

July 1999

Official Newsletter of the FINA Masters Swimming Committee № 15

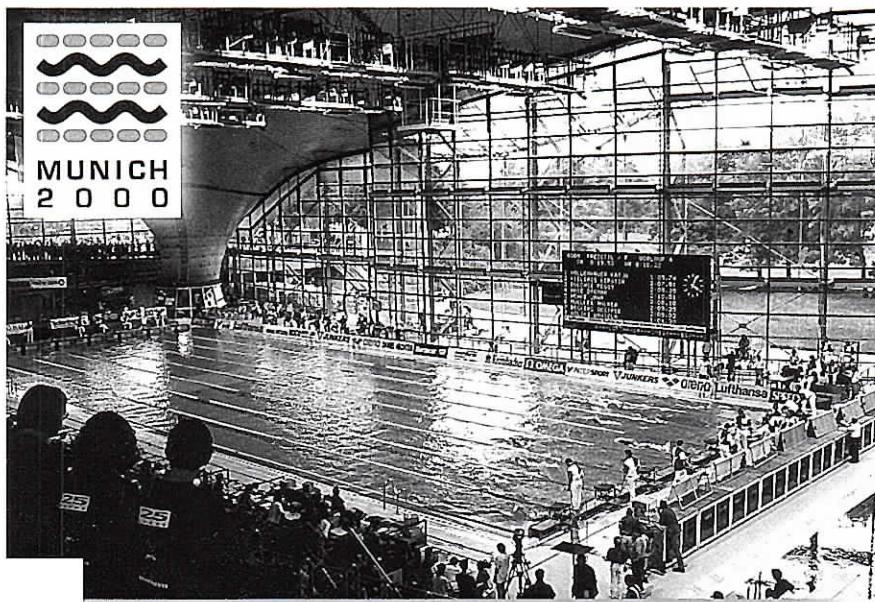
MUNICH 2000

8th FINA WORLD MASTERS CHAMPIONSHIPS 28th July – 7th August 2000

In June 1999, the FINA Masters Committee met in Munich with the organisers of the next FINA Masters World Championships, Marion Hillenbrand and Klaus Huber, the chairwoman and the chairman of the Committee. All of the preparations for the event appear to be running smoothly. The 1972 historical Olympic swimming pool will be used for the event.

At the end of June 1999, the Official Entry Book of Masters FINA Munich 2000 will be published in which one can find all the necessary information regarding participation.

The 2nd FINA Masters Forum for the delegates from the FINA Member Federations will take place on July 28th 2000, from 1 p.m. to 4 p.m. prior to the Championships.



FINA BUREAU DECISIONS

Bureau Liaison Nory Kruchten presented the recommendations from the Masters Committee to the FINA Bureau during its meeting held in Hong Kong, China (HKG) on March 28- April 3, 1999.

1. The recommendation to raise the age limit of FINA Masters Officials to the age of 70 from the currently certified age of 60 was approved.
2. The recommendation to extend the Qualifying Standards for the current approved of events over 200m to include all events was approved. Those swimmers who exceed the Qualifying Standard time will be sanctioned by not having their time included in the official result list.
3. The Bureau approved the FINA Masters Committee recommendation to hold the 2nd FINA Masters Forum in Munich (GER),

prior to the 8th FINA World Masters Championships.

LIST OF OFFICIALS

Following the FINA Bureau's decision to increase the age limit of FINA Masters Officials from 60 to 70 years the following names should be added on the FINA Masters Officials list No 3:

CZE	STOCHL Frantisek	S & OWS
IND	BHASKAR Nagarkatti	WP
NED	RADEMAKER Herman H.	S
NED	GEURTS Charlotte	SS
NOR	NESTAAS Paul	S & OWS
NOR	EKNES Nils	S
NOR	ABRAHAMSEN Roar	D
RSA	FYFE Ron	D
SUI	HAEBERLI Marlis	SS

S : Swimming; OWS : Open Water Swimming;
SS : Synchronised Swimming D : Diving; WP : Water Polo

Masters Swimming in New Zealand

A short history and description of what has been and where we are
by Lyall Mortimer, Member of the FINA Masters Committee

In the beginning

New Zealand Masters Swimming (NZMS) started developing in earnest in the early 1970's when a number of former competitive swimmers heard about this new form of adult recreation becoming very popular in the U.S.A. As a result of this activity various enthusiastic members, with the right contacts, seized the opportunity and organised an international swim meet in Matamata, a small country town in the North Island, in April of 1974. It is possible that this event could be considered the first organised international Masters Swimming meet in the world. Because of the contacts a prominent NZ coach made while visiting the U.S.A., a team of 25 American and Canadian Masters Swimmers competed side by side with approximately 42 New Zealand swimmers. The experience and enthusiasm of the visiting swimmers convinced many New Zealand swimmers at the meet that this pursuit could be fun and health giving at any age. A general meeting was held to discuss future activities and this eventually led to the official formation of New Zealand Masters Swimming. Various Masters Swimming groups formed over the following years in pools around NZ and many former champions and non-competitive swimmers learned to enjoy this healthy and fun activity.

Constitution

Eventually an official constitution for NZMS was registered in May 1981. This set out the objectives, membership requirements (25 years or older), meeting requirements, and the administrative details of the organisation. It required

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one group of members to be nominated to hold the Masters Nationals each year that has led to 25 years of long course championships. Any member had the right to attend the annual meeting with full speaking and voting rights and the constitution also allowed voting by proxy. By 1986 the organisation, which had grown remarkably, had to face minor dissent from some decisions that were made during the annual meetings. The proxy voting system had been used by a number of clubs to push through their views. This type of behaviour was deemed unconstitutional and not in the best interests of all Masters. As a result, the rules for NZ Masters were reviewed in 1988, establishing a new regional structure through which all Masters could contribute their input through their clubs and regional committees. Gradually a full range of open water events, long and short course national championships, fun swim meets, and postal events were organised by clubs. These types of events are run each year.

