 7:26.08 |  |  |
|  | 2:40.53 | 2:41.88 | 3:16.50 | 3:33.41 | 3:51.78 | 4:19.55 | 4:26.87 | 6:26.75 | 6:48.30 | 9:11.26 | 6:59.09 | 7:58.23 |  |  |
| 200 I.M. | 2:28.32 | 2:29.22 | 2:41.47 | 2:51.17 | 2:56.05 | 3:11.94 | 3:18.21 | 3:18.34 | 3:47.69 | 4:10.04 | 4:32.19 | 6:48.16 | 9:22.60 |  |
|  | 2:40.05 | 2:40.70 | 2:56.33 | 3:02.50 | 3:18.45 | 3:28.81 | 3:43.52 | 3:45.77 | 4:22.60 | 4:57.40 | 7:10.53 |  |  |  |
| 400 I.M. | 5:16.70 | 5:23.84 | 5:44.20 | 6:08.05 | 6:23.52 | 6:56.08 | 6:51.48 | 7:25.69 | 8:14.78 | 8:39.36 | 10:53.61 | 13:42.44 |  |  |
|  | 5:43.55 | 5:59.37 | 6:21.14 | 6:49.39 | 7:15.45 | 7:51.52 | 8:25.37 | 9:05.07 | 9:49.36 | 14:25.68 | 18:45.39 | 16:49.00 |  |  |

COMPARISON TIMES FROM THE 1988 SPEEDO MASTERS SWIMMING WORLD RANKINGS compiled by WORLD AQUATIC NEWS \& TRAVEL, Margaret G. Samson, FOunder
TOP TIME $=1$ st PLACE TIME, BOTTOM TIME $=10$ th PLACE TIME Or LAST PLACE TIME
LONG COURSE 50 METER - MEN'S EVENTS

