



FINA Masters News

June 2002

Official Newsletter of the FINA Masters Swimming Committee N° 21

10th FINA WORLD MASTERS CHAMPIONSHIPS Riccione (Italy), 2004

Still on the wave of success of the last FINA World Masters Championships held in Christchurch (NZL) in the end of March (see Special Edition of the FINA Masters News of May 2002 for all the relevant information about this competition), the Masters athletes are ready for the next challenge of their lives in 2004.

Following the FINA Bureau meeting decision, the 10th edition of the championships will take place in the beautiful and attractive city of Riccione in the Italian Adriatic coast (the date is still to be confirmed). Taking advantage of its situation next to the sea, Riccione

will certainly represent an unforgettable occasion to promote the Masters objectives – fitness, friendship, understanding and competition through the five FINA disciplines. To discuss this and other important subjects related to the Masters Movement, a meeting of the Masters Commission composed by William (Bill) Matson, FINA Bureau Member and Liaison of the FINA Masters Committee (MC), Victor Nogueira, Chairman of the MC, Zvi Ruttet, Vice Chairman of the MC and Frantisek Stochl, Honorary Secretary of the MC will be held in Lausanne (SUI) on September 28-29, 2002.



FINA ALLOWS THE BREASTSTROKE KICK

Last July, the 2001 FINA Technical Swimming Congress, passed a rule in Butterfly that stated, "A Breaststroke kicking movement is not permitted." Masters Swimming is based on FINA Rules and, unless there is a specified exception, any such changes will affect Masters. At the FINA Masters Committee Meeting held in Christchurch in November 2001, a formal proposal for a rule change was made to exempt Masters from this new rule. Two weeks later at a FINA Bureau Meeting in Bangkok it was agreed that Masters could continue to use the Breaststroke kick until such time as the proposed rule change was considered at the Masters Technical Congress in March 2002. Then, the proposed rule change was passed unanimously. Now there is no excuse for any Masters not to enter those Butterfly and Medley events!

NEW POOLS

A new 50m, 8-lane pool is to be built at the University of Wales in Swansea to provide a National competition and training centre. Once again Welsh swimmers will be able to enjoy their own 50m facility. The completion target is 2002, and the Welsh ASA intend to re-locate from Cardiff to the new Swansea venue. The pool complex will include a 25m pool as well, and the 50m pool will also be able to be configured as two 25m pools by means of a movable boom. The last 50m facility in Wales, the Empire Pool in Cardiff, closed in May 1998. The new 50m pool under construction at Loughborough University is due for completion in July 2002.

A Lottery fund for upgrading the Crystal Palace National Sports Centre (including the 50m pool) has been agreed upon.

CANADIAN MASTERS

Following the 2001 Annual General Meeting (AGM), the directors of Masters Swimming Canada (MSC), chose Geoff Camp as the incoming president. Sue Schmidt of Saskatchewan is vice-president; Mark Sandilands of Alberta is the new secretary and Tony Trubiano of Quebec the new treasurer. The membership levels at MSC have been stable for the past few years, but this has concealed an alarming drop in Quebec numbers offset by growth in all other provinces. Camp's first task will be to broaden the appeal of Masters swimming so that everyone who takes part in the sport recognizes the value of being a member of the organization. Not every Masters swimmer is an elite competitor and many choose not to compete at all. Value must be demonstrated to these fitness and social swimmers. He is convinced that the true number of Masters swimmers in Canada is at least double the registered number of 6500. www.compusmart.ab.ca/masterssc

FREESTYLE QUEEN!

Congratulations to Jane Asher of Great Britain. It has been confirmed by Walt Reid who is the official FINA Masters World Record Recorder that Jane's feat of holding all the World freestyle records in the 70-74 age group, both long and short course, has not been achieved by any other Masters swimmer in any age group.



Jane Asher (GBR)

PROMOTING AQUATIC SPORTS

The Cuban Swimming Federation and The Latin American & Caribbean Masters Swimming Championships ("LATyCAR") in its quest to continue developing and promoting Masters aquatic sports in the Americas, is hosting a worldwide OPEN to all teams in Water Polo, Diving, 3-5-10K Open Water and multiple Postal events in swimming in August 2002. We invite you, from anywhere in the world, to participate and help make this event another LATyCAR success and memorable experience. There are special provisions for American Masters attending.

Information at <http://www.latycar.org> or E-mail webmaster@latycar.org.

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LEN MASTERS CALENDAR

47 COMPETITIONS

After the update of the LEN Masters Calendar for the year 2002, there are now altogether 47 events in all five disciplines included: 39 in swimming, 3 in diving, 2 in water polo, 1 in synchronized swimming and 2 in open water swimming, held in 14 countries.

Bids requested – The IX European Masters Championships in Swimming, Diving and Open Water Swimming will take place from 26 to 31 August 2003 in the wonderful area of Millau, France. For the first time, France will host an European Masters Championships. Interested federations can make bids for the Championships in 2005 to the LEN Office. After the first European Masters Championships in Water Polo, which were held in September 2001 in Split/Croatia with 24 teams from ten countries competing in four age groups, for the next Championships in 2003, bids are requested to the LEN office.

AVOIDING THE DREADED DQ

You've done all the training, avoided excessive drinking and staying up late (both faults Masters swimmers are prone to), arrived at the pool in good time, warmed up, squeezed yourself into that new and expensive bodysuit, and what happens. Through some predestined fault you finish your race, look for the results, and see the dreaded letter DQ against your name. No place, no time, no nothing. Upsetting

for you, upsetting, believe it or not, for the other people in your event. Watermarks has conducted a survey amongst swimmers and officials, and here is our top ten faults committed by Masters swimmers that result in their exclusion from the results list. So, for individual events they are:

- 1) The false start
- 2) Dolphin kicking in breaststroke
- 3) One-hand touch in breaststroke and sometimes in butterfly
- 4) The underwater butterfly stroke
- 5) A breaststroke into the wall of finish of a butterfly race
- 6) Kicking into the wall once you have turned over in a backstroke turn
- 7) The alternating butterfly kick
- 8) Don't have your elbows out of the water during breaststroke swimming
- 9) Finish on you back in an IM
- 10) Don't go beyond 15-meters underwater on all strokes except breaststroke

Note: If you are following FINA rules you must provide a disqualification code for a swimmer who has been dq'd.

OPEN WATER IN THE NETHERLANDS

by Rob Hanou

The Netherlands is a small European country, measuring about 350k from north to south and about 200k from west to east. With almost half of its surface below sea level, land is protected from the sea by natural sand dunes and man-made dikes. A great number of artificial canals and lakes or reservoirs together accommodate the country's water management. Ideal circumstances have been created for the organization of Open Water Swimming events in many different locations. The Netherlands house only two (exclusively) Masters swimming clubs. Most Masters swimmers have joined the regular swimming clubs with members ranging from 4 to 100 years of age. Open Water competitions are organized for all age groups. Different distances

for different age groups in both freestyle and breaststroke. From 1000m upward races are usually held around a closed 500m course marked by lines and buoys. Starts usually take place to the right of the line; after the turn the competitors swim back on the other side of the line, thus finishing next to where they started. Events take place during the summer season, from mid-June until mid-September, almost every weekend, on Saturday and/or Sunday. Each competitor is required to wear a brightly coloured, numbered cap, provided by the meet management. The races are supervised by a jury of 20 to 30 people, and escorted by emergency teams with divers and boats. The organizing committee takes care of the catering for these swimmers. Masters

events have been included in the programs since 1986 – at first only freestyle events, but since 1991 also breaststroke events. 50-100 Masters compete per event. The total number of participants runs from 250 – 1000. Winners and runner-ups receive cups and each competitor completing the distance receives a remembrance. The water temperature limit is 16 degrees Celsius. If the temperature is lower races will be postponed or cancelled. For distances of 3000m or more the water temperature for Masters must be 18 degrees. Open Water Masters swimming used to work with four age groups: 25-34, 35-44, 45-54, and 55+. However, in 2001 for the first time the 5-year age groups will be used for the rankings.

MASTERS SWIMMING IN SWEDEN...

Swedish Masters is a part of the Swedish Swim Federation managed by a committee. They have about 1000 licensed swimmers and have Swedish Short Course Championships once a year. They have very few long distance races. They have their own coach leading their training camps, which the Federation arranges twice a year. The Federation's goal is to have 10,000 registered swimmers within 4 years! Only last year were they acknowledged as full members of their Federation. There are about 45 swimming clubs with Masters but only one club just for Masters. Most swimmers have a hard time getting to training facilities. Swedish Masters have about 10 competitions a year in Sweden and regularly participate in Norway, Finland and Denmark. Every other year they attend the Nordics, which include Denmark, Finland, Iceland, Norway and Sweden. All Championships in the Nordic countries are Open. The Masters committee in the Federation has three members and they also have a representative in LEN. Each swimmer pays a fee of approximately \$30 US to get a license and also club membership fees. Masters has no newsletter but have a web page with results and invitations to meets. www.simforbundet.nu/masters

Clubs can have sponsors and also get monies through a big Lotto.