Structure

The current rules were amended and registered in 1988 and provided for a small executive to carry out the day to day activities of the organisation. A Secretary/Treasurer, who works close to full time, runs the day to day administration with assistance and guidance of the President and Vice-President. In addition, there are three Standing Committees for Open Water Swimming, competition, and editorial services who provide guidance to the organisation. A national editor prepares and publishes a quarterly magazine that is sent to all members and the national recorder maintains the national records and prepares the top 10 list. A national council meets once a year and sets policy for the executive. The country is divided into 5 geographical regions and the clubs in each region form regional committees. These committees nominate two delegates for the council. Any member is allowed to attend the council meeting but voting is limited to councillors. Elections for the offices of President and Vice-President

are held biannually with the Secretary/ Treasurer being an appointed position. This system has worked very well and the administration of NZMS is well controlled and seems to allow for about the right amount of input from all of its members. Members pay a membership fee of \$25 per year to the national organisation of NZ Masters Swimming (Inc) for which they receive a quarterly magazine containing details of swim meets, records, contacts, reports from within NZ and overseas, and interesting information about Masters Swimming. The "Masterscrawl" as it is known, is seen as a vital link to all members. Many of the clubs do not have a formal structure and the magazine keeps everyone informed of activities and contains entry forms for all major events.

Relationship to the National Swimming Organisation

NZ Masters Swimming (NZMS) is an autonomous Masters Swimming organisation within the New Zealand Swimming Federation (NZSF) which is the recognised national organisation for FINA and national funding bodies. The president of NZMS is a member of the NZSF Board and takes full part in the decisions of that Board. NZMS is an affiliated association for this purpose for which they pay an annual affiliation fee of \$500. NZ Water Polo is also an affiliated association and has a seat on the Board. All activities and contact with FINA with respect to Masters Swimming is carried out by the office of the Federation and a small amount of government funding is negotiated for on Masters behalf. To formalise the relationship a Memorandum of Understanding has been signed and this clearly sets out the duties and responsibilities of each organisation. To date this has worked very well and to reinforce the success of this relationship, at the 1998 annual meeting of the Federation, the NZSF saw fit to grant a service award to long time Masters Swimmer Tom Logan, for his services to Masters Swimming.

Significant Milestones

After the formalization of the NZ organisation in 1981 the membership grew at a great rate and by 1983 about 700 members had joined. When it was confirmed that NZ was to host the first international Masters Swimming meet in 1984 interest was even greater. This meet, held in Christchurch, was attended by 1100 swimmers from 19 countries and was a significant sporting event both nationally and internationally at that time. It was considered a great success and the worthy for-runner for the subsequent World Masters Swimming Championships. Membership in NZMS grew over the years to an all time high of about 2000 in the early 90's. This may not seem a lot by world standards, but when compared with the national population of 3.6 million, it is significant. This represented by far the highest number of Masters per head of population than any other country. Membership has dropped slightly over recent years, to about 1600, due to competition from rival fitness and leisure activities. As is normal for many countries only about 20% of the membership regularly compete in competition with the rest preferring to swim for fun and fitness. NZMS has taken an active role in the international scene and has participated on committees and discussions on Masters Swimming activities up to the present. In 1993, a successful 5th Pan Pacific Masters Championships was held in Hamilton with 721 swimmers attending from 14 countries. The 1998 NZMS Long Course Championships held in Wellington recognised the 25th anniversary of the event, which represents a quarter of a century of fun, fitness, and friendship to a large number of adult swimmers. The health and social benefits gained by this large number of swimmers participating over this period is not measurable. NZMS is proud to have been involved in such a significant achievement.

MASTERS SWIMMING IN SOUTH AMERICA

By Marlene Pinto Mendes

In South America we have an institution called Consanat (South American Swimming Confederation) and there is a Masters Committee attached to it; the President of this Masters Committee is a Brazilian who is in charge of selecting the host countries for the South American Championships.

Brazilian Masters Swimming Association (ABMN) is the backbone of Masters Swimming in South America and has always played a very important role in everything related to Masters Swimming.

ABMN organised the 1st South American Masters Championships in October 1993 with 1,100 swimmers from Brazil, Argentina, Venezuela, Ecuador and Peru. It was a huge success and many South American records were broken.

The 2nd South American Masters Swimming Championships were held in Mar del Plata, Argentina in November 1995 with approximately 900 swimmers.

The 3rd South American Masters Swimming Championships were held in Barquisimeto, Lara State, Venezuela, in November 1997 with only 400 swimmers. 300 swimmers came from Brazil with the others from Argentina, Venezuela, Peru, Ecuador and one from Chile.

In September 1998 we, Brazilians, hosted the 1st South American Masters Swimming Championships Short Course held in Vitoria, Espirito Santo State with 1200 swimmers. Two courses were used and lots of South American records were broken. It was rewarding to see so many people talking and making friends.

As of February 1999 nothing has been decided about the 4th Championships. Although Consanat had selected Punta del Este (Uruguay) to host the meet, they declined the choice. ABBN is willing to host it, but it will have to be decided at the next Consanat meeting. Our

Association has now nearly 5000 members and has been growing steadily. We have recently bought our premises and our new address is: Av. 13 de Maio, 23 - Grupo 740- Centro - Rio de Janeiro - RJ CEP: 20031-000 BRAZIL - Tel & Fax: (55-21) 532-5948

CORRECTIONS TO "HISTORY OF FINA MASTERS"

Two incorrect dates relating to this article appeared in the December 1998 FINA Masters News.

1. Masters Swimming International (MSI) held its first formal meeting in April 1983 in Sydney, Australia. The 1984 New Zealand meeting was the second.
2. The FINA Masters Committee of six MSI nominations and six FINA appointments had its first meeting at Stanford, California, USA in May 1987. This meet-

ing adopted rules for Swimming, Long Distance Swimming and Diving. The second meeting was in Guam in April 1988 and adopted rules for Water Polo and Synchronized Swimming.

Please correct your December article. If you wish a copy of the whole corrected article, please advise.

News Items and Features

■ 7TH Pan Pacs - The 7th Pan Pacific Masters Swimming Championships is shaping up to be a top class international event, with expressions of interest received from around the globe. The biggest response has been from Japan, followed by New Zealand. We have Alaskan swimmers hankering after open water swimming in a warm ocean. We have also had interest from across North and South America, Central America, throughout Europe and the United Kingdom, and from South Africa. So if it is international competition you are after, be at Challenge Stadium, Perth, from October 15-23, 1999. Challenge Stadium is a world class venue, having played host to two FINA World Swimming Championships in the 1990s. Something no other city of venue can boast. Visit the Pan Pacs web site at:

www.stmarys.wa.edu.au/panpacs/index.html

■ Latycar 1999 - The 5th Latin American & Caribbean Masters Swimming Championships will take place in Ft. Lauderdale, Florida USA at the International Swimming Hall of Fame Pool on September 6-11, 1999. Information and entry blank is available on the Internet at: www.latycar.org

■ European Masters Records - 136 European Short Course Records set in 1998 - In 1998 the European Masters set once again 136 European Masters Records for short course. 65 for women, 63 for men and eight in relays, Frank

Stochl (Pilzen/Czech Republic) as the LEN short course recorder reported. The number of European Masters Records for short course increased since their first compilation in 1992 up to the total number of 1148 records. Note: An updated European Masters short course record list will be distributed in July 1999 after finishing the short course season in Europe.