| EVENT |  | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-64 | 65-69 | 70-74 | 75-79 | 80-84 | 85-89 | $95+$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 50 FREE |  | 23.96 | 24.27 | 24.81 | 26.14 | 26.43 | 26.65 | 27.42 | 29.30 | 30.83 | 32.75 | 33.06 | 39.12 | 46.76 | 1:06.06 |
|  |  | 24.92 | 25.30 | 26.22 | 26.85 | 27.65 | 28.80 | 30.28 | 31.55 | 32.72 | 34.05 | 38.26 | 49.12 | 1:35.81 |  |
| 100 FREE |  | 52.37 | 53.19 | 55.41 | 57.68 | 57.96 | 1:01.46 | 1:03.73 | 1:07.37 | 1:10.29 | 1:16.05 | 1:19.77 | 1:36.86 | 1:43.03 |  |
|  |  | 55.54 | 56.18 | 57.95 | 1:00.55 | 1:03.37 | 1:04.93 | 1:09.16 | 1:13.23 | 1:17.33 | 1:21.13 | 1:34.70 | 1:54.43 | 3:14.48 |  |
| 200 | FREE | 1:57.93 | 1:56.64 | 2:04.20 | 2:08.66 | 2:08.93 | 2:14.39 | 2:22.94 | 2:28.48 | 2:44.49 | 2:55.65 | 3:11.22 | 4:03.45 | 3:56.13 |  |
|  |  | 2:03.74 | 2:06.95 | 2:10.66 | 2:16.89 | 2:22.23 | 2:25.80 | 2:39.24 | 2:46.16 | 2:59.64 | 3:10.13 | 3:45.98 | 4:34.96 | 5:36.97 |  |
| 400 | FREE | 4:14.17 | 4:13.02 | 4:26.28 | 4:34.28 | 4:36.91 | 4:51.06 | 4:58.41 | 5:17.64 | 6:06.42 | 6:13.58 | 6:37.63 | 8:17.90 | 8:14.50 |  |
|  |  | 4:29.24 | 4:30.60 | 4:41.07 | 4:53.23 | 5:01.72 | 5:20.53 | 5:38.26 | 5:51.75 | 6:34.42 | 7:00.56 | 8:19.37 | 12:03.22 | 11:40.11 |  |
| 800 | FREE | 9:10.29 | 8:49.39 | 9:09.59 | 9:27.20 | 9:50.24 | 10:04.71 | 10:27.08 | 11:13.16 | 12:44.47 | 13:05.01 | 13:57.54 | 18:41.57 | 17:11.21 |  |
|  |  | 9:43.36 | 9:55.92 | 9:49.83 | 10:12.27 | 10:32.80 | 11:18.43 | 12:02.32 | 12:46.18 | 14:07.09 | 15:54.70 | 20:35.55 | 20:53.79 |  |  |
| 1500 | FREE | 17:35.30 | 17:06.73 | 17:31.93 | 18:51.59 | 19:11.05 | 20:24.00 | 19:56.07 | 21:17.93 | 25:02.42 | 24:58.38 | 26:14.83 | 32:08.29 | 33:08.54 |  |
|  |  | 18:37.11 | 18:46.40 | 19:14.13 | 20:31.38 | 20:20.08 | 21:34.06 | 22:32.90 | 24:33.75 | 26:59.50 | 27:54.91 | 36:00.41 | 41:19.00 | 49:25.00 |  |
| 50 | BACK | 28:03 | 27:32 | 29:34 | 30.83 | 30.67 | 30.93 | 33.84 | 35.09 | 37.69 | 39.88 | 44.36 | 51.82 | 1:06.46 |  |
|  |  | 30.16 | 30.61 | 31.38 | 32.47 | 33.52 | 36.15 | 37.38 | 39.78 | 41.93 | 44.89 | 54.15 | 1:08.09 | 1:39.26 |  |
| 100 | BACK | 1:00.36 | 1:00.58 | 1:04.07 | 1:07.65 | 1:07.77 | 1:10.14 | 1:14.14 | 1:19.10 | 1:24.58 | 1:20.30 | 1:41.12 | 1:58.63 | 3:20.69 |  |
|  |  | 1:07.13 | 1:07.24 | 1:09.67 | 1:12.97 | 1:14.38 | 1:21.83 | 1:26.68 | 1:29.46 | 1:33.70 | 1:39.17 | 2:03.16 | 2:34.65 | 4:21.64 |  |
| 200 | BACK | 2:17.59 | 2:13.06 | 2:21.95 | 2:25.33 | 2:28.25 | 2:38.57 | 2:42.37 | 2:24.94 | 3:12.68 | 3:18.03 | 3:45.00 | 4:14.63 | 5:39.97 |  |
|  |  | 2:28.70 | 2:30.29 | 2:30.09 | 2:41.01 | 2:47.21 | 2:47.21 | 2:58.56 | 3:14.24 | 3:19.10 | 3:34.82 | 3:51.54 | 4:28.34 | 7:52.36 |  |
| 50 | BRST | 30.55 | 30.65 | 31.57 | 34.24 | 33.47 | 35.84 | 34.20 | 38.01 | 40.43 | 41.89 | 44.65 | 47.43 | 1:13.29 |  |
|  |  | 32.92 | 32.87 | 33.76 | 35.47 | 36.29 | 38.44 | 40.19 | 41.07 | 44.88 | 46.78 | 52.16 | 1:19.11 | 2:32.42 |  |
| 100 | BRST | 1:07.89 | 1:08.04 | 1:10.40 | 1:16.06 | 1:14.95 | 1:18.75 | 1:17.87 | 1:27.68 | 1:34.08 | 1:34.53 | 1:53.90 | 2:10.62 | 2:36.30 |  |
|  |  | 1:12.80 | 1:12.15 | 1:15.84 | 1:20.49 | 1:21.08 | 1:24.49 | 1:29.32 | 1:33.46 | 1:44.05 | 1:48.22 | 2:06.48 | 4:31.59 |  |  |
| 200 | BRST | 2:33.50 | 2:32.48 | 2:38.01 | 2:48.03 | 2:47.28 | 2:57.53 | 2:58.83 | 3:14.92 | 3:33.19 | 3:32.90 | 4:24.57 | 4:40.35 | 5:36.05 |  |
|  |  | 2:43.35 | 2:43.94 | 2:50.34 | 2:57.67 | 3:02.92 | 3:08.42 | 3:20.85 | 3:29.75 | 3:49.53 | 4:02.62 | 5:02.62 | 6:35.09 |  |  |
|  |  | 25.93 | 25.31 | 27.41 | 27.56 | 28.05 | 29.03 | 31.55 | 33.35 | 35.13 | 39.67 | 46.44 | 50.39 | 2:11.99 |  |
|  |  | 27.31 | 27.05 | 28.56 | 29.19 | 30.56 | 32.23 | 33.60 | 35.74 | 40.94 | 44.12 | 58.75 | 1:18.35 |  |  |
| 100 |  | 58.42 | 56.64 | 1:02.26 | 1:04.07 | 1:03.08 | 1:08.02 | 1:12.19 | 1:17.39 | 1:36.26 | 1:35.69 | 1:53.58 | 2:26.34 |  |  |
|  |  | 1:01.28 | 1:01.33 | 1:05.27 | 1:07.30 | 1:11.75 | 1:18.78 | 1:24.12 | 1:32.02 | 1:43.87 | 2:00.69 | 2:33.84 | 3:14.75 |  |  |
| 200 |  | 2:11.86 | 2:08.78 | 2:17.05 | 2:23.05 | 2:35.87 | 2:42.53 | 3:00.91 | 3:05.41 | 3:30.50 | 3:43.54 | 4:22.65 | 5:09.05 |  |  |
|  |  | 2:22.62 | 2:21.39 | 2:30.91 | 2:42.39 | 2:50.40 | 3:14.70 | 3:33.86 | 3:39.83 | 4:09.81 | 6:21.12 | 5:30.43 |  |  |  |
| 200 | I.M. | 2:15.59 | 2:12.37 | 2:23.07 | 2:26.59 | 2:25.46 | 2:38.29 | 2:45.85 | 2:55.70 | 3:12.13 | 3:20.95 | 3:59.86 | 4:36.96 |  |  |
|  |  | 2:23.62 | 2:20.61 | 2:30.05 | 2:35.94 | 2:38.92 | 2:50.53 | 3:04.17 | 3:13.67 | 3:32.91 | 3:54.63 | 5:19.25 | 5:47.37 |  |  |
|  | I.M. | 4:43.21 | 4:45.33 | 5:04.63 | 5:15.01 | 5:17.96 | 5:47.95 | 5:56.57 | 6:18.89 | 7:10.52 | 7:08.28 | 8:36.92 | 11:18.04 |  |  |
|  |  | 5:19.14 | 5:04.02 | 5:25.89 | 5:40.57 | 6:07.03 | 6:20.73 | 6:49.88 | 7:10.70 | 8:07.20 | 14:23.02 | 11:25.69 |  |  |  |