... AND IN ARGENTINA

The Argentinean Masters program was first established in 1961 with the idea of socializing, when a group of ex-swimmers gathered together to create VEN (Veteranos en Nacion). It was not until 1985 that the first domestic competition was organized at the Buenos Aires law School in a 20 m pool. Up to this point, Masters in Argentina was a local and social affair for about 24 years. Since 1985, they have scheduled two national competitions a year, one in winter, the other in summer. Usually one is long course. The first ever Argentinean National Championship was held on March 14, 1986 at Club Ciudad de Buenos Aires. To date, there are about 500 registered Masters swimmers in Argentina. In 1986, several swimmers entered the FINA World Masters Championships in Japan. Argentina has a Masters Board in charge of unifying criteria and coordinating activities. CAADA or the Confederacion Argentina de Actividades Acuaticas is the entity that rules swimming in Argentina. Masters were included into this organization in 1996. Besides the two national championships, there is a circuit of five competitions where one can score points towards being national champion in all styles and distances. If you want to know more about Argentina's programs or swim meets, contact [Claudia at claudiacasa@uolsinectis.com.ar](mailto:claudiacasa@uolsinectis.com.ar)

ASA SWIM FIT CLUB

The Masters committee met twice in the first half of 2001, a major topic of discussion being the Masters National Development Plan. Without a Development Plan there will be no ASA Funding. Some considerable time has been spent by the Committee to ensure that the plan provides for the development of Masters in the UK over the next 5 years and that all the important steps to achieve this are included. The Plan should recognize the whole spectrum of adult swimming. There are more adult "lap" swimmers than competitive Masters so what is the ASA doing for them? The ASA in conjunction with the Institute of Sport and Recreational Management issued a questionnaire to discover ways in which adult swimmers could be helped and encouraged. The points identified are summarized as:

- 1) Poolside stroke coaching
- 2) Training advice
- 3) Nutritional information
- 4) Communication with members using the Internet

Subscriptions in the region of 10 per annum in response to this a variety of initiatives have been suggested to meet these requirements and to make a Swim Fit Club attractive to adult lap swimmers. One such initiative is to produce a swim around Britain map with a mileage on which swimmers can chart their progress as they complete their lap sessions in the pool. It is planned to launch the club in January 2002. The web site design has been drafted with a list of the pools around Britain which support adult sessions, a guide to swimming programs for various abilities, reading references, links to other useful web sites, a notice board, swimming performance ladders and a swim shop. The Swim Fit Club will be managed by the ASA with technical input from the ASA Masters Committee. The ASA web site is:
www.britishswimming.org

NOTICES

OTHERS MASTERS PUBLICATIONS

- GUIDE FOR THE CONDUCT OF MASTERS SWIMMING EVENTS

US Dollars 10.-

- MASTERS SWIMMING WORLD TOP TEN TABULATION

- Yearly publication - To know the best in each category

US Dollars 10.-

- THE FINA HANDBOOK (in English) or LE MANUEL DE LA FINA (en Français)

The 2002-2005 edition contains all rules about Masters and the addresses and codes of all national organisations recognised by FINA.

US Dollars 15.-

FINA MASTERS PATCHES

The following patches are available from the FINA Office for those that qualify.

- FINA Masters Swimming Record
- FINA Masters Swimming Top ten

Cost is \$5.00 (US) for each patch.

PLAN AHEAD

Training while out of town or country. Jim Acker writes that even though he is not travelling as much as he used to, he utilizes the Internet to find good places to swim in many locations. The most invaluable site is the Swimmer's Guide Online, SGOL, (www.lorinet.com/sgol/), which is linked on the SWIM web site. The guide allows swimmers to locate pools (private and public) in cities and even foreign countries before they depart. SGOL frequently lists contact phone numbers and e-mail addresses that can help get more information about pools and Masters team work-outs. After finding descriptions of promising pools, try employing any of a number of mapping and routing sites (Yahoo, Mapquest, Mapblast) to map the location and route from your accommodations to the pool. You have to do the best you can with what is available, but prior research can help determine the best places to swim while travelling.

DIPPING THROUGH THE TROPICS

Perfidious Albion, represented by seven swimmers, continued its rivalry with its French neighbours in the 'French Masters Winter Championships' held in the wonderful warmth of the Caribbean island of Martinique. Whatever anyone might be inclined to say about the French and their enthusiasm for all things French, such as the Common market and the Euro, they do have the right idea about where to go in the winter. The competition was held in a 25-meter 6-lane outdoor pool with a water temperature of 30 degrees and in glorious sunshine. This caused problems for backstroke swimmers on the odd lengths, due to the position of the sun over the starting blocks. It also made it difficult, just as it was in Palma, to keep cool until one's event had been swum. The saving grace was the occasional

A date patch (1999) for use in conjunction with the Top Ten is also available at \$3.00 (US).

NEXT FINA MASTERS NEWS

Number 22 will be published in December 2002



Copies of the Newsletter are distributed to all FINA Member Federations. For those persons interested in receiving the Newsletter regularly, this service is available at no charge. Requests for copies should be forwarded to the FINA Office at the following address :

FINA

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(daily) tropical rainstorm, which could last between 5 minutes and an hour. The organization was excellent and enthusiastic as only the French can be, just so long as you didn't mind having your club name changed, your entry times varied, or being inadvertently entered in an extra event. The 554 competitors present were allowed up to five pool swims plus a sea swim. The standard was as usual almost incredibly varied, with three world records, six European records, four British and 43 French records being achieved. The seven Brits collected 30 gold, 1 silver and 2 bronze medals.

SKINS AND ONE TUF LADY

How did a 68 year old win the 40 and over ladies "Skins" event? We think this may be the first Masters Meet to hold a "Skins" event. Apparently there are Skins in golf and possibly in a heap of other sports too. For those who have not had the opportunity to enter or watch, it is a knockout tournament where the last person is dropped and the event raced again until a winner is found. Such a race in swimming only attracts the fit, the strong and the confident. For those planning on not touching last, they swim with the field and get in front at the end. However, doing 50m repeats after only 60 seconds rest can be very exhausting. By the time the race has been swum four times only the fit, the strong or the confident are left. Wrong! Winkie was still there. Winkie Ashby has always swum. In 1950, at the British Empire Games in Auckland, she won a silver medal for NZ. She is not strong. She has arthritis in her hand and wrists. She has replacements in her right knee and left hip. She entered to enjoy herself and have fun – not believing she could win. Yet she did win making her the perfect example of a "tuf" swimmer.

FINA MASTERS NEWS

The FINA Masters News has been published since 1993 twice yearly. Material for publication should be sent to the Editor by 15th March for the June Edition and by 15th October for the December Edition. General news items of international interest and listings for the calendar (restricted to National or International events which are open to all Masters) should be addressed to the Editor at the following address:

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FINA Masters World Records - WOMEN'S LONG COURSE - Dated 1st May 2002