■ In Germany - More Independence - by Christa Reinhart - The German Swimming Federation DSV has granted much more independence to Masters Swimming in the country. In 1998, a Masters Committee was established that consists of Masters working for Masters. It combines representatives from Swimming, Diving, Water Polo and synchronized swimming as well as experts on financial matters, public relations, foreign contacts and rules and regulations. Regional representatives complete the committee. DSV-President Ruediger Tretow himself acts as Bureau Liaison. After about one year of work, Marianne Papendieck, President of the DSV Masters Committee comments: " A lot of work was achieved in these past months that would have taken years in the old system. " A huge step forward to more independence and efficiency in organisation of Masters Swimming in Germany was taken.

■ South African Masters Swimming (SAMS) - For the next two years the South Africa Masters Swimming (SAMS) will be presided by Anne Jones, a 53-year old Johannesburg resident - born and bred. It is her responsibility to ensure that SAMS is run as a professional body, that Nationals are properly organised, that development is carried out, that there is a growth in members as well as member retention. The buck stops on her desk. Terry Downes will be Vice-President. Besides being a world class swimmer, he has for many years worked behind the scene for SAMS. He collates the records and is responsible for communication with FINA with

regard to ratifying world records.

Cape Town 2000 - South African Masters Swimming Championships - The Mother City looks forward to welcoming you to the Fairest Cape in March 2000. You will enjoy the Cape's hospitality, scenic beauty and perhaps use Cape Town as your base to explore the rest of Africa. The event will take place over 3 days in an outdoor 50 m pool with electronic timing. It will include diving and a sea swim at one of our beautiful beaches that will take place at the end of the championships. Use these Champs as part of your build-up for Munich 2000! Inquiries:

brusser@iafrica.com or Fax: *27 21 762 9705.

■ USMS Short Course Championships - The 1999 Short Course Championships were held on May 13-16 at the Santa Clara International Swim Center in California. There were 190 clubs entered with 857 women and 1202 men for a total of 2059 swimmers. These swimmers competed in 9131 events.

■ Masters Swimming in Marrakech - The Royal Moroccan Swimming Federation has decided to hold the first Masters Swimming Championships in Marrakech from July 2nd to the 11th, 1999. Marrakech is the capital of the south and one of the imperial cities. It's hard to describe in one line the many charming sites of Marrakech. Its climate and atmosphere are hard to describe. It's a dazzling intellectual and spiritual center as it has been the setting of various international meetings for many years. The Federation has chosen Marrakech for many reasons. Among those are that the tariffs are reduced, the hotels are known for their high standard of service, and they are equipped with swimming pools especially conceived for training. Flights are more accessible. The President of the Federation, Farid El Allam cordially invites all Masters Swimmers!

MARK TAYLOR'S REQUEST

Mark Taylor swims for the Spencer Swim Team in England. Due to multiple sclerosis, Mark now relies on a wheelchair to get around. In 1997 he became the first person with MS to successfully swim the English Channel in a relay, and since has gone on to swim Loch Lomond and last year swam from Mallorca to Menorca raising both a considerable amount of money and awareness for MS.

Mark writes: "This September we are organising a huge fundraising event in Los Angeles, a 30 mile race to erase MS. The aim is to make the event as international as possible and we are now looking for teams. If you want to know more about the swim, check out our web site: www.msswim.co.uk

The swim will be on September 11th 1999 from

the island of Catalina to Santa Monica Beach, LA, approximately 30 miles. Huge media coverage is expected. We are looking for teams of six swimmers for this relay race and we will be following the Channel swimming rules. We have teams from England, Denmark, Germany and America, and what we want are teams from other countries to make this a truly international event." Mark's e-mail: mike@spirit-design.bdx.co.uk

MAJORCA MASTERS MEET

The Madrid organisers lost Richard Harding's entry but he was able to rectify the situation on his arrival from England, even though he had to pay again.

It was quite a modern 50 m. pool, of which

only one end was used for the competition. Even though they didn't actually see the cards until they got to the start, the whipping was quite efficient and all competitors made it to the blocks without a hitch - until the Omega timing (single line display with scrolling places) went down for a short while. Results were posted up promptly and the medals bore details of the meet. About 425 swimmers took part, mostly Spaniards of course, but there were plenty of Germans, some Italians, and the odd expat Brit and Richard. Swimmers were only allowed to swim in four events.

There were plenty of "freebies" including a lunch pack voucher, an A4 size canvas brief(s) bag and, among other odds and ends, two toilet rolls!

FOVEAUX STRAIT CONQUERORS

The Foveaux Strait is the seaway, 16 miles wide, separating the Stewart Island from the South Island of New Zealand. The first successful attempt to swim the strait was made by 28 year old John van Leeuwen on 7th February, 1963. He actually covered some 25 miles with the tidal rips and it took 13 hours and 36 minutes.

Since the epic swim of John van Leeuwen in 1963, only three other swimmers have succeeded in crossing the Foveaux Strait:

- Belinda Donaldson (Maiden name: Shields) - 1984. Came down from Auckland but now lives in Invercargill.
- Michael Quinlivan - 1985. A solicitor from Christchurch who lived in Invercargill for two years.
- Todd Utteridge - 1989. A "local boy",

still a leading competitor in open water and pool swimming events.

The masters connection - Three of this elite group of swimmers, John van Leeuwen, Belinda Donaldson and Todd Utteridge are members of the Foveaux Masters Swimming Club in Invercargill and along with John Fogarty are now leading a resurgence of interest in Open Water Swimming in the South Island.

NOTICES

OTHERS MASTERS PUBLICATIONS

- GUIDE FOR THE CONDUCT OF MASTERS SWIMMING EVENTS (Nextm edition being prepared) US Dollars 7.-
- MASTERS SWIMMING WORLD TOP TEN TABULATION 1998 - 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 1998-2000 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. A date patch (1998) for use in conjunction with the Top Ten is also available at \$3.00 (US).