COMPARISON TIMES FROM THE 1988 SPEEDO MASTERS SWIMMING WORLD RANKINGS compiled by WORLD AQUATIC NEWS \& TRAVEL, Margaret G. Samson, Founder

TOP TIME $=1$ st PLACE TIME, BOTTOM TIME $=10$ th PLACE or LAST PLACE TIME

| EVENT |  | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-64 | 65-69 | 70-74 | 75-79 | 80-84 | 85-89 | 90-94 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 50 FREE |  | 27.36 | 26.82 | 28.11 | 29.86 | 31.45 | 31.31 | 34.63 | 36.16 | 36.77 | 40.91 | 43.98 | 1:11.06 | 1:43.00 | 2:06.95 |
|  |  | 29.11 | 29.70 | 30.95 | 31.98 | 34.76 | 36.28 | 41.70 | 42.05 | 43.52 | 53.02 | 1:11.07 | 1:56.48 |  |  |
| 100 | FREE | 59.78 | 57.35 | 1:03.37 | 1:05.27 | 1:10.63 | 1:16.71 | 1:18.08 | 1:21.47 | 1:28.28 | 1:31.84 | 2:04.74 | 2:46.39 | 2:51.72 |  |
|  |  | 1:03.40 | 1:06.16 | 1:10.00 | 1:12.00 | 1:17.28 | 1:27.79 | 1:32.41 | 1:35.51 | 1:47.68 | 1:55.79 | 2:58.58 | 4:08.91 |  |  |
| 200 | FREE | 2:08.91 | 2:10.37 | 2:21.89 | 2:21.91 | 2:38.62 | 2:52.96 | 2:55.45 | 3:01.61 | 3:17.13 | 3:29.67 | 4:35.30 |  |  |  |
|  |  | 2:20.90 | 2:31.96 | 2:33.64 | 2:42.55 | 3:00.58 | 3:19.28 | 3:33.15 | 3:28.99 | 3:52.55 | 4:29.27 | 5:14.87 |  |  |  |
| 400 | FREE | 4:29.31 | 4:32.09 | 4:52.99 | 4:53.39 | 5:44.28 | 5:37.30 | 6:06.04 | 6:11.25 | 6:55.80 | 7:17.22 | 8:11.07 | 17:50.37 |  |  |
|  |  | 4:56.61 | 5:17.65 | 5:26.04 | 5:52.60 | 6:15.55 | 6:29.36 | 7:11.26 | 7:14.65 | 8:09.11 | 9:34.92 | 8:25.00 |  |  |  |
| 800 | FREE | 9:21.42 | 10:03.15 | 10:50.98 | 11:17.00 | 12:00.24 | 12:17.74 | 13:23.87 | 12:31.12 | 15:21.40 | 15:07.39 | 17:05.40 |  |  |  |
|  |  | 10:32.38 | 11:26.67 | 11:40.00 | 13:26.70 | 13:31.00 | 14:00.26 | 15:41.32 | 16:36.84 | 17:35.76 | 19:55.99 | 19:49.59 |  |  |  |
| 1500 | FREE | 17:42.32 | 20:54.71 | 19:31.18 | 21:46.36 | 23:25.70 | 23:41.81 | 26:32.49 | 22:23.62 | 29:08.08 | 29:32.39 | 33:53.33 |  |  |  |
|  |  | 20:53.57 | 23:01.43 | 22:31.63 | 26:30.48 | 26:48.99 | 29:07.09 | 36:26.75 | 36:43.31 | 38:00.79 | 40:47.73 | 41:43.79 |  |  |  |
| 50 | BACK | 31.36 | 33.14 | 34.80 | 35.26 | 38.97 | 38.14 | 41.61 | 40.49 | 46.13 | 48.74 | 55.95 | 1:07.96 | 1:26.48 | 1:52.76 |
|  |  | 34.85 | 35.55 | 38.09 | 39.50 | 42.45 | 44.88 | 49.32 | 52.06 | 55.46 | 58.86 | 1:31.15 | 2:00.04 |  |  |
| 100 | BACK | 1:06.73 | 1:11.81 | 1:10.47 | 1:17.14 | 1:17.13 | 1:28.50 | 1:32.16 | 1:30.87 | 1:47.10 | 1:53.65 | 2:01.55 | 2:35.68 |  | 4:46.17 |
|  |  | 1:15.90 | 1:17.82 | 1:24.46 | 1:27.03 | 1:34.55 | 1:44.85 | 1:52.72 | 2:11.84 | 2:08.47 | 2:24.09 | 3:24.82 |  |  |  |