	FREE	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85-89 years	90-94 years	95-99 years	100-104 years
50 metres	Alison Sheppard GBR 98 26.20	Toni Jeffs NZL 02 25.98	Tracey Moll USA 96 26.66	S. Neilson-Bell USA 96 27.39	Berger-Taluchino FRA 02 28.07	Laura Val USA 01 30.33	Judy Wilson GBR 00 30.33	Christel Schulz GER 02 32.38	Oiga Krajci SU 02 33.38	Jane Asher GBR 01 35.15	Jean Troy USA 02 37.48	J.Drake-Brockman AUS 00 40.89	Ume Wada JPN 96 49.84	Marjorie Sharpe USA 02 53.76	Aileen Soule USA 96 53.76	Mary M. Anderson CAN 98 53.57	Mary Mama AUS 94 51.08
100 metres	Alison Sheppard GBR 98 58.22	Angel Marino USA 00 57.09	Tracey Moll USA 98 58.38	S. Neilson-Bell USA 96 1:00.63	Berger-Taluchino FRA 02 1:02.34	Laura Val USA 01 1:01.13	Judy Wilson GBR 00 1:09.00	Christel Schulz GER 02 1:12.16	Oiga Krajci SU 02 1:14.93	Jane Asher GBR 01 1:18.69	Jean Troy USA 02 1:28.07	Ume Wada JPN 96 1:39.30	Marjorie Sharpe USA 02 1:56.51	Aileen Soule USA 96 2:19.62	Mary M. Anderson CAN 98 4:06.70	Mary Mama AUS 94 5:10.84	
200 metres	Sara Shand USA 89 2:07.11	Beth Knight USA 89 2:07.84	K. Pipas-Nelsen USA 97 2:06.94	Jill Hernandez USA 00 2:13.10	Laura Val USA 98 2:17.12	Laura Val USA 01 2:15.37	Ardith Mueller USA 97 2:34.88	Christel Schulz GER 02 2:38.89	Clara Walker USA 92 2:48.51	Jane Asher GBR 02 2:50.27	Jean Troy USA 02 3:17.71	Ume Wada JPN 92 3:44.00	Marjorie Sharpe USA 02 4:10.20	Julia Dolce USA 99 5:19.36	Julia Dolce USA 99 5:19.36		
400 metres	Sara Shand USA 89 4:27.53	K. Pipas-Nelsen USA 96 4:28.76	K. Pipas-Nelsen USA 97 4:35.74	Penny Palfrey AUS 02 4:52.03	Laura Val USA 00 4:53.86	Laura Val USA 01 4:52.03	Ardith Mueller USA 97 5:25.59	Yoshiko Osaki JPN 98 5:46.79	Lavelle Stoinoff USA 98 5:54.90	Jane Asher GBR 02 6:07.62	June Krauser USA 01 6:57.29	Rita Simonon USA 99 7:53.37	Ume Wada JPN 97 9:31.21	Julia Dolce USA 99 11:44.11	Julia Dolce USA 99 11:44.11		
600 metres	Eva Mortensen GBR 96 9:17.09	Lynn Marshall CAN 92 9:16.82	K. Pipas-Nelsen USA 97 9:16.20	Penny Palfrey AUS 02 9:24.90	Laura Val USA 98 10:06.23	Laura Val USA 01 10:02.54	Ardith Mueller USA 97 11:15.07	Yoshiko Osaki JPN 99 11:44.16	Lavelle Stoinoff USA 98 12:23.32	Jane Asher GBR 02 12:32.21	June Krauser USA 01 14:10.50	Rita Simonon USA 01 16:05.85	Ume Wada JPN 98 19:12.10	Julia Dolce USA 01 28:07.33	Julia Dolce USA 01 28:07.33		
1500 metres	Amy Pope USA 88 17:38.78	Karen Burton USA 96 17:38.70	K. Pipas-Nelsen USA 00 17:46.58	S. Heim-Bowen USA 98 18:14.34	Laura Val USA 98 19:26.97	Laura Val USA 01 19:08.69	Ardith Mueller USA 97 21:09.91	Lavelle Stoinoff USA 95 22:50.81	Lavelle Stoinoff USA 98 23:42.01	Jane Asher GBR 01 24:06.48	June Krauser USA 01 27:40.67	Rita Simonon USA 99 30:41.01	Ume Wada JPN 97 36:23.65	Julia Dolce USA 99 50:28.55	Julia Dolce USA 99 50:28.55		
BACK	Kaoru Ono JPN 98 30.73	D. Grainer-Gallais USA 86 30.94	K. Pipas-Nelsen USA 99 31.43	Laura Val USA 94 32.25	Laura Val USA 97 32.93	Laura Val USA 01 33.81	B. Barnett-Sailei USA 02 35.55	Margaret Wilding GBR 01 36.86	Pam Hutchings AUS 02 38.85	Doris Steadman USA 96 42.29	Bunny Cederlund USA 98 44.43	Doris Steadman USA 02 48.39	Bunny Cederlund USA 91 58.42	Aileen Soule USA 96 1:03.49	Mary M. Anderson CAN 98 1:57.79	Mary M. Anderson CAN 98 1:57.79	
50 metres	Alison Sheppard GBR 98 1:05.02	D. Grainer-Gallais USA 96 1:05.42	K. Pipas-Nelsen USA 98 1:06.29	Beth Baker USA 01 1:10.45	Laura Val USA 97 1:12.70	Laura Val USA 01 1:14.63	B. Barnett-Sailei USA 02 1:17.51	Margaret Wilding GBR 00 1:22.07	Pam Hutchings AUS 02 1:27.51	Jane Asher GBR 02 1:33.61	Doris Steadman USA 99 1:39.06	Bunny Cederlund USA 02 1:48.64	Willy Van Rysel GBR 01 2:12.48	Aileen Soule USA 96 2:23.23	Mary M. Anderson CAN 98 4:16.79	Mary M. Anderson CAN 98 4:16.79	
100 metres	Diane Ganer USA 89 2:19.97	K. Pipas-Nelsen USA 96 2:18.98	K. Pipas-Nelsen USA 97 2:18.20	Patty Landers USA 01 2:33.95	Patty Landers USA 01 2:38.04	Barbara Gundred USA 02 2:47.52	B. Barnett-Sailei USA 02 2:51.07	Bonnie Pronk CAN 02 2:59.01	Pam Hutchings AUS 02 3:13.06	Jane Asher GBR 02 3:27.58	Doris Steadman USA 99 3:39.41	Bunny Cederlund USA 02 3:59.73	Marjorie Sharpe USA 02 4:44.76	Aileen Soule USA 97 5:29.07	Aileen Soule USA 97 5:29.07		