NEXT FINA MASTERS NEWS

Number 16 will be published in December 1999



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
Avenue de Beaumont 9
1012 Lausanne - Switzerland
Tel : (41-21) 310 4710
Fax : (41-21) 312 6610

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:

June Krauser

FINA Masters News
2308 NE 19th Avenue,
Ft.Lauderdale,
Florida 33305, USA
Fax: (1-954) 564-8854
E.mail: Junekrauser@mindspring.com

Recognized World Records

A total of 211 performances have been approved as World Masters Records by the FINA Honorary Secretary in the six months period since the last Newsletter. FINA extends warmest congratulations to these swimmers.

Individuals are listed in order of age group and then alphabetically by name, in order of events and then the date.

Relay teams are in order of relay age group and then in order of relay event and then alphabetically.

LONG COURSE - WOMEN

Satoko Takeiji	JPN	55-59 yrs
50 m Backstroke	36.45	04 Oct 98
Yoshiko Osaki	JPN	60-64 yrs
200 m Individual Medley	3:05.96	04 Oct 98
400 m Individual Medley	6:50.29	08 Nov 98

LONG COURSE MEN

Abraham Solano	ECU	25-29 yrs
200 m Breaststroke	2:24.57	31 Oct 98
Dix Ozier	NZL	45-49 yrs
50 m Backstroke	30.24	27 Mar 99

		60-64 yrs
Barry Young	NZL	
100 m Backstroke	1:14.53	27 Mar 99
200 m Backstroke	2:42.56	27 Mar 99
200 m Individual Medley	2:43.81	27 Mar 99
Robert Pfersdorff	GER	75-79 yrs
50 m Breaststroke	41.78	13 Mar 99
100 m Breaststroke	1:35.99	14 Mar 99
Gus Langner	USA	95-99 yrs
50 m Freestyle	55.88	02 Aug 98
50 m Backstroke	1:56.25	02 Aug 98
50 m Breaststroke	1:42.58	02 Aug 98
100 m Breaststroke	3:38.45	02 Aug 98
200 m Breaststroke	7:37.17	02 Aug 98

LONG COURSE - RELAYS

TTEX	USA	1:58.76
Women 200 m Free	160-199 yrs	23 Aug 98
Sandy Neilson Bell	Judy Lambert	
Jann Girard	Sharon Wencel	

SHORT COURSE - WOMEN

		25-29 yrs
Helen Gorman	GBR	
200 m Breaststroke	2:37.35	23 Oct 98
Wenke Hansen	USA	25-29 yrs
100 m Breaststroke	1:13.30	13 Dec 98
200 m Breaststroke	2:39.62	13 Dec 98
100 m Individual Medley	1:05.67	13 Dec 98
200 m Individual Medley	2:21.79	13 Dec 98
400 m Individual Medley	5:02.54	13 Dec 98

		25-29 yrs
Manuela Naeckel	GER	
100 m Breaststroke	1:10.71	17 Oct 98
100 m Individual Medley	1:06.60	17 Oct 98
Gisele Caetano Pereira	BRA	25-29 yrs
50 m Backstroke	30.32	05 Sep 98
Barbara Gellrich	GER	35-39 yrs
50 m Butterfly	29.81	15 Aug 98
Helen Jameson	GBR	35-39 yrs
50 m Backstroke	31.03	24 Oct 98
Caroline Krattli	USA	35-39 yrs
50 m Breaststroke	34.59	13 Dec 98
200 m Breaststroke	2:43.61	13 Dec 98
Tracie Moll	USA	35-39 yrs
50 m Butterfly	29.29	11 Oct 98
Karlyn Pipes-Neisen	USA	35-39 yrs
800 m Freestyle	9:15.40	22 Nov 98
100 m Individual Medley	1:05.74	13 Dec 98
200 m Individual Medley	2:20.79	13 Dec 98
Amanda Heath	GBR	40-44 yrs
200 m Breaststroke	2:49.01	23 Oct 98
Suzanne Heim-Bowen	USA	40-44 yrs
200 m Freestyle	2:13.58	18 Oct 98
400 m Freestyle	4:34.83	18 Oct 98
800 m Freestyle	9:29.90	04 Oct 98
1500 m Freestyle	18:02.62	10 Oct 98
Jenny Whitley	AUS	40-44 yrs
50 m Breaststroke	36.13	07 Nov 98
200 m Breaststroke	2:53.68	18 Oct 98
Danielle Ogier	USA	45-49 yrs
400 m Individual Medley	5:43.24	13 Dec 98
Ulrike Urbanik	GER	45-49 yrs
200 m Breaststroke	2:57.49	17 Oct 98
Laura Val	USA	45-49 yrs
400 m Freestyle	4:49.52	18 Oct 98

800 m Freestyle	9:56.23	10 Oct 98
1500 m Freestyle	18:55.82	10 Oct 98
Carol Fellows	GBR	50-54 yrs
50 m Freestyle	30.29	25 Oct 98
Dianne Foster	CAN	50-54 yrs
200 m Freestyle	2:24.94	17 Jan 99
400 m Freestyle	5:02.82	21 Nov 98
800 m Freestyle	10:24.37	17 Jan 99
Christiane Heeren	GER	50-54 yrs
100 m Breaststroke	1:24.45	06 Feb 99
Judy Wilson	GBR	50-54 yrs
50 m Butterfly	33.09	24 Oct 98
Silvana Nabuco De Abreu	BRA	55-59 yrs
50 m Backstroke	35.82	05 Sep 98
Joann Leilich	USA	60-64 yrs
200 m Breaststroke	3:18.34	27 Mar 99
Yoshiko Osaki	JPN	60-64 yrs
100 m Individual Medley	1:25.24	25 Oct 98
400 m Individual Medley	6:28.22	31 Jan 99
Jane Asher	GBR	65-69 yrs
800 m Freestyle	12:28.75	23 Oct 98
Sylvia Neuhauser	AUT	70-74 yrs 200 m
Breaststroke	3:45.96	31 Jan 99
Lois Kivi Nochman	USA	70-74 yrs
50 m Butterfly	47.88	21 Feb 99
100 m Butterfly	1:56.42	21 Feb 99
200 m Butterfly	4:13.64	21 Feb 99
400 m Individual Medley	8:30.82	21 Feb 99
Agnes Plisson	FRA	75-79 yrs
100 m Breaststroke	1:58.76	31 Jan 99
200 m Breaststroke	4:20.48	05 Apr 99
100 m Individual Medley	1:51.58	03 Apr 99
200 m Individual Medley	4:09.47	30 Jan 99
Margery Meyer	USA	75-79 yrs
100 m Freestyle	1:33.87	18 Oct 98
400 m Freestyle	7:01.36	18 Oct 98
800 m Freestyle	14:55.50	10 Oct 98
1500 m Freestyle	14:46.26	18 Oct 98
Michiko Hamuro	JPN	80-84 yrs
50 m Breaststroke	1:03.00	31 Jan 99
100 m Breaststroke	1:00.96	14 Mar 99
100 m Breaststroke	2:17.25	31 Jan 99
200 m Breaststroke	2:16.49	14 Mar 99
200 m Breaststroke	4:53.38	14 Mar 99
Rita Simonton	USA	80-84 yrs
100 m Freestyle	1:42.38	13 Dec 98
200 m Freestyle	3:37.21	13 Dec 98
400 m Freestyle	7:33.69	13 Dec 98
800 m Freestyle	15:49.21	24 Oct 98
1500 m Freestyle	29:48.75	22 Nov 98
50 m Breaststroke	1:04.04	24 Oct 98
200 m Breaststroke	1:03.71	13 Dec 98
200 m Breaststroke	4:49.62	13 Dec 98
Maxine Merlin	USA	85-89 yrs
800 m Freestyle	19:41.58	13 Dec 98
1500 m Freestyle	37:28.53	22 Nov 98
50 m Backstroke	1:05.17	13 Dec 98
200 m Backstroke	5:13.33	22 Nov 98
100 m Individual Medley	2:27.70	22 Nov 98
Jewel Cooke	USA	90-94 yrs
50 m Backstroke	1:23.95	14 Feb 99
50 m Butterfly	1:51.12	14 Feb 99
100 m Butterfly	1:50.91	21 Feb 99
100 m Individual Medley	3:13.87	14 Feb 99
200 m Individual Medley	6:56.70	14 Feb 99
400 m Individual Medley	14:55.37	21 Feb 99
Margarete Gottschalk	GER	90-94 yrs
50 m Backstroke	1:18.60	27 Feb 99
50 m Breaststroke	1:30.58	27 Feb 99
Margery Anderson	CAN	95-99 yrs
50 m Freestyle	2:02.29	10 Oct 98
100 m Freestyle	4:35.98	10 Oct 98
50 m Backstroke	2:05.36	10 Oct 98