| 200 | BACK | 2:23.79 | 2:34.27 | 2:34.09 | 2:47.37 | 3:03.90 | 2:58.72 | 3:22.28 | 3:16.14 | 3:47.51 | 3:58.12 | 4:23.42 | 5:18.44 |  |  |
|  |  | 2:45.82 | 2:53.64 | 3:04.71 | 3:09.25 | 3:31.33 | 3:58.46 | 4:06.21 | 4:22.83 | 4:37.42 | 4:47.14 | 6:32.34 | 9:20.61 |  |  |
| 50 | BRST | 35.07 | 36.66 | 37.56 | 39.52 | 40.10 | 43.72 | 45.53 | 47.14 | 52.62 | 51.92 | 58.91 | 1:20.91 |  |  |
|  |  | 38.40 | 39.38 | 40.30 | 42.10 | 46.37 | 47.32 | 51.90 | 52.90 | 1:00.73 | 1:09.20 | 1:16.82 | 1:46.48 |  |  |
| 100 | BRST | 1:16.44 | 1:19.48 | 1:23.06 | 1:23.81 | 1:26.83 | 1:35.19 | 1:38.54 | 1:47.93 | 1:57.42 | 1:59.89 | 2:10.17 |  |  |  |
|  |  | 1:24.66 | 1:26.67 | 1:29.39 | 1:34.55 | 1:42.29 | 1:45.40 | 2:00.34 | 2:02.22 | 2:15.55 | 2:33.81 | 2:46.51 |  |  |  |
| 200 | BRST | 2:46.36 | 3:00.50 | 2:58.50 | 3:06.28 | 3:06.19 | 3:18.62 | 3:27.36 | 3:48.81 | 4:10.85 | 4:35.14 | 4:35.24 |  |  |  |
|  |  | 3:04.66 | 3:16.51 | 3:18.01 | 3:36.85 | 3:45.26 | 3:57.63 | 4:21.42 | 4:27.91 | 5:14.01 | 7:25.41 | 8:49.26 |  |  |  |
| 50 | FLY | 29.13 | 30.20 | 30.72 | 33.71 | 34.75 | 37.19 | 39.30 | 40.72 | 45.75 | 52.34 | 59.27 | 1:20.94 | 3:08.55 |  |
|  |  | 32.35 | 33.19 | 33.43 | 35.66 | 40.10 | 44.31 | 50.86 | 59.09 | 1:01.00 | 1:07.10 | 2:34.82 | 2:06.10 |  |  |
| 100 | FLY | 1:06.26 | 1:07.34 | 1:10.51 | 1:17.37 | 1:23.64 | 1:35.40 | 1:38.46 | 1:38.02 | 1:50.13 | 2:04.25 | 2:12.17 | 3:37.67 |  |  |
|  |  | 1:13.27 | 1:15.57 | 1:27.70 | 1:28.96 | 1:46.38 | 2:01.84 | 2:16.82 | 2:29.40 | 3:10.45 | 4:22.00 | 3:03.75 |  |  |  |
| 200 | FLY | 2:25.66 | 2:31.16 | 2:43.22 | 3:03.49 | 3:12.88 | 3:23.32 | 3:42.56 | 3:33.12 | 4:10.63 | 5:07.52 | 4:48.50 | 8:36.81 |  |  |
|  |  | 2:50.21 | 3:00.20 | 3:13.57 | 3:28.90 | 3:53.52 | 4:36.40 | 5:24.76 | 5:54.53 | 6:49.38 | 6:47.68 | 11:23.25 |  |  |  |
| 100 | I.M. | 1:08.16 | 1:07.78 | 1:14.54 | 1:17.05 | 1:12.00 | 1:23.90 | 1:31.70 | 1:31.07 | 1:42.53 | 1:50.32 | 2:00.07 | 2:50.64 |  |  |
|  |  | 1:14.37 | 1:16.41 | 1:18.39 | 1:22.20 | 1:29.84 | 1:35.61 | 1:49.17 | 1:52.40 | 2:03.07 | 2:16.83 | 2:36.41 | 3:22.72 |  |  |
| 200 | I.M. | 2:27.69 | 2:28.73 | 2:36.88 | 2:58.38 | 3:00.20 | 2:59.01 | 3:19.64 | 3:18.11 | 4:04.95 | 4:04.81 | 4:17.89 |  |  |  |
|  |  | 2:42.99 | 2:51.01 | 2:56.16 | 3:11.29 | 3:33.86 | 3:47.92 | 4:30.08 | 4:58.03 | 5:14.13 | 6:53.07 | 8:50.00 |  |  |  |
| 400 | I.M. | 5:14.28 | 5:22.12 | 5:32.65 | 6:18.00 | 6:39.30 | 6:49.56 | 7:17.75 | 7:16.29 | 8:07.20 | 8:34.79 |  | 15:11.01 |  |  |
|  |  | 5:55.00 | 6:25.39 | 6:40.10 | 6:44.63 | 7:35.76 | 7:41.42 | 9:25.89 | 9:41.52 | 13:02.89 | 14:05.65 |  |  |  |  |