200 metres	S. Seminatore ITA 89 32.01	Wente Hansen USA 98 33.84	Caroline Krallif USA 01 33.91	Caroline Krallif USA 02 33.79	Maggie Kelly GBR 01 34.74	Jan Wicks USA 01 38.04	Monika Sentileban USA 01 38.30	Shoko Yonezawa JPN 02 38.48	Edith Boehm GER 98 43.98	Olga Kokorina RUS 01 43.98	Betty Christiansen USA 01 49.52	Edith Boehm GER 98 56.34	Betty Christiansen USA 01 1:07.88	Maria Lenk BRA 00 1:07.88	M. Gottschalk GER 98 1:26.57	M. Gottschalk GER 98 1:26.57	
200 metres	Manuela Naeckel GER 99 1:13.15	M. Hohmann GBR 88 1:14.52	Caroline Krallif USA 01 1:13.81	Caroline Krallif USA 02 1:13.82	Maggie Kelly GBR 01 1:18.19	Dot Munger USA 01 1:28.45	Hannelore Roese GER 01 1:28.06	Bonnie Pronk CAN 02 1:27.64	Masayo Azuma JPN 00 1:37.48	Edith Boehm GER 98 1:43.86	Olga Kokorina RUS 01 1:52.44	Gertrud Meierwald GER 00 2:10.47	Dorothy Weston GBR 98 2:34.97	M. Gottschalk GER 98 321.95	M. Gottschalk GER 98 321.95		
FLY	Sharon Davies GBR 90 2:42.02	Wente Hansen USA 99 2:41.51	Caroline Krallif USA 01 2:41.76	Caroline Krallif USA 02 2:42.06	Colette Crabbé USA 01 2:57.24	Jennifer Merritt GBR 01 3:04.70	Bonnie Pronk CAN 01 3:13.90	Masayo Azuma JPN 01 3:14.49	Sylvia Neuhauer AUT 02 3:28.43	Edith Boehm GER 98 3:49.56	Olga Kokorina RUS 99 4:08.40	Gertrud Meierwald GER 00 4:42.75	Emmi Pauli GER 98 5:36.62	Del Rowley Aus 95 10:39.50	Del Rowley Aus 95 10:39.50		
50 metres	Maria Parssinen FIN 97 28.09	Angela Marino USA 00 27.59	Trade Moll USA 99 28.32	Angela Zingler GBR 01 30.30	Jane MacLeod GBR 01 34.74	Jan MacLeod GBR 01 38.04	Monika Sentileban USA 01 38.30	Shoko Yonezawa JPN 02 42.78	Edith Boehm GER 98 43.98	Olga Kokorina RUS 01 49.52	Betty Christiansen USA 01 56.34	Edith Boehm GER 98 1:07.88	Betty Christiansen USA 01 1:07.88	Maria Lenk BRA 00 1:07.88	M. Gottschalk GER 98 1:26.57	M. Gottschalk GER 98 1:26.57	
100 metres	Rosemarie Seaman USA 87 1:03.91	Angela Marino USA 00 1:00.03	Trade Moll USA 99 1:03.79	Angela Marino USA 00 1:06.27	Maggie Kelly GBR 01 1:18.19	Dot Munger USA 01 1:28.45	Hannelore Roese GER 01 1:28.06	Bonnie Pronk CAN 02 1:27.64	Masayo Azuma JPN 00 1:37.48	Edith Boehm GER 98 1:43.86	Olga Kokorina RUS 01 1:52.44	Gertrud Meierwald GER 00 2:10.47	Dorothy Weston GBR 98 2:34.97	M. Gottschalk GER 98 321.95	M. Gottschalk GER 98 321.95		
200 metres	S. Palmer White AUS 92 2:18.69	Eugenia Ongluna K. Pipas-Nelsen RUS 99 2:20.07	K. Pipas-Nelsen USA 97 2:20.21	Beth Baker USA 01 2:28.81	Colette Crabbé USA 01 2:31.37	Laura Val USA 01 2:31.55	Judy Wilson GBR 00 2:32.46	Haile Holer IRL 02 36.56	Jane Asher GBR 02 38.07	Haile Holer IRL 02 38.07	Jane Asher GBR 02 39.77	Jean Troy USA 02 47.74	Gertrud Meierwald GER 00 1:00.50	Jean Durston USA 99 1:11.58	Anna Bauscher USA 94 4:57.25	Anna Bauscher USA 94 4:57.25	
200 metres	Sharon Davies GBR 90 2:22.00	Kathy Pipes USA 96 2:25.68	Angela Marino USA 00 2:25.31	Trade Moll USA 99 2:28.60	Laura Val USA 98 1:08.02	Laura Val USA 01 1:07.81	Judy Wilson GBR 00 1:13.71	Haile Holer IRL 02 1:26.96	Jane Asher GBR 02 1:34.33	Haile Holer IRL 02 1:40.65	June Krauser USA 96 1:56.07	Gertrud Meierwald GER 00 2:21.88	Jean Durston USA 99 2:40.11	Anna Bauscher USA 94 5:49.75	Anna Bauscher USA 94 5:49.75		
400 metres	Sharon Davies GBR 90 5:05.29	Kathy Pipes USA 96 5:07.21	K. Pipas-Nelsen USA 97 5:21.32	K. Pipas-Nelsen USA 00 5:44.80	Colette Crabbé USA 01 5:49.58	Laura Val USA 01 5:49.58	Susana Bardey Spain 00 3:00.95	Yoshiko Osaki JPN 02 3:22.94	Flora Connolly GBR 98 3:33.04	June Krauser USA 96 3:39.91	June Krauser USA 01 4:10.69	Gertrud Meierwald GER 00 5:24.52	Jean Durston USA 99 5:24.52	Anna Bauscher USA 94 5:49.75	Anna Bauscher USA 94 5:49.75		
MEDLEY	Sharon Davies GBR 90 5:05.05	Kathy Pipes USA 96 5:07.21	K. Pipas-Nelsen USA 97 5:21.32	K. Pipas-Nelsen USA 00 5:44.80	Colette Crabbé USA 01 5:49.58	Laura Val USA 01 5:49.58	Brigitte Merien GBR 02 2:44.20	Bonnie Pronk CAN 02 2:54.44	Jane Asher GBR 02 3:00.52	Brigitte Merien GBR 02 3:20.26	Jane Asher GBR 02 3:26.41	Gertrud Meierwald GER 00 4:39.22	Jean Durston USA 99 5:16.68	Anna Bauscher USA 94 12:10.93	Anna Bauscher USA 94 12:10.93		
200 metres	Sharon Davies GBR 90 5:05.29	Hidetka Koshimizu JPN 95 5:05.05	Kathy Pipes USA 96 5:07.21	Kathy Pipes USA 97 5:21.32	Colette Crabbé USA 01 5:49.58	Danielle Ogié USA 02 5:49.58	Brigitte Merien GBR 02 6:17.14	Flora Connolly GBR 98 6:33.09	Jane Asher GBR 01 7:06.75	Brigitte Merien GBR 02 7:25.26	Jane Asher GBR 01 7:51.71	Gertrud Meierwald GER 00 9:45.48	Jean Durston USA 99 11:10.37	Anna Bauscher USA 94 12:10.93	Anna Bauscher USA 94 12:10.93		