SHORT COURSE - MEN

Roberto Fiúza Neto	BRA	25-29 yrs
100 m Butterfly	55.85	05 Sep 98
Rogue Santos	USA	30-34 yrs
200 m Breaststroke	2:22.97	18 Oct 98
Bobby Patten	USA	35-39 yrs
800 m Freestyle	8:39.15	21 Nov 98
1500 m Freestyle	16:22.20	21 Nov 98
Edwin Van Norden	NED	35-39 yrs
200 m Backstroke	2:09.92	09 Jan 99
200 m Individual Medley	2:08.21	31 Jan 99
Ramon Volcan Gamboa	VEN	40-44 yrs
50 m Freestyle	24.36	04 Sep 98
50 m Butterfly	25.80	06 Sep 98
50 m Backstroke	28.58	05 Sep 98
Gary Quinn	USA	40-44 yrs
100 m Backstroke	1:02.31	13 Dec 98
200 m Backstroke	2:18.56	13 Dec 98
Jim Sorensen	USA	40-44 yrs
200 m Individual Medley	2:12.25	22 Nov 98

William Specht	USA	40-44 yrs
50 m Backstroke	27.84	11 Oct 98
100 m Backstroke	59.26	11 Oct 98
200 m Backstroke	2:09.61	11 Oct 98
50 m Butterfly	25.89	11 Oct 98
100 m Butterfly	56.18	11 Oct 98
200 m Butterfly	1:52.99	11 Oct 98
Peter O'Keeffe	USA	45-49 yrs
100 m Backstroke	1:04.72	13 Dec 98
Eddie Riach	GBR	45-49 yrs
100 m Backstroke	1:04.24	24 Oct 98
	1:04.14	07 Nov 98
200 m Individual Medley	2:22.11	06 Nov 98
Tim Birnie	USA	50-54 yrs
200 m Backstroke	2:23.80	13 Dec 98
Steve Borowski	USA	50-54 yrs
50 m Butterfly	27.55	22 Nov 98
Roger Hawkins	USA	50-54 yrs
50 m Freestyle	25.49	13 Dec 98
R Tod Spieker	USA	50-54 yrs
400 m Freestyle	4:30.80	13 Dec 98
	4:34.47	13 Dec 98
800 m Freestyle	9:28.18	04 Oct 98
	9:27.02	10 Oct 98
1500 m Freestyle	19:40.00	10 Oct 98
	18:14.61	13 Dec 98
200 m Backstroke	2:21.88	18 Oct 98
	2:23.68	13 Dec 98
400 m Individual Medley	5:16.86	18 Oct 98
Richard Burns	USA	55-59 yrs
50 m Backstroke	31.83	18 Oct 98
	31.74	13 Dec 98
100 m Backstroke	1:08.34	18 Oct 98
200 m Backstroke	2:32.73	18 Oct 98
Josep Claret	ESP	55-59 yrs
50 m Butterfly	28.92	20 Feb 99
Sandy Galletty	GBR	55-59 yrs
1500 m Freestyle	18:51.83	25 Oct 98
Tegze Haraszti	USA	55-59 yrs
200 m Breaststroke	2:49.21	13 Dec 98
Robert Poletman	USA	55-59 yrs
100 m Butterfly	1:06.29	15 Nov 98
200 m Butterfly	2:31.16	15 Nov 98
Robert Smith	USA	55-59 yrs
50 m Backstroke	31.33	15 Nov 98
	30.94	05 Dec 98
100 m Backstroke	1:10.47	05 Dec 98
100 m Individual Medley	1:09.43	15 Nov 98
Luis Ricardo Simi	BRA	60-64 yrs
100 m Butterfly	1:13.76	27 Nov 98
Ron Johnson	USA	65-69 yrs
50 m Freestyle	28.02	18 Oct 98
50 m Butterfly	31.65	18 Oct 98
100 m Butterfly	1:16.70	18 Oct 98
Yoshi Oyakawa	USA	65-69 yrs
50 m Backstroke	33.46	06 Dec 98
100 m Backstroke	1:14.66	06 Dec 98
Manuel Sanguly	USA	65-69 yrs
50 m Breaststroke	36.07	13 Dec 98
William Phillips	USA	70-74 yrs
200 m Freestyle	2:34.64	13 Dec 98
1500 m Freestyle	22:30.87	13 Dec 98
Keijiro Nakamura	JPN	75-79 yrs
50 m Freestyle	32.09	14 Mar 99
Robert Piersdorff	GER	75-79 yrs
50 m Breaststroke	40.22	06 Mar 99
100 m Breaststroke	1:28.61	30 Jan 99
Aldo da Rosa	USA	80-84 yrs
800 m Freestyle	14:09.37	10 Oct 98
1500 m Freestyle	26:41.69	10 Oct 98
100 m Backstroke	1:36.41	18 Oct 98
400 m Individual Medley	7:53.88	18 Oct 98
Shoichi Sakamoto	JPN	80-84 yrs
50 m Backstroke	42.16	10 Oct 98
Woodrow Bowersock	USA	85-89 yrs
50 m Freestyle	37.89	13 Dec 98
100 m Freestyle	1:33.74	13 Dec 98
Tokushii Komeda	JPN	85-89 yrs
100 m Freestyle	1:34.24	14 Mar 99
200 m Freestyle	3:34.54	15 Jan 99
Walt Pfeiffer	USA	85-89 yrs
200 m Breaststroke	4:44.32	13 Dec 98
50 m Butterfly	52.74	13 Dec 98
100 m Butterfly	2:04.50	13 Dec 98
Richard Reinhardt	GER	85-89 yrs
100 m Backstroke	1:51.19	17 Jan 99
Jim Penfield	USA	90-94 yrs
100 m Breaststroke	2:45.20	15 Nov 98
Gus Langner	USA	95-99 yrs
50 m Freestyle	57.67	11 Oct 98
	57.57	14 Oct 98
100 m Freestyle	1:00.44	20 Mar 99
	2:19.51	11 Oct 98
200 m Freestyle	2:24.20	20 Mar 99
Ibaraki Swimming Club	JPN	3:45.23
50 m Freestyle	5:13.46	11 Oct 98
100 m Freestyle	5:28.41	20 Mar 99
200 m Freestyle	10:51.93	11 Oct 98
400 m Freestyle	11:28.13	20 Mar 99