COMPARISON TIMES FROM THE 1988 SPEEDO MASTERS SWIMMING WORLD RANKINGS compiled by WORLD AQUATIC NEWS \& TRAVEL, Margaret G. Samson, Founder TOP TIME $=1$ st PLACE TIME, BOTTOM TIME $=10$ th PLACE OI LAST PLACE TIME SHORT COURSE 25 METER - MEN'S EVENTS

| EVENT | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-64 | 65-69 | 70-74 | 75-79 | 80-84 | 85-89 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 50 FREE | 24.30 | 24.50 | 24.36 | 24.91 | 26.45 | 26.35 | 27.79 | 28.86 | 30.99 | 31.70 | 33.00 | 41.46 | 46.06 |
|  | 25.00 | 25.51 | 26.48 | 27.05 | 28.27 | 28.68 | 30.06 | 32.53 | 32.86 | 36.55 | 40.99 | 52.44 | 1:19.40 |
| 100 FREE | 52.45 | 52.72 | 54.17 | 55.35 | 57.06 | 1:01.23 | 1:03.90 | 1:07.20 | 1:09.55 | $1: 18.68$ | $1: 23.97$ | 1:51.05 | 1:51.72 |
|  | 54.90 | 57.31 | 58.77 | 1:00.75 | 1:03.90 | 1:06.53 | 1:10.85 | 1:13.41 | 1:16.03 | 1:29.61 | 1:40.84 | 2:31.29 | 2:10.67 |
| 200 FREE | 1:58.60 | $1: 58.73$ | 2:04.44 | 2:05.99 | 2:05.81 | 2:17.60 | 2:25.04 | 2:26.62 | 2:39.55 | 2:54.71 | 2:55.63 | 3:52.60 | 3:53.12 |
|  | 2:05.94 | 2:08.73 | 2:12.07 | 2:14.79 | 2:25.24 | 2:29.40 | 2:41.75 | 2:50.36 | 3:02.79 | 3:18.24 | 3:56.66 | 5:48.27 |  |
| 400 FREE | 4:17.15 | 4:20.84 | 4:27.18 | 4:33.89 | 4:35.02 | 4:56.32 | 5:22.90 | 5:14.08 | 5:48.52 | 6:11.58 | 7:41.47 | 8:18.60 | 7:54.24 |
|  | $4: 31.27$ | $4: 38.54$ | 4:40.89 | 5:02.60 | 5:15.54 | 5:31.91 | $6: 15.64$ | $6: 22.40$ | 6:50.99 | $7: 33.10$ | 12:57.98 | 10:11.24 |  |
| 800 FREE | 8:58.35 | 9:13.23 | 9:21.72 | 9:48.33 | 9:54.34 | 10:15.71 | 11:06.54 | 11:15.20 | 12:15.20 | 12:43.48 | 15:52.91 | 20:42.33 | 16:53.90 |
|  | 10:03.41 | 9:58.61 | 10:09.94 | 10.45 .51 | 11:15.47 | 11:46.09 | 12:53.61 | 13:27.92 | 15:29.16 | 19:06.38 | 24:34.34 | 21:09.02 |  |
| 1500 FREE | 17:25.07 | 18:08.96 | 18:19.78 | $18: 37.93$ | 20:42.02 | 19:39.22 | 21:52.13 | 24:16.70 | 24:48 79 | 23:59.12 | 31:56.96 | 42:49.55 | $32: 20.20$ |
|  | 19:33.08 | 19:11.80 | 19:34.00 | 20:33.12 | 21:33.73 | 22:55.33 | 25:37.04 | 31:43.22 | 29:33.22 | 35:14.10 | 51:21.82 |  |  |
| 50 BACK | 27.64 | 28.21 | 30.38 | 29.89 | 30.63 | 33.28 | 35.15 | 36.06 | 37.60 | 42.15 | 46.91 | 58.86 | 1:04.06 |
|  | 30.23 | 31.00 | 32.36 | 33.44 | 35.85 | 36.73 | 39.50 | 41.22 | 41.73 | 47.90 | 53.93 | $1: 09.60$ | 1:38.20 |
| 100 BACK | 59.57 | 1:03.84 | 1:06.00 | 1:08.16 | 1:08.03 | 1:15.96 | 1:16.83 | 1:24.67 | 1:25.76 | 1:32.48 | 1:48.77 | 2:01. 30 | 2:29.75 |
|  | 1:06.97 | 1:06.90 | 1:11.25 | 1:16.20 | 1:21.03 | 1:24.13 | 1:29.00 | 1:37.55 | $1: 31.96$ | 2:00.59 | 2:18.09 | 3:34.83 | 2:35.84 |