FINA Masters World Records - MEN'S LONG COURSE - Dated 1st May 2002

FINA Masters World Records – WOMEN'S SHORT COURSE – Dated 1st May 2002

	FREE	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	80-84 years	85-89 years	90-94 years	95-99 years	100-104 years	
50 metres	Hagemann/Schubert USA GER 97 NED 26.63	Anna Peits-Scott USA 93	Sandy Nelson-Bell USA 95	Beth Knight USA 99 26.13	K. Pipes-Naelsen USA 00 57.35	Jill Hernandez USA 00 58.81	Jackie Hirsty USA 00 28.05	Laura Val USA 01 1.01.49	Ardene Mueller USA 96 30.37	Christel Schulz GER 01 32.43	Gail Roper USA 96 34.17	Jane Asher GBR 01 1.16.58	M Cunningham AUS 00 39.12	Olga Johnson NZL 01 41.98	Julia Doice USA 95 51.99	Jewel Cooke USA 00 1.09.65	Margery Anderson CAN 98 2.02.29
100 metres	Sheila Taormina USA 96 56.30	Sandy Nelson USA 88 57.35	K. Pipes-Naelsen USA 00	Jill Hernandez USA 00 58.81	Laura Val USA 96 1.01.76	Laura Val USA 01 1.01.49	Laura Val USA 01 1.01.49	Carol Felts GBR 01 1.08.01	Christel Schulz GER 01 1.11.41	Gail Roper USA 96 1.16.26	Jane Asher GBR 01 1.28.49	Olga Johnson NZL 01 1.41.36	Julia Doice USA 95 2.00.31	Jewel Cooke USA 00 2.35.08	Margery Anderson CAN 98 4.35.98		
200 metres	Sheila Taormina USA 96 1.15.98	K. Pipes-Naelsen USA 95	K. Pipes-Naelsen USA 97	Jill Hernandez USA 00 2.03.56	Laura Val USA 01 2.15.31	Laura Val USA 01 2.15.84	Laura Val USA 01 2.28.30	Ardene Mueller USA 96 5.15.91	Yoshiko Osaki JPN 99 5.30.24	Jane Asher GBR 97 2.54.55	Jane Asher GBR 01 6.05.01	M Cunningham AUS 01 7.00.56	Rita Simonson USA 98 7.33.69	Maria Lenk BRA 00 3.37.21	Jewel Cooke USA 00 4.36.42	Margery Anderson CAN 98 5.45.22	
400 metres	Sheila Taormina USA 96 4.24.18	K. Pipes-Naelsen USA 96 4.22.70	K. Pipes-Naelsen USA 99 4.22.56	Jill Hernandez USA 00 4.24.22	Laura Val USA 01 4.49.52	Laura Val USA 01 4.52.22	Laura Val USA 01 5.15.91	Ardene Mueller USA 96 6.00.99	Yoshiko Osaki JPN 00 5.30.24	Jane Asher GBR 96 6.00.99	Jane Asher GBR 01 6.05.01	M Cunningham AUS 01 7.00.56	Rita Simonson USA 98 7.33.69	Maria Lenk BRA 00 9.27.75	Jewel Cooke USA 00 10.45.34	Margery Anderson CAN 98 10.45.34	
800 metres	Sheila Taormina USA 96 8.51.18	K. Pipes-Naelsen USA 96 9.08.34	Laurie Hug USA 00 9.14.27	Lynn Marshall CAN 01 9.21.44	Laura Val USA 98 9.56.23	Laura Val USA 01 10.16.80	Laura Val USA 01 10.56.19	Barbara Dunbar USA 01 10.16.80	Ardene Mueller USA 96 10.56.19	Yoshiko Osaki JPN 00 11.18.60	Jane Asher GBR 99 12.26.85	Jane Asher GBR 01 12.32.86	Rita Simonson USA 98 14.49.21	Maria Lenk BRA 00 15.49.21	Jewel Cooke USA 00 19.41.58	Margery Anderson CAN 98 28.45.45	
1500 metres	Sheila Taormina USA 96 16.36.07	Karen Button USA 94	Laurie Hug USA 00 17.27.84	Lynn Marshall CAN 01 17.55.55	Laura Val USA 98 18.55.82	Laura Val USA 01 19.31.34	Laura Val USA 01 20.49.11	Barbara Dunbar USA 01 21.59.82	Ardene Mueller USA 96 21.59.82	Yoshiko Osaki JPN 98 23.36.44	Jane Asher GBR 01 24.05.31	Doris Steadman USA 01 24.93.46	Rita Simonson USA 98 27.39.46	Maria Lenk BRA 00 28.75.53	Jewel Cooke USA 00 37.39.53	Margery Anderson CAN 98 2.05.36	
BACK	50 metres	Gisela Pereira BRA 98 30.32	D. Graner Galas USA 96 30.14	K. Pipes-Naelsen USA 95 30.73	Laura Val USA 99 31.55	Laura Val USA 96 32.39	Laura Val USA 96 33.51	Laura Val USA 01 33.51	Monika Wilding GBR 00 35.82	Pam Hutchings AUS 01 36.92	Jane Asher GBR 01 42.44	Doris Steadman USA 01 44.76	Betty Stern GBR 01 52.13	Masa Shigeno JPN 100 56.38	Maria Lenk BRA 00 1.15.02	Margery Anderson CAN 98 1.25.36	
100 metres	Lia Obensier USA 01 1.03.33	K. Pipes-Naelsen USA 95 1.03.96	Vibeke Swanson USA 01 1.03.56	Laura Val USA 01 1.07.80	Laura Val USA 01 1.12.95	Sankyo Takeji JPN 97 1.19.61	Margaret Wilding GBR 00 1.21.88	Pam Hutchings AUS 01 1.25.53	Jane Asher GBR 01 1.34.17	Doris Steadman USA 01 1.39.76	Edith Stein ISR 98 1.39.76	Willy Van Ryse GBR 01 1.57.69	Maria Lenk BRA 00 2.11.03	Jewel Cooke USA 00 2.45.49	Margery Anderson CAN 98 2.45.49		
200 metres	Lia Obensier USA 01 2.14.77	K. Pipes-Naelsen USA 96 2.16.62	K. Pipes-Naelsen USA 97 2.14.10	Beth Baker USA 01 2.25.78	Karen Eisdier USA 01 2.36.01	Anne Cork GBR 04 2.43.04	Maria Balla USA 01 2.56.86	Pam Hutchings AUS 01 2.57.92	Jane Asher GBR 01 3.08.61	Doris Steadman USA 01 3.20.96	Edith Stein ISR 98 3.38.25	Edith Stein ISR 98 4.03.55	Maria Lenk BRA 00 4.14.34	Jewel Cooke USA 00 6.32.92	Margery Anderson CAN 98 6.32.92		
BREAST	50 metres	Ria Willenste NED 90 33.60	Wenke Hansen USA 00 32.82	Caroline Krattil USA 00 33.03	Eva M Hakansson CAN 00 35.22	Maggie Kelly GBR 01 34.64	Susan Jones-Roy USA 01 37.94	Jean Wicks AUS 01 38.32	Monika Sanfilippo GER 02 39.53	Shoko Yonetawaza JPN 02 43.07	Edith Boethim GER 99 45.08	Saloko Suzuki JPN 98 49.57	Nicole Guillais FRA 02 56.71	Maria Lenk BRA 00 1.08.39	Margery Anderson CAN 98 1.25.24		
100 metres	Manuela Naechel GER 98 1.10.71	Wenke Hansen USA 00 1.10.00	Caroline Krattil USA 00 1.11.97	Dagmar Hilbig GER 01 1.17.18	Maggie Kelly GBR 01 1.17.21	Susan Jones-Roy USA 01 1.22.53	Bonnie Ponik CAN 97 1.25.92	Masayo Azuma JPN 00 1.28.09	Edith Boethim GER 99 1.34.50	Saloko Suzuki JPN 00 1.42.62	Edith Boethim GER 00 1.49.77	Saloko Suzuki JPN 00 2.08.23	Gertrud Meierwald BRA 00 2.29.90	Maria Lenk BRA 00 3.25.74	Margery Anderson CAN 98 3.25.74		
200 metres	Andrea Pickard USA 01 2.35.66	Wenke Hansen USA 00 2.30.65	Caroline Krattil USA 00 2.36.04	Dagmar Hilbig GER 99 2.47.54	Ulrike Urbanik GER 99 2.54.97	Christiane Heeren GER 99 3.00.98	Bonnie Ponik CAN 97 3.08.87	Flora Connolly GBR 98 3.09.69	Ann Hirsh CAN 02 3.25.67	Eiko Mori JPN 02 3.45.66	Eiko Mori JPN 02 4.15.41	Rita Simonson USA 01 4.49.62	Maria Lenk BRA 00 5.39.33	Jewel Cooke USA 00 9.03.85	Margery Anderson CAN 98 9.03.85		
FLY	50 metres	Sheila Taormina USA 96 28.68	Wenke Hansen USA 00 28.34	Caroline Krattil USA 00 28.68	Tracey Moll GBR 00 29.45	Marie Sandler GBR 00 30.50	Laura Val USA 01 31.16	Judy Wilson GBR 00 31.92	Shoko Yonetawaza JPN 02 36.04	Edith Boethim GER 99 36.04	Lois Kuij Nochman GER 00 38.09	Saloko Suzuki JPN 98 47.88	Gertrud Meierwald BRA 00 1.08.39	Jean Durston GBR 00 1.08.39	Jewel Cooke USA 00 1.17.35	Margery Anderson CAN 98 1.17.35	
100 metres	Sheila Taormina USA 96 1.01.33	Wenke Hansen USA 00 1.02.70	K. Pipes-Naelsen USA 97 1.03.29	Beth Baker USA 01 1.05.49	Laura Val USA 01 1.07.80	Laura Val USA 01 1.09.05	Judy Wilson USA 01 1.12.98	Yoshiko Osaki JPN 99 1.23.78	Helga Reich GER 01 1.31.92	Jane Asher GBR 01 1.34.70	Helga Reich GER 01 1.49.77	Helga Reich GER 01 2.08.23	Gertrud Meierwald BRA 00 2.22.05	Jean Durston GBR 00 2.29.90	Jewel Cooke USA 00 2.36.50	Margery Anderson CAN 98 4.06.32	
200 metres	S. Palmer White AUS 91 2.17.13	K. Pipes-Naelsen USA 96 2.19.64	K. Pipes-Naelsen USA 97 2.18.41	Beth Baker USA 01 2.26.16	Laura Val USA 01 2.32.52	Laura Val USA 99 2.44.84	Judy Wilson USA 01 2.53.92	Yoshiko Osaki JPN 00 3.05.20	Helga Reich GER 02 3.28.93	Lois Kuij Nochman GER 02 3.38.39	Lois Kuij Nochman GER 02 4.08.39	M Cunningham AUS 00 4.18.61	Gertrud Meierwald BRA 00 5.22.65	Jean Durston GBR 00 5.42.80	Jewel Cooke USA 00 5.42.80	Margery Anderson CAN 98 5.42.80	
MEDLEY	100 metres	Wenke Hansen USA 98 1.05.67	K. Pipes-Naelsen USA 00 1.04.96	Beth Baker USA 01 1.05.40	Maggie Kelly GBR 01 1.08.98	Susan Jones-Roy USA 01 1.17.81	Laura Val USA 01 1.21.04	Bonnie Ponik CAN 02 1.21.04	Yoshiko Osaki JPN 99 1.28.61	Jane Asher GBR 01 1.31.75	Jane Asher GBR 01 1.46.18	Lois Kuij Nochman GER 00 2.03.87	Maria Lenk BRA 00 2.22.10	Jean Durston GBR 00 2.32.10	Jewel Cooke USA 00 3.13.87	Margery Anderson CAN 98 3.13.87	
200 metres	Wenke Hansen USA 98 2.21.79	Wenke Hansen USA 00 2.18.89	K. Pipes-Naelsen USA 97 2.19.08	Jill Hernandez USA 00 2.22.51	Danielle Ogiar USA 00 2.36.60	Anne Cork GBR 01 2.47.01	Ardene Mueller USA 91 2.52.43	Bonnie Ponik CAN 02 2.56.70	Flora Connolly GBR 00 3.15.59	Jane Asher GBR 01 3.22.36	Jane Asher GBR 01 4.04.77	Maria Lenk BRA 00 5.09.92	Jean Durston GBR 00 6.56.70	Jewel Cooke USA 00 6.56.70	Margery Anderson CAN 98 6.56.70		
400 metres	Wenke Hansen USA 98 5.02.54	K. Pipes-Naelsen USA 96 4.53.85	K. Pipes-Naelsen USA 97 4.52.85	Jill Hernandez USA 00 5.02.17	Laura Val USA 99 5.33.37	Laura Val USA 99 5.56.24	Ardene Mueller USA 91 6.11.73	Bonnie Ponik CAN 02 6.25.24	Flora Connolly GBR 00 6.57.58	Jane Asher GBR 01 7.09.96	Jane Asher GBR 01 7.52.71	M Cunningham AUS 00 8.09.43	Jean Durston GBR 00 9.50.43	Jewel Cooke USA 00 10.55.73	Margery Anderson CAN 98 14.55.37		