William Specht	USA	22:05.55
1500 m Freestyle	41:29.87	11 Oct 98
50 m Backstroke	1:27.67	11 Oct 98
100 m Backstroke	3:38.07	14 Oct 98
200 m Backstroke	8:32.34	14 Oct 98
50 m Breaststroke	1:31.60	11 Oct 98
100 m Breaststroke	1:35.32	20 Mar 99
200 m Breaststroke	3:35.33	11 Oct 98
100 m Individual Medley	3:33.98	11 Oct 98
Short Course - Relays		
San Diego Masters	USA	1:54.94
Women 200 m Free	160-199 yrs	15 Dec 98
Beth Knight	Caroline Krattli	
Barbara Dunbar	Karlyn Pipes-Neilsen	
St Masters Kansai	JPN	2:23.92
Women 200m Free	240-279 yrs	31 Jan 99
Fusako Hirooka	Emiko Tsujimoto	
Kazuko Kajiwara	Yoshiko Osaki	
Spencer	GBR	2:04.49
Women 200 m Medley	120-159 yrs	25 Oct 98
Helen Jameson	Siobhan Hartley	
Nicola Sommers	Susan Hill	
San Diego Masters	USA	2:08.46
Women 200 m Medley	160-199 yrs	15 Dec 98
Karlyn Pipes-Neilsen	Caroline Krattli	
Barbara Dunbar	Beth Knight	
Gold Coast Masters	USA	1:57.70
Men 200 m Free	240-279 yrs	06 Dec 98
Patrick Howe	David McIntrye	
Herb Kem	Cav Cavanaugh	
Gold Coast Masters	USA	1:59.34
Men 200 m Medley	200-239 yrs	11 Oct 98
John Spire	George Schmidt	
Joel Burns	Cav Cavanaugh	
Fluminense F.C.	BRA	2:11.79
Men 200 m Medley	240-279 yrs	07 Sep 98
Antonio Soares de Souza	Luis Roberto Barbosa da Silva	
Rinaldo Ferreira	Aram Boghossian	
Tamalpais	USA	1:55.91
Mixed 200 m Free	200-239 yrs	13 Dec 98
Richard Burns	Mike Freshley	
Laura Val	Nancy Ridout	
San Diego	USA	2:06.22
Mixed 200 m Free	240-279 yrs	13 Dec 98
Mike Freshley	Betsy Jordan	
Jackie Marr	Donald Baker	
Fluminense F.C.	BRA	2:35.24
Mixed 200 m Free	280-319 yrs	04 Sep 98
Severino Velloso de C. Netto	Candida Barroso Gandolfo	
Enedina de Araujo Pereira	Aram Boghossian	
Ibaraki Swimming Club	JPN	3:20.78
Mixed 200 m Free	320-359 yrs	31 Jan 99
Kenzo Uemura	Hiroko Tsuchiya	
Ritsuko Hayashida	Ryuji Fujikawa	
St Masters Kansai	JPN	2:09.37
Mixed 200 m Medley	200-239 yrs	25 Oct 98
Yoshie Osaki	Yoshiko Osaki	
Koji Nakano	Nancy Ridout	
Tamalpais	USA	2:09.56
Mixed 200 m Medley	200-239 yrs	13 Dec 98
Richard Burns	Gary Parlapiano	
Laura Val	Nancy Ridout	
San Diego	USA	2:25.26
Mixed 200 m Medley	240-279 yrs	13 Dec 98
Betsy Jordan	Mike Freshley	
Jackie Marr	Donald Baker	
Ibaraki Swimming Club	JPN	3:45.23
Mixed 200 m Medley	320-359 yrs	31 Jan 99
Yoshinori Kawabata	Hiroko Tsuchiya	
Ritsuko Hayashida	Ryuji Fujikawa	