| 200 BACK | 2:15.05 | 2:18.11 | 2:26.55 | 2:33.94 | 2:28.72 | 2:52.35 | 2:46.40 | 3:05.93 | 3:13.45 | 3:25.04 | 4:06.37 | 4:19.17 | 6:06.83 |
|  | $2: 31.22$ | $2: 32.67$ | 2:36.48 | 2:51.61 | 3:05.31 | 3:06.52 | 3:16.67 | 3:44.14 | 3:41.13 | 4:48.19 | 5:32.49 | 6:40.73 |  |
| 50 BRST | 31.46 | 30.79 | 31.64 | 31.40 | 34.18 | 35.09 | 34.38 | 37.90 | 41.02 | 41.43 | 47.64 | 1:01.51 | 1:05.82 |
|  | 33.20 | 32.84 | 34.00 | 34.95 | 36.80 | 37.55 | 38.08 | 40.74 | 44.64 | 49.43 | 58.23 | 1:12.60 | 2:28.73 |
| 100 BRST | 1:08.16 | 1:08.10 | 1:09.62 | 1:11.95 | 1:16.45 | 1:18.24 | 1:16.32 | $1: 25.60$ | 1:30.74 | $1: 32.13$ | 1:51.30 | 2:08.40 | 2:34.45 |
|  | $1: 11.00$ | $1: 13.29$ | 1:15.32 | 1:18.68 | $1: 21.80$ | 1:23.44 | $1: 28.37$ | $1: 32.56$ | 1:52.04 | 1:51.80 | 2:44.97 | 2:54.56 |  |
| 200 BRST | 2:29.95 | 2:31.52 | $2: 33.06$ | 2:42.79 | 2:48.51 | 2:53.16 | 3:00.72 | 3:11.00 | 3:37.80 | 3:24.66 | 4:08.00 | 5:19.08 | 5:30.76 |
|  | 2:42.35 | 2:49.50 | 2:47.30 | 2:57.15 | 3:03.86 | 3:12.70 | 3:26.63 | 3:31.72 | 4:53.08 | 5:11.16 | 6:36.74 | 7:27.86 |  |
| 50 FLY | 26.29 | 26.52 | 26.06 | 27.53 | 29.46 | 29.34 | 31.43 | 32.58 | 35.28 | 38.69 | 46.78 | 1:11.73 | $1: 39.64$ |
|  | 27.22 | 27.91 | 29.20 | 29.87 | 32.00 | 31.98 | 33.87 | 37.75 | 40.38 | 44.76 | 1:01.93 | $1: 58.40$ |  |
| 100 FLY | 58.73 | 58.75 | 1:01.25 | 1:01.47 | 1:08.84 | 1:07.40 | 1:15.50 | $1: 21.70$ | 1:37.58 | 1:33.76 | 1:51.99 | 2:44.39 |  |
|  | $1: 01.37$ | 1:03.54 | 1:08.51 | 1:08.20 | 1:13.90 | 1:20.01 | 1:33.10 | 1:39.40 | 3:04.61 | 2:30.35 | 2:35.00 |  |  |
| 200 FLY | 2:10.91 | 2:13.62 | 2:22.55 | 2:23.16 | 2:34.00 | 2:41.07 | 3:03.61 | 3:19.98 | 3:44.12 | 3:37.63 | 5:46.45 |  |  |
|  | 2:30.16 | 2:30.85 | 3:00.57 | 2:54.36 | 3:15.71 | 3:17.76 | 3:40.87 | $4: 44.79$ | 7:00.03 | 4:49.97 |  |  |  |
| 100 I.M. | 1:00.18 | 1:01.50 | 1:05.06 | 1:03.90 | 1:07.37 | 1:10.49 | 1:15.31 | 1:18.88 | 1:24.33 | 1:29.00 | 1:43.28 | 2:04.55 | $2: 30.55$ |
|  | 1:04.09 | 1:05.43 | 1:06.82 | 1:10.30 | 1:14.71 | 1:16.86 | 1:22.21 | $1: 29.25$ | $1: 33.33$ | 1:55.20 | 2:58.07 | 2:58.79 |  |
| 200 I.M. | $2: 13.33$ | 2:12.33 | 2:25.82 | 2:29.98 | 2:28.71 | $2: 32.53$ | 2:54.48 | 2:58.61 | 3:22.48 | 3:14.60 | 4:02.27 | 5:23.07 |  |
|  | 2:20.18 | 2:29.60 | 2:32.05 | 2:40.20 | 2:49.47 | 2:56.38 | 3:12.00 | 3:33.79 | 4:44.83 | 4:25.24 | $6: 55.47$ | 5:50.09 |  |
| 400 I.M. | 4:48.20 | 4:55.11 | 4:54.64 | 5:20.72 | 5:32.71 | 6:03.40 | 6:19.50 | 6:45.27 | $7: 22.57$ | 7:08.35 | 8:16.53 | 9:25.63 |  |
|  | 5:13.98 | 5:26.52 | 5:31.67 | 6:06.92 | 6:34.23 | 6:48.22 | 7:10.65 | 7:47.42 | 11:52.09 | 9:14.66 | 10:39.35 | 11:29.75 |  |