FINA Masters World Records - MEN'S SHORT COURSE - Dated 1st May 2002

	FREE	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85-89 years	90-94 years	95-99 years	100-104 years
50 metres	Robert Peet USA 33 22.48	Rowdy Gaines JPN 89 22.82	John Miranda SWE 00 22.44	Paul Smith USA 01 24.00	V Galavigne FRA 00 24.14	Roger Hawkins USA 00 25.29	Richard Abrahams USA 01 25.00	Jeff Farrell USA 00 26.31	Cav Cavanaugh USA 00 27.68	Ronald Johnson USA 01 28.68	Frank Piemonte USA 01 31.06	B Schunke GER 01 33.23	Jim Eubank USA 00 36.61	Kazunaga Akutsu JPN 02 43.89	Gus Langner USA 88 57.57	Tom Lane USA 35 205.66	
100 metres	Bjorn Zlansky USA 55 49.91	Nike Fibbers GBR 00	John Miranda SWE 00 49.53	Paul Smith USA 01 52.44	Terry Dornan RSA 05 54.64	Jim McConica USA 01 55.81	Richard Abrahams USA 01 56.51	Jeff Farrell USA 00 1.00.24	Cav Cavanaugh USA 00 1.02.41	Graham Johnston USA 01 1.06.26	Frank Piemonte USA 01 1.11.55	Hiroki Ueki JPN 95 1.18.80	Jim Eubank USA 00 1.23.20	R. Reinstadler GER 02 1.55.16	Gus Langner USA 98 2.19.51	Tom Lane USA 35 4.32.29	
200 metres	John Kappeler USA 55 1:48.81	Rowdy Gaines JPN 89 1:50.91	Edwin Van Norden NED 98	Paul Smith USA 01 1:53.66	Tim Broderick USA 96 2.00.13	Jim McConica USA 00 1:58.37	Tim Birnie USA 00 2.06.94	Tony Cherington GBR 02 2:18.44	Graham Johnston USA 97 2.22.07	Graham Johnston USA 01 2.24.31	Ray Tait USA 94 2.48.67	Ray Tait USA 99 3.00.63	Gastao Figueiredo BRA 00 3.13.45	Gus Langner USA 98 4.20.43	Gus Langner USA 98 5.13.46		
400 metres	A Angelotti BRA 01 3:56.34	Alex Kosch USA 00 3:58.40	F Silvestri ITA 02 4:09.10	William Specht USA 99 4:14.73	Jim McConica USA 99 4:32.83	Jim McConica USA 00 4:07.99	Tim Birnie USA 00 4:56.69	Graham Johnston USA 96 5:09.09	Graham Johnston USA 01 5:11.98	Frank Piemonte USA 00 6:01.32	Ray Tait USA 99 6:27.60	Jim Eubank USA 00 7:19.94	Gus Langner USA 98 8:50.55	Gus Langner USA 98 10:51.93			
800 metres	A Angelotti BRA 01 8:07.91	Alex Kosch USA 00 15:51.07	Mike Shaffer USA 00 8:26.43	Hess Yteneira USA 95 8:49.83	Tim Broderick USA 96 8:56.08	Jim McConica USA 00 16:33.02	D. Uilenbogaart NED 02 9:32.94	Eimmo Valtton ITA 02 10:07.80	Graham Johnston USA 96 10:35.13	Graham Johnston USA 01 10:52.68	Frank Piemonte USA 00 12:13.28	Ray Tait USA 99 13:29.27	Jim Eubank USA 00 15:15.86	Gus Langner USA 98 22:05.55	Gus Langner USA 98 22:05.55		
1500 metres	Alex Kosch USA 97 15:41.81	Bobby Patten USA 00 15:58.20	Hess Yteneira USA 95 16:51.71	Jim McConica USA 96 16:51.21	Tim Broderick USA 96 16:51.21	Jim McConica USA 00 16:59.99	D. Uilenbogaart NED 02 18:27.16	Graham Johnston USA 96 18:48.44	Graham Johnston USA 01 19:53.18	Frank Piemonte USA 00 20:54.56	Ray Tait USA 99 24:27.63	Jim Eubank USA 00 25:35.01	Gus Langner USA 98 29:55.69	Gus Langner USA 98 41:29.87	Gus Langner USA 98 44:48.99		
BACK	50 metres	Martin Harris GBR 94 25.43	Martin Zubero USA 01 25.54	Clay Britt USA 01 27.44	V. Galavigne FRA 01 28.80	Hugh Wilder USA 97 29.50	Robert Smith USA 99 30.35	Luiz Figueiredo BRA 01 33.45	Yoshi Okakawa USA 94 33.38	Paul Hultinger USA 94 35.71	Keijiro Nakamura JPN 98 37.47	Shoichi Sakamoto JPN 98 42.16	Gen Kobayashi JPN 01 43.80	Kazunaga Akutsu JPN 02 55.57	Gus Langner USA 98 1:27.67		
100 metres	Martin Harris GBR 94 54.82	Martin Zubero USA 01 55.78	Jim Harvey USA 01 58.20	J. Clay Britt USA 01 58.47	V Galavigne FRA 00 1:02.31	Hugh Wilder USA 97 1:04.17	Tim Birnie USA 00 1:04.89	Gary Chase USA 00 1:12.42	Yoshi Okakawa USA 98 1:14.66	Paul Hultinger USA 94 1:21.74	Keijiro Nakamura JPN 98 1:24.21	Gen Kobayashi JPN 01 1:33.58	R. Reinstadler GER 02 1:39.35	Gus Langner USA 98 2:08.33	Gus Langner USA 98 3:36.07		
200 metres	Martin Harris GBR 94 2:01.78	Martin Zubero USA 01 2:00.43	Jerome Frientos USA 00 2:07.12	William Specht USA 98 2:09.61	Weislaw Musial CAN 02 2:17.34	R. Tod Soileker USA 99 2:20.42	Barry Young NZL 01 2:24.72	S. Sekikawa USA 98 2:47.59	Roger Franks USA 98 2:55.73	Roger Franks USA 02 2:58.21	Ray Tait USA 99 3:23.73	Carl Scherer GER 99 4:05.25	R. Reinstadler GER 02 4:39.95	Gus Langner USA 98 4:59.25	Gus Langner USA 98 8:32.34		
BREAST	50 meters	Hideaki Togo JPN 99 28.69	Dean Fullerton USA 96 29.21	Wally Dicks USA 98 28.82	Gerhard Ammer GER 99 30.63	Glen Christiansen SWE 02 31.24	Don McKenzie USA 97 31.24	Robert Strand USA 01 32.18	Yoshitomo Obae JPN 00 33.64	Nick Templeman CAN 01 35.46	Toshio Tajima JPN 00 37.47	Y. Miyamoto JPN 97 39.97	Hiromu Yoshimoto JPN 00 44.56	R. Reinstadler GER 02 48.82	Gus Langner USA 98 1:03.85		
100 metres	Hideaki Togo JPN 99 1:02.87	Rogue Santos USA 99 1:03.64	Wally Dicks USA 00 1:02.79	Plamen Alexandrov USA 01 1:05.97	Lee Rider USA 01 1:08.09	Robert Strand USA 01 1:11.53	Jack Kelso CAN 99 1:17.95	Nick Templeman CAN 96 1:21.34	Jack Kelso CAN 99 1:25.87	Ronald Johnson USA 01 1:28.61	Y. Miyamoto JPN 97 1:43.91	Hiromu Yoshimoto JPN 00 1:50.32	Jim Penfield USA 98 2:45.20	Gus Langner USA 98 3:35.33			
200 metres	Tomasz Duszyński POL 01 2:19.34	Nick Gillingham GBR 01 2:16.60	Wally Dicks USA 00 2:20.90	Ron Schaler USA 97 2:25.58	Rick Colella USA 00 2:34.24	Robert Strand USA 01 2:34.71	Michael Molony AUS 99 2:36.18	Thomas Walker GBR 00 3:03.31	Karl Hauler GER 95 3:16.44	Karl Hauler GER 00 3:21.50	Alida Da Rosa USA 97 3:56.61	Hiromu Yoshimoto JPN 01 4:20.43	Gus Langner USA 98 6:41.56	Gus Langner USA 98 7:28.31			
FLY	50 metres	Makio Endo JPN 01 25.13	Brian Alderman USA 99 24.64	Ramon Gamboa VEN 98 25.80	Dan Thompson USA 93 27.08	Greg Shaw USA 01 27.45	Richard Abrahams USA 01 27.74	Bob Baile USA 01 29.81	Chitoshi Konishi JPN 00 30.70	Ronald Johnson USA 01 32.57	Yoshihiko Obae JPN 00 34.83	Hiromu Yoshimoto JPN 97 41.87	Andrew Holden USA 98 41.87	R. Reinstadler GER 02 52.74	Gus Langner USA 98 1:08.25		
100 metres	Curtis Sarn USA 00 54.88	Hiroshi Mura JPN 96 54.82	Jim Harvey USA 01 55.85	William Specht USA 98 56.18	Parmi Galavigne USA 98 1:01.13	John McCall USA 01 1:01.95	Richard Abrahams USA 01 1:03.87	Jack Kelso CAN 99 1:09.70	Ron Johnson USA 01 1:16.70	Robert Johnson USA 01 1:19.51	Robert Piersdorff GER 00 1:28.61	Paul Kup USA 97 1:32.07	Walter Pfeiffer GER 02 1:47.20	Walter Pfeiffer GER 02 2:04.50			
200 metres	Steven Mallor GBR 00 2:05.26	Hiroshi Mura JPN 00 2:00.21	Bobby Patten USA 99 2:04.50	William Specht USA 98 2:02.97	John Craig USA 98 2:16.66	Boo Grane Gallas USA 97 2:21.58	Robert Peleman USA 01 2:28.52	Koji Iwanoto JPN 02 2:27.97	Werner Müller GER 99 3:06.32	Jesus Dominguez ESP 00 3:13.57	Robert Piersdorff GER 99 3:26.72	Anton Cerer USA 97 4:00.64	Walter Pfeiffer GER 02 4:45.09	Walter Pfeiffer GER 02 5:15.87			
MEDLEY	100 metres	Attila Czege USA 01 56.76	Martin Zubero USA 01 56.98	J. Clay Britt USA 01 58.36	Tom Raudy USA 01 1:00.54	Roberto Strand USA 01 1:04.97	Richard Abrahams USA 01 1:07.15	Jack Kelso CAN 99 1:09.93	Ron Johnson USA 01 1:15.61	Frank Piemonte USA 00 1:24.90	Ray Tait USA 99 1:35.31	Walter Pfeiffer GER 02 1:51.87	R. Reinstadler GER 02 2:16.67	Gus Langner USA 98 3:33.98			
200 metres	John Kappeler USA 95 2:05.93	Hiroshi Mura JPN 00 2:05.59	Jim Harvey USA 01 2:07.21	Dariusz Wolny POL 00 2:10.75	Tom Raudy USA 99 2:16.97	Jorge Uriela MEX 01 2:24.32	John Calvert USA 00 2:27.19	Jack Kelso CAN 99 2:35.04	Roberto Alberche ESP 96 2:49.10	Graham Johnston USA 01 2:57.78	Auto Da Rosa USA 97 3:10.06	Walter Pfeiffer GER 02 3:35.06	Walter Pfeiffer GER 02 4:21.19				
400 metres	John Kappeler USA 95 4:26.79	Rogue Santos USA 99 4:26.74	Jerome Frientos USA 00 4:34.06	Dariusz Wolny POL 00 4:37.02	Tom Raudy USA 99 4:57.34	Drury Galapher USA 99 5:28.51	Drury Galapher USA 99 5:39.12	Drury Galapher USA 99 5:49.00	Karl Hauer GER 01 6:26.42	Karl Hauer GER 01 6:52.62	Ray Tait USA 99 7:37.58	Walter Pfeiffer GER 02 8:15.87	Walter Pfeiffer GER 02 9:31.75				