FINA Masters World Records - WOMEN'S LONG COURSE - Dated 1st May 1999

	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
FREE																
50 metres	Alison Sheppard GBR 98 26.20	S. Neilson-Bell USA 88 26.37	Tracie Moll USA 98 26.75	S. Neilson-Bell USA 95 27.39	Jackie Hirdy USA 98 28.30	Ardeth Mueller USA 93 29.33	Jayne Bruner USA 94 33.11	Gail Roper USA 96 34.17	Clara Walker USA 96 36.13	J. Drake-Brockman AUS 96 38.22	Hatsuho Sugaya JPN 94 41.31	Ume Wada JPN 96 49.84	Aileen Soule USA 96 55.76	Mary M. Anderson CAN 98 55.84	Mary M. Anderson CAN 98 1:55.57	
100 metres	Alison Sheppard GBR 98 56.22	S. Neilson-Bell USA 88 56.06	Tracie Moll USA 98 56.38	S. Neilson-Bell USA 95 1:00.63	Laura Val USA 95 1:02.42	Carol Fellowes CBR 96 1:07.34	Yoshiko Osaki JPN 93 1:11.01	Jane Asher GBR 96 1:15.29	Clara Walker USA 95 1:21.57	J. Drake-Brockman AUS 95 1:30.42	Ume Wada JPN 91 1:39.30	Ume Wada JPN 97 2:00.66	Aileen Soule USA 96 2:19.62	Mary M. Anderson CAN 98 4:06.70	Mary M. Anderson CAN 98 1:55.57	
200 metres	Sara Shand USA 89 2:07.11	Beth Knight K. Pipes-Nelsen USA 97 2:06.94	Laura Val USA 94 2:14.97	Laura Val USA 93 2:17.92	Ardeth Mueller USA 97 2:29.22	Ardeth Mueller USA 93 2:34.88	Lavelle Stoenoff USA 92 2:43.83	Clara Walker USA 92 2:48.51	Clara Walker USA 96 3:04.56	Margery Meyer USA 97 3:11.07	Ume Wada JPN 92 3:44.00	Ume Wada JPN 96 4:26.52	Aileen Soule USA 96 5:21.55			
400 metres	Sara Shand USA 89 4:27.53	K. Pipes-Nelsen K. Pipes-Nelsen USA 96 4:28.76	S. Hein-Bowen USA 97 4:26.17	Laura Val USA 97 4:42.71	Dianne Foster CAN 98 4:56.06	Ardeth Mueller USA 97 5:12.02	Yoshiko Osaki JPN 98 5:25.59	Clara Walker USA 96 5:54.90	Margery Meyer USA 98 6:33.15	Majorie Sharpe USA 98 7:16.82	Ume Wada JPN 97 7:56.31	Aileen Soule USA 97 9:31.21	Aileen Soule USA 97 11:45.66			
800 metres	Eva Mortensen GBR 96 9:17.09	Lynn Marshall CAN 92 9:16.82	K. Pipes-Nelsen USA 97 9:16.20	S. Hein-Bowen USA 96 9:37.13	Laura Val USA 95 10:08.23	Dianne Foster CAN 98 10:36.52	U.S.A. 97 11:15.07	Lavelle Stoenoff USA 98 12:01.79	June Krauser USA 96 13:15.45	Margery Meyer USA 97 14:32.25	Rita Simonton USA 98 16:05.85	Maxine Merino USA 97 20:11.43	Anna Bauscher USA 94 30:55.09			
1500 metres	Amy Pipe USA 88 17:38.78	Karen Burton USA 96 17:38.70	S. Hein-Bowen USA 96 17:55.34	Laura Val USA 97 18:14.34	Ardeth Mueller USA 97 19:26.97	Ardeth Mueller USA 97 21:02.46	U.S.A. 97 21:09.91	Lavelle Stoenoff USA 98 22:50.81	June Krauser USA 96 25:11.23	Margery Meyer USA 98 28:38.34	Rita Simonton USA 98 30:54.56	Maxine Merino USA 97 38:20.39				
BACK																
50 metres	Kaoru Ono JPN 98 30.73	D. Grainer-Gallas K. Pipes-Nelsen USA 96 30.94	K. Pipes-Nelsen USA 97 31.83	Laura Val USA 94 32.25	Satoko Takeuchi JPN 92 32.93	Satoko Takeuchi JPN 92 34.87	Betsy Jordan USA 97 36.08	Clara Walker USA 97 38.76	Clara Walker USA 97 39.65	Willy Van Ryssel GBR 91 42.29	Mirte Wright AUS 89 53.73	Aileen Soule USA 91 58.42	Mary M. Anderson CAN 98 1:03.49	Mary M. Anderson CAN 98 1:57.79		
100 metres	Alison Sheppard GBR 98 1:05.02	D. Grainer-Gallas K. Pipes-Nelsen USA 96 1:05.42	K. Pipes-Nelsen USA 98 1:06.29	Laura Val USA 92 1:11.03	Satoko Takeuchi JPN 95 1:18.88	Satoko Takeuchi JPN 97 1:19.65	Betsy Jordan USA 97 1:24.45	Betsy Jordan USA 97 1:24.45	Bunny Cederlund USA 95 1:31.58	Edith Thein ISR 98 1:46.70	Aileen Soule USA 91 2:13.13	Mary M. Anderson CAN 98 4:16.79				
200 metres	Diane Grauer USA 89 2:19.97	K. Pipes-Nelsen K. Pipes-Nelsen USA 96 2:18.98	B. Bazeau FRA 94 2:18.20	Cecilia McCloskey USA 95 2:36.89	Satoko Takeuchi JPN 92 2:42.60	Satoko Takeuchi JPN 97 2:51.11	Betsy Jordan USA 97 2:56.13	Lavelle Stoenoff USA 98 3:06.23	Doris Steadman USA 95 3:28.69	Doris Steadman J. Drake-Brockman AUS 96 3:57.14	Edith Thein ISR 98 4:12.86	Aileen Soule USA 91 4:47.82	Aileen Soule USA 97 5:28.07			
BREAST																
50 metres	S. Seminalore ITA 89 32.01	M. Mohmann L. Weitzel-Osborne GBR 88 34.56	Dagmar Hilbig GER 98 34.41	Susan Roy USA 94 36.97	Monika Seifrieden Jan MacLeod USA 97 38.04	Jayne Bruner GBR 98 39.43	Edith Boehm GER 94 41.43	Regan Kenner USA 98 43.42	Dorothy Weston GBR 93 52.03	Mari Gogniat GBR 93 59.60	Yoshi Kuchihira USA 95 1:09.65	Mari Gogniat GBR 93 1:35.23				
100 metres	Charlotte Mustard GBR 96 1:15.31	M. Mohmann L. Weitzel-Osborne GBR 88 1:14.52	Dagmar Hilbig USA 90 1:17.44	Susan Roy USA 94 1:22.27	Shirley Turner RSA 98 1:28.05	Shirley Turner RSA 98 1:29.28	A Leene-Rodahl NZL 98 1:34.12	Edith Boehm GER 98 1:44.09	Regan Kenner USA 98 1:58.81	Dorothy Weston GBR 93 2:17.08	Dorothy Weston GBR 93 2:34.97	Del Rowley AUS 96 5:08.09				
200 metres	Sharon Davies GBR 90 2:42.02	Hideka Koshimizu JPN 95 2:46.81	Dagmar Hilbig GER 96 2:50.66	Ulrike Urbanak GER 98 2:57.38	Shirley Turner RSA 98 3:09.79	Ulrike Urbanak GER 98 3:14.40	Masayo Azuma RSA 96 3:24.38	Flora Connolly GBR 98 3:30.95	Enka Lange GBR 98 3:56.03	Regan Kenner USA 98 4:18.18	Regan Kenner USA 98 5:01.36	Enri Pauli GER 98 5:36.62	Del Rowley Aus 95 10:39.50			
FLY																
50 metres	Maria Parssinen FIN 97 28.09	Tracie Moll USA 97 28.07	Dagmar Hilbig GER 98 28.77	Laura Val USA 94 29.89	Ardeth Mueller USA 93 30.74	Gail Roper USA 85 31.69	Jayne Bruner USA 94 35.29	Gail Roper USA 95 37.39	June Krauser USA 96 39.18	Catherine Kerr CAN 96 43.62	Maria Lenkt BRA 93 53.84	Maxine Merino USA 97 1:01.41	Anna Bauscher USA 94 1:13.64	Anna Bauscher USA 94 4:57.25		
100 metres	Rosemarie Scanlan USA 87 1:03.91	P. Verbaumen BEL 96 1:04.80	Tracie Moll USA 98 1:03.93	Laura Val USA 92 1:06.27	Ardeth Mueller USA 93 1:08.02	Hannelore Roese RSA 98 1:13.86	Jayne Bruner USA 97 1:21.91	Ardeth Mueller USA 97 1:28.65	Gail Roper USA 96 1:36.68	June Krauser USA 96 1:40.85	Kay Schimpf USA 92 2:19.44	Jean Durston USA 94 2:27.91	Dorothy Weston GBR 98 2:45.28			
200 metres	S Palmer White AUS 92 2:18.69	K. Pipes-Nelsen K. Pipes-Nelsen USA 96 2:20.21	Laura Val USA 95 2:22.59	Laura Val USA 95 2:31.37	Ardeth Mueller USA 91 2:49.53	Hannelore Roese RSA 98 3:14.39	Flora Connolly GBR 94 3:26.76	Flora Connolly GBR 98 3:33.04	June Krauser USA 96 3:39.91	Maxine Merino USA 98 4:54.79	Jean Durston USA 94 5:24.52	Maxine Merino USA 98 6:35.26				
MEDLEY																
200 metres	Sharon Davies GBR 90 2:22.00	Karinj Pines K. Pipes-Nelsen USA 96 2:25.68	S. Neilson-Bell USA 97 2:25.31	Danielle Oger USA 96 2:38.18	Brigitte Metten GBR 96 2:52.11	Yoshiko Osaki JPN 98 2:59.15	Jane Asher GBR 96 3:05.96	Jane Asher GBR 96 3:20.26	Catherine Kerr CAN 96 3:33.75	M. Lenz-Zigler USA 95 4:12.90	Maxine Merino USA 97 4:41.09	Maxine Merino USA 97 5:27.56	Anna Bauscher USA 94 12:10.93			
400 metres	Sharon Davies GBR 90 5.05.29	Hideka Koshimizu K. Pipes-Nelsen USA 97 5.05.05	Laura Val USA 93 5.39.70	Danielle Oger USA 97 5.45.85	Ardeth Mueller USA 92 6:12.08	Yoshiko Osaki JPN 98 6:18.94	Flora Connolly GBR 98 6:50.29	Flora Connolly GBR 98 7:06.75	June Krauser USA 96 7:30.91	Maxine Merino USA 97 9:11.23	Maxine Merino USA 97 10:05.13	Maxine Merino USA 97 11:21.06				