## SPEEDO World Masters Top 10

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## $198 B$ SPEEDD MASTEFES SWIMMINE W口FLD FANKくINGS

This year 20 countries submitted data for these World Rankings - Australia, Canada, Denmark, Finland, Federal Republic of Germany, Great Britain, Hong Kong, Holland, Hungary, Italy, Japan, Mexico, Norway, New Zealand, Scotland, Switzerland, Sweden, Czechoslovakia, Chinese-Taipei and the United States. Speedo wants these rankings widely distributed throughout the world. With this in mind, I have listed the lst place time and the loth place or last place time in each event in each age group. Now, if you are interested in seeing the rest of the times along with names and countries please send your request along with your name, address, and $\$ 10.00$ scheck made out to Margeret Samson) to Margeret Samson, P.0. Box 70366, Fasadena, CA 91117 USA (payable in U.S. currency or check drawn on U.S. Bank).

## SWIMMING NEWS

THE CARD SYSTEM - Quotation from a letter passed to Geoff Stokes, editor of England's 'Master Swimmer' Newsletter: "In our experience, which 15 considerable, the 'Time Card' system has certain disadvantages - 1) Swimmers (particularly adults) cannot be relied upon to post their cards in the appropriate boxes; 2) Cannot be relied upon to collect their cards at the appropriate times; and 3) They very often become wet and
unreadable with constant passing around." Geoff's comment is - if Masters Swimmers behave like children they must expect to be treated like children.............................. THE RULES - by William A. Lippman; Jr. U.S. Swimming Rules Committee Chairman. "TO ERR IS HUMAN - TO FORGIVE IS DEVINE" But forgiveness helps litle in some cases. Let's work on the errors. This year there have been more than the usual calls about pool depths and distances from starting block surface to water or bottom of pool. Builders, architects; city officials, attorneys and LSC people are all concerned, mostly about the four-foot pool depth. We always start with the statement: "U.S. Swimming does not own or control a single pool. It provides programs and suggested frameworks within which to run the programs." Nobody can he Euie of the "safe" pool depth so long as we are dealing with people, and people are unpredictable, even as you and $I$. Feoplewill fight to get on an obviously overcrowded ferry boat or inside a jammed soccer stadium, or run a red light. These are personal "judgement calls" that are too often dead wrong. Because we cannot stop people from making such bad decisions, we can only educate and be vigilant. A swimming pool, like an automobile, can be a very dangerous thing when improperly used......... HOW PICKY SHOULD WE BE? - Years ago we (and the FINA and NCAA) removed the term "symmetrically" from our stroke rules because it was an absolute term mandating a perfection of execution almost impossible to achieve according to the medical profession. We still have "simultaneously" in breaststroke and fly rules but this, which Webster defines as, "at the same time", injects a judgment decision not electronically or mechanically proven, that leaves room to give the swimmer the benefit of the doubt. We like that. "In line with the water surface" we also like; because decision is measured against a moving standard, often obscure, with room again for fair rulings. The "horizontal plane" has been known to be over-officiated, but like "vertical" it is usually equated with the water surface which does move about. Remember that swimmers come in all sizes and shapes and muscular ability and no two are exactly alike, especiallhy boys and girls. "Vive le difference" say the French, but, when officiating, give the swimmers the margin they deserve............................... THOMAS ALVA EDISON- "the doctor of the future will give no medicine, but wili interest his patients in the care of the human frame, in diet, and in the cause and prevention of disease.".........................