FINA Masters World Records - Dated 1st May 2002
LONG COURSE RELAYS

	100-119 years	120-159 years	160-199 years	200-239 years	240-279 years	280-319 years	320-359 years	360-399 years
Women's Freestyle 4 x 50 Metres	HOLMES USA 88 1:53.20	LONE STAR USA 87 1:53.05	GEORGIA MASTERS USA 00 1:56.93	TAMALPAIS USA 01 2:06.52	DC MASTERS USA 98 2:18.70	NEW ENGLAND USA 96 2:38.52	OAHKIOICHO JPN 01 3:42.32	
Mary Holmes Beth Mauer Susan Halfacre Tish Bucher	Monica Burk L. Morrison-Casey Brigitte Heuer Jacki Hirsty	Penny Noyes Beth Gardner Francine Williamson Laureen Welting	Susan Roy-Jones Nancy Ridout Shirley Cazalet Laura Val	Barbara Frid Joann Leilich Barbara Zaremski Jayne Bruner	Clara Walker Petey Smith Billie Burill Diane Reed	Katsue Ebato Yoshiko Watanabe Hideko Mori Machiko Itai		
Women's Medley 4 x 50 Metres	HOLMES USA 88 2:06.67	GOLD COAST USA 98 2:04.19	SAN DIEGO USA 99 2:12.15	SAN DIEGO USA 98 2:23.07	NEUKOELIN GER 01 2:35.17	SOLK HELLAS SWE 01 3:14.60	OAHU CLUB JPN 02 4:14.44	
Beth Mauer Tish Bucher Deb Walker Mary Holmes	Mary Gardner Susie Geyer Tracie Moll Jamie Herrington	Caroline Krattli K. Pipes-Nielsen Barbara Dunbar Beth Knight	Betsy Jordan Caroline Krattli Barbara Dunbar Jackie Marr	Elenore Otto Monika Senetleben Brigitte Merten Marga Schulze	Kerstin Gjøres Britt Grilli B. Hjalmarsson Marianne Grane	Yoshiko Watanabe Sumiko Yanagisawa Akiko Onohara Hideko Mori		
Men's Freestyle 4 x 50 Metres	JYVASKYLAN FIN 96 1:35.39	KALER LAHTI FIN 01 1:36.34	HOLMES USA 90 1:39.27	OLYMPIC CLUB USA 97 1:45.19	GOLD COAST USA 01 1:52.76	SUNWAY YOKO JPN 02 2:08.47	JUEI CLUB JPN 00 2:29.41	
Janne Virtanen Jaane Virtanen Ari Jaakkola Tommy Rundgren	Janne Virtanen Teppo Paajanen Petteri Lehinen Tommy Rundgren	James Lilley C. Miltenberger Richard Abrahams Timothy Garton	Steve Clark Tim Birnie Robert Strand James Elder	Jerry Greenberg Alan Raperton Cav Cavanaugh George Schmidt	Tetsuo Nakamaru Minoru Nagashima T. Watanabe Takahiko Noma	Isamu Tamura Keijiro Nakamura Setsuo Fukuhara Kisaburo Wada		
Men's Medley 4 x 50 Metres	SSG81ERLANG GER 00 1:49.25	KALER LAHTI FIN 01 1:48.66	MONT. ANCIENT MAR USA 00 1:50.59	OLYMPIC CLUB USA 94 1:58.50	OREGON USA 01 2:06.28	NO CAROLINA MAS USA 00 2:31.54	SUNWAY YOKO JPN 01 2:58.56	
Rafael Jakubietz C-D Soella Michael Jakubietz Holger Schmidt	Janne Virtanen Petteri Lininen Teppo Paajanen Tommy Rundgren	Clay Britt Wally Dicks John Feinstein Michael Fell	Tim Birnie Richard Bassi Robert Strand James Elder	Robert Smith Allen Stark Bert Petersen David Radcliff	John Murphy John Kortherer Clarke Mitchell Dick Webber	Takahiko Noma Y. Miyamoto Minoru Nagashima Shogoro Azuma		
Mixed Freestyle 4 x 50 Metres	MICHIGAN USA 96 1:44.84	GOLD COAST USA 98 1:42.65	ROCKY MOUNTAIN USA 98 1:45.83	GOLD COAST USA 01 1:52.40	SOLK HELLAS SWE 02 2:04.84	SAN DIEGO USA 00 2:21.18	SOLK HELLAS SWE 02 3:01.16	
Dyne Burrill Susie Devlin Todd Mercer Michael Green	Todd Pace Tracie Moll Jamie Herrington Kurt Wienants	Kathy Garnier Laureen Welting Richard Abrahams James Lilley	Cav Cavanaugh Debra Riker Jerry Greenberg Tracie Moll	Eric Forslund Harriet Bure Margit Ohisson Peter Bergengren	Donald Baker Jeanne Little Betsy Jordan Jim Eubank	Nils Ferm Barbro Thornelof Bjorn Wennberg Kerstin Gjøres		
Mixed Medley 4 x 50 Metres	TEAM DASH JPN 01 1:55.05	TEAM DASH JPN 02 1:55.97	MONT. ANCIENT MAR USA 00 2:00.37	TAMALPAIS USA 98 2:08.56	SOLK HELLAS SWE 02 2:20.28	SUNWAY YOKO JPN 02 2:44.18	SUNWAY YOKO JPN 02 3:24.04	
Kentaro Nakamura Takashi Hirakawa Yayo Sakamoto Yukiko Ozawa	Hiroshi Nishimura Hideaki Togo Yayo Sakamoto Chihiro Sugimoto	Clay Britt Wally Dicks Andrea Block Judy Lim-Sharpe	Richard Burns Kenneth Frost Laura Val Nancy Ridout	Margit Ohisson Eric Forslund Harriet Bure Peter Bergengren	Shoko Yonezawa Tetsuo Nakamaru Minoru Nagashima Masae Kurata	Shogoro Azuma Masae Kurata Y. Miyamoto Yoko Sugiama		

FINA Masters World Records – Dated 1st May 2002
SHORT COURSE RELAYS

	100-119 years	120-159 years	160-199 years	200-239 years	240-279 years	280-319 years	320-359 years	360-399 years
Women's Freestyle 4 x 50 Metres	MICHIGAN USA 96 1:45.93	ACADEMIA BRA 01 1:51.95	SAN DIEGO USA 98 1:54.94	SAN DIEGO USA 99 2:08.11	DC MASTERS USA 00 2:19.96	SOLK-HELLAS SWE 01 2:42.44	OAHU CLUB JPN 02 3:54.92	
Dyne Burrell Mary Muelting Susie Devlin Sheila Taormina	Aroma Martorell Lucia Santos Celina Endo Renata Leao	Beth Knight Caroline Krattli Barbara Dunbar Karilyn Pipes-Nielsen	K Pipes-Nielsen Jackie Marr Jeanne Little Marilyn Fink	Barbara Frid Jayne Bruner Beth Schreiner Joann Leilich	B. Hjalmarsson Marianne Grane Kerstin Gjøres Britt Grilli	Akiko Onohara Sumiko Yanagisawa Yoshiko Watanabe Hideko Mori		
Women's Medley 4 x 50 Metres	SPENCER GBR 97 2:04.54	SPENCER GBR 98 2:04.49	SAN DIEGO USA 98 2:08.46	SAN DIEGO USA 99 2:22.41	ST MASTERS KANSAI JPN 00 2:37.58	SOLK-HELLAS SWE 01 3:09.93	OAHU CLUB JPN 02 4:13.72	
Helen Jameson Susan Hill Sibhan Hartley Helen Day	Helen Jameson Siobhan Hartley Nicola Sommers Susan Hill	Caroline Krattli Barbara Dunbar Karilyn Pipes-Nielsen Beth Knight	Betsy Jordan Caroline Krattli Barbara Dunbar Jackie Marr	Hisako Ishida Yoshiko Osaki Kazuko Kajiwara Fusako Hirooka	Kerstin Gjøres Britt Grilli B. Hjalmarsson Marianne Grane	Yoshiko Waatanabe Sumiko Yanagisawa Akiko Onohara Hideko Mori		
Men's Freestyle 4 x 50 Metres	HELSINGOR DEN 00 1:34.28	MONT ANCIENT MAR USA 00 1:35.65	COLONIALS USA 96 1:40.74	GOLD USA 00 1:46.62	SAN DIEGO USA 00 1:54.47	TEAM TEXAS USA 01 2:04.66	JUEI CLUB JPN 01 2:28.61	
Darryl Cronje Christian Nielsen Jeppie B Nielsen Martin Weber	Michal Fell Jeffrey Roddin Wally Dicks Timothy Boyd	Charles Norelli Michael Stenker Thomas Meade Gregory Oxley	Roger Hawkins George Schmidt John Spire Cav Cavanaugh	Mike Freshley Bill Earley Steve Moseley Michael Atem	Graham Johnston Frank Campbell Eugene Ferguson Bob Baile	Katsuzo Shirayama Isamu Tamura Setsuo Fukuhara Keijiro Nakamura		
Men's Medley 4 x 50 Metres	HELSINGOR DEN 00 1:43.12	BAYLOR LONE STAR USA 94 1:45.01	MINNESOTA USA 98 1:52.42	GOLD COAST USA 00 1:57.07	GOLD COAST USA 01 2:09.05	N CAROLINA USA 99 2:28.34	SUNWAY YOKO JPN 01 2:58.70	
Jeppe B Nielsen Martin Weber Christian Nielsen Darryl Cronje	Jay Yarid Bobby Patten Greg Rhodenbaugh Mook Rhodenbaugh	Scott Tripps J. Kochendorfer Ray Ellis Nate Leigh	John Spire George Schmidt Joel Burns Cav Cavanaugh	Alan Rapperport George Schmidt Joel Burns Cav Cavanaugh	John Murphy George Schmidt Joel Burns Cav Cavanaugh	Takahiko Noma Y. Miyamoto Minoru Naashima Shogoro Azuma		
Mixed Freestyle 4 x 50 Metres	EL SEGUNDO USA 97 1:41.82	METR USA 01 1:42.59	SAN DIEGO USA 96 1:47.38	SAN DIEGO USA 99 1:54.31	SAN DIEGO USA 01 2:06.03	SUNWAY YOKO JPN 02 2:19.81	RIO MASTERS BRA 00 3:02.94	
Bert Bergen Diane Graner Gallas Marcel Rinzler Heidi Hannenian	Marc Grabisch Janet Harris M. Dueckhammer Michael Boosin	Beth Knight K. Pipes-Nielsen Larry Cartwright Lee Mench	Mike Freshley Barbara Dunbar Beth Knight Michael Ahern	Jeanne Little Jackie Marr Bill Earley Michael Ahern	Minoru Nagashima T. Watanabe Masae Kurata Shoko Yonezawa	Gastao Figueiredo Maria Lenk Iracema Silveira Zaven Boghossian		
Mixed Medley 4 x 50 Metres	TEAM DASH JPN 01 1:52.78	TEAM DASH JPN 01 1:54.13	SAN DIEGO USA 99 1:59.93	ILLINOIS USA 99 2:08.93	KANSAI JPN 00 2:17.68	SUNWAY YOKO JPN 02 2:42.12	SUNWAY YOKO JPN 02 3:29.19	
Kentaro Nakamura Takashi Hirakawa Yayo Sakamoto Yukiko Ozawa	Kentaro Nakamura Takashi Hirakawa Chihiro Sugimoto Yukiko Ozawa	K. Pipes-Nielsen Caroline Krattli Chris Dixon Joseph Kernal	J Nathan Leech Peter Andersen C. Stonesifer Cynthia Jones	Yoshiko Osaki Yoshihiko Osaki Chitoshi Konishi Fusako Hirooka	Shoko Yonezawa Tetsuo Nakamaru Minoru Nagashima Masae Kurata	Shogoro Azuma Masae Kurata Y. Miyamoto Yoko Sugiama		

SWIMMING CALENDAR

2002

AUG 02-04	SPANISH SUMMER OPEN MASTERS CHAMPIONSHIPS – ESP Fed. Espanola de Natation, Juan Esplandiu 1, E-28007 Madrid, Spain Tel. 34 91 557 2009 Fax: 34 91 409 7062 Email: rfen@rfen.es	
AUG 15-18	USMS LONG COURSE NATIONALS – Cleveland, Ohio USA Cleveland State University, Contact www.usms.org	50m-Indoor-9 Lanes
AUG 16-18	VAESTERS MASTERS GAMES – Vaesteras, SWE Vaesteras SS, c/o Lars Ekholm, Logarangsbadet, S-72132 Vaesteras, SWE Tel. 46 21 186236 Fax: 46 21 183645 Email: info@vasterassim.nu	
AUG 22-25	CHAMPIONNATS DE FRANCE OPEN – Metz, France Fed. Francaise de Natation, 148 Avenue Gambetta, F 75020 Paris, France Tel. 33 1 4031 1770 Fax: 33 1 4031 1990 Email: ffnatation@org	50m-Indoor
AUG 25-31	LATYCAR AMISTAD CUBA 2002 – La Habana and Varadero, CUB Masters International Open Water Polo, Open Water, Diving and Postal Events http://www.latycar.org/LatyCar02/english/2002.htm E-mail: amistad2002@latycar.org	
SEP 20-21	INT. MASTERS MEET "HILDESHEIMER ROSE" – Hildesheim, GER Dieter Engelke, In der Schratwanne 22, D-31141 Hildesheim, Germany Tel. 49 5121 877 070 Fax: 49 5121 691 674 Email: D-Engelke@t-online.de	25m-Indoor-8 Lanes
OCT 12-13	14. AUSTRIAN OPEN MASTERS – Neusiedl, AUT Austrian Swimming Fed., Braunhuberg. 21/G6/2, A-1110 Vienna, AUT Tel. 43 1 749 8194 Fax: 43 1 749 8195 Email: voes@chello.at	25m-6 Lanes
OCT 19-20	LUXEMBOURG MASTERS OPEN – LUX Swimming Luxembourg, Olaf Chalmer, 13, rue R. Poincare, L-2342 Luxembourg Tel. (352) 26 44 1906 Fax: (352) 22 8527 E-mail: chalmero@pt.lu	50m-Indoor-10 Lanes
OCT 19-20	INTERNATIONAL MASTERS MEETING – Pardubice, CZE Jiri Kalous, L.Matury 815, CZE-53012 Pardubice Tel. 420 40 6262130	50m-Indoor-8 Lanes
OCT 26-27	FINNISH MASTERS CHAMPIONSHIPS – Turku, FIN Finnish Swimming Fed., Josafatinkatu 2, FIN-00510 Helsinki, Finland Tel. 538 9 54903466 Fax: 538 9 8703251 E-mail: finnish.swimming@suil.slu.fi	50m-Indoor-8 Lanes
OCT 26-NOV 3	ASIA PACIFIC MASTERS GAMES – Gold Coast, Qld. Australia, AUS	
NOV 01-03	ASA NATIONAL MASTERS CHAMPIONSHIPS – Sheffield, GBR National Events Office, ASA of Great Britain, Harold Fern House, Derby Square, Loughborough Tel. 44 1509 618 700 Fax: 44 1509 618 701 Email: judy.mott@swimming.org	50m-Indoor-8 Lanes

NOV 02-09 WORLD GAY GAMES – Sydney, AUS

Web Site: www.gaygamesvi.org.au e-mail: sport@gaygamesvi.org.au

NOV 16-17 15. INTERNATIONAL MASTERS MEETING – Usti n. L., CZE

Milan Hlava, Vojnovicova 22, C400 01 USTI N.L. Tel/Fax: 420 47 56 04 068

Email: prochst@spolchemie.cz

50m-Indoor-8 Lanes

DEC 07 14. MASTERS MEETING "TEAM CUP" – Gudensberg, GER

Gudensberger SG, Stefan Sonnerschein, PO Box 1231, D-34279 Gudensberg, GER

Tel./Fax: 49 05603 6324 Email: Stefan.Sonnerschein@t-online.de

50m-Indoor-5 Lanes

MASTERS WATER POLO

2002

AUG 16-18 VAESTERS MASTERS GAMES – Vaesteras, SWE – Men

Vaesteras SS, c/o Lars Ekholm, Logarangsbadet, S-72132 Vaesteras

Tel. 46 21 186236 Fax: 46 21 183645 E-mail: info@vasterassim.nu

MASTERS OPEN WATER SWIMMING

2002

AUG 16-18 VAESTERS MASTERS GAMES – Vaesteras, SWE

Information above

OCT 24-27 ST CROIX CORAL REEF SWIMS – USA Virgin Islands, USA

Randy Nutt at info@randynutt.com or Aqua Moon Adventures, PO Box 9448, Coral Springs Florida 33075 USA – Info & Entries posted on www.randynutt.com under events

DEC 07 BONAIRE ECO SWIM – Netherlands, Antilles (Dutch Caribbean)

Information above

MASTERS DIVING

2002

AUG 16-18 VAESTERS MASTERS GAMES – Vaesteras, SWE

Information above

AUG 30-01 SEP INTERNATIONAL MASTERS CHAMPIONSHIPS – Berlin, GER

Deutscher Schwimm-Verban, PO Box 42 01 40, D-34070 Kassel

Tel. 49 561 940830 Fax: 49 561 9408315

MASTERS SYNCHRONISED SWIMMING

2002

AUG 30-01 SEP INTERNATIONAL MASTERS CHAMPIONSHIPS – Berlin, GER

Information above

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