June Krauser, Editor 2308 N.E. 19th Avenue Ft. Lauderdale, FL 33305

## swim today. . .

## swim for the health of it!

## LIFETMME VICOROUS SMMMMANG FOR FUN, SFORT AND HEALTH  SWIM CALENDAR <br> YOL XVIII - NO 8

15 SC - BOB JOHNSON, 54 POINT VIEW DR, EAST GREENBUSH, NY 12061
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18-20 SC - WORLD SENIOR GAMES, 1604 WALKER C TR, SALT LAKE CITY, UT 84111
20-22 SC - JOE BIONDI, 2234 BLANCHARD CT., LARGO, FL 34648
22 SCM- BOB KROTEE, AD, ST JOSEPH'S U, 5600 CITY AVE, PHILADELPHIA, PA 19131
22 SCM - SPMA - WESTWOOD AT LOS ANGELES
22 SC - KINGSLEY BOYD, RFD 1, BOX 1000 , NORTHFIELD, VT 05663
28 SC - DAVE BROWN / SSC, 4 WINDING RIDGE, CLIFTON PARK, NY 12065
28 SC - NEW ENGLAND MINI MEET - CONTACT PHIL WHITTEN (617) 631-8673
28-29 SC - ELLEEN SCHAPPEL, 932 W . OUTER DR., OAK RIDGE, TN 37830
29 SCM- SDI SWIM OFFICE, 1135 GARNET-K, SAN DIEGO, CA 92109
291 MI ROUGH WATER - DOUG MESSINEO, 5700 BONITO ECH RD, BONITO SPRG., FL 33823 NO 3405

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1 & 2 MI OCEAN SWIMS; JUDY MEYER, IOS33 DIEGO DR. SOUTH, BOCA RATON, FL 33428
SC - SDI SWIM OFFICE, 1135 GARNET-K, SAN DIEGO, CA 92109
SCM- SPMA PENTATHLON MEET AT LAGUNA HILLS
11-12 SC - LISA BERGER, 19 FOUR WINDS RD., NORTHPORT, AL 35476
11-12 SC - LEO LETENDRE, 267 GLANDORE DR., MANCHESTER, MO 63021
11-12 SCM- STEVE BARNICOAT, 3582 SUTTON PLACE NO 905, WINTER PARK, FL 32792
11-12 SCM- STEVE WYCOFF, 1115 CORNELIA ST., ANDERSON, SL 29621
1 2 \text { SC - JOYCE NICHOLSON, DEABETES, 404 STATE ST,, SUITE 205A, HACKENSACK, NJ 07601}
18 SCM- SPMA MEET AT PIERCE COLLEGE
1 9 ~ S C ~ - ~ P E N T A T H L O N ~ - ~ J A N ~ H U N E K E , ~ 8 0 6 8 ~ A S E U R Y ~ H I L L S ~ D R : , ~ C I N C I N N A T I ; ~ O H ~ 4 5 2 5 5
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SC - VICKY HUSEMAN, 477 MORRVUE, CINCINNATI, OH 45238
SCM- JUDY MEYER, 10333 DIEGO DR. SOUTH, BOCA RATON, FL 33428
    ISHOF MILE OCEAN SWIM, BOB DUENKEL, QNE HALL OF FAME DR., FT, LAUDERDALE, FL 333:6
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NATIONAL AND INTERNATIONAL MASTERS SWIMMING SCHEDULE
MAY 18-21, 1990 USMS SC NATIONALS, ED BARTCH, 203 KENNEDY ATHLETIC CENTER, LOS ANGELES, CA 90089
AUG 7-12, 1990 SRD FINA/MSI WORLD CHAMPIONSHIPS, ABMN - AV.PRES, VARGAS, 418/801, RIO DE JANEIRO, BRAZIL 20071
AUG 17-20, 1990 USMS LC NATIONALS, DEL HANSON, 10 NORTH TIMBERTOP DR., THE WOODLANDS, TX 77380
OCT 2-6, 1990 USMS NATIONAL CONVENTION, PITTSBURGH, PA
MAY $16-19,1991$ USMS SC NATIONALS, NASHVILLE, TN
AUG 22-25, 1991 USMS LE NATIONALS, ELIZABETHTOWN, KY
SEP 15-22, 1991 USMS NATIONAL CONVENTION, LOUISVILLE, KY
JUN 27-JUL 5,19924 TH FINA/MSI WORLD CHAMFIONSHIPS, INDIANAFOLIS, IN