FINA Masters World Records - MEN'S LONG COURSE - Dated 1st May 1999

	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
FREE																
50 metres	Kevin DeForest USA 83 22.59	Rowdy Gaines USA 90 23.21	Brent Barnes JPN 94 24.25	Terry Downes RSA 34 25.18	Richard Abrahams USA 98 24.60	Steve Clark USA 98 26.33	Jeff Farrell USA 98 26.70	Ronald Johnson USA 98 28.04	Kelley Lemmon USA 84 29.35	Keijiro Nakamura JPN 98 32.07	W. Bowersock USA 93 33.88	Gus Langner USA 93 35.77	Gus Langner USA 93 48.70	Gus Langner USA 98 55.88	Gus Langner USA 98 Tom Lane USA 94 2.05.49	
100 metres	Jim Montgomery USA 81 51.25	Rowdy Gaines USA 91 51.50	Jack Gosele USA 98 53.78	Terri Downes RSA 94 55.66	Richard Abrahams USA 98 56.98	Timothy Garton USA 98 58.41	Jeff Farrell USA 98 1.00.11	Roberto Alberiche ESP 96 1.03.39	Frank Piemonte USA 95 1.10.16	Ray Taff USA 95 1.13.84	Hikoi Ueki JPN 95 1.19.28	Gus Langner USA 93 1.33.49	Gus Langner USA 93 1.57.91	Gus Langner USA 98 2.29.32	Gus Langner USA 98 Tom Lane USA 95 4.25.98	
200 metres	John Kengeler USA 92 1.52.17	Rowdy Gaines USA 96 1.54.04	Tim Brodbeck USA 95 2.01.16	Tim Brodbeck USA 96 2.03.71	Fried Schlicher USA 98 2.07.17	Keifei Ludwig USA 98 2.15.36	Jeff Farrell USA 98 2.20.54	Roberto Alberiche ESP 96 2.21.74	William Phillips USA 98 2.37.00	Ray Taff USA 95 2.51.62	Hikoi Ueki JPN 95 3.03.91	Gus Langner USA 93 3.48.91	Gus Langner USA 98 4.28.34	Gus Langner USA 98 5.13.23	Gus Langner USA 98 Tom Lane USA 95 11.30.53	
400 metres	Alex Kosich USA 97 4.03.63	Rowdy Gaines USA 93 4.07.04	Rowdy Gaines USA 95 4.07.64	Rowdy Gaines USA 95 4.20.37	R. Tod Spieker USA 96 4.24.37	Sandy Gally GBR 38 4.50.41	R. Tod Spieker USA 98 4.32.51	Graham Johnston USA 95 5.04.56	Graham Johnston USA 96 5.03.36	William Phillips USA 98 5.40.41	Domei Suzuki JPN 96 6.17.36	Alfredo Chendi AUS 97 6.40.63	Alfredo Chendi AUS 98 8.14.50	Gus Langner USA 98 9.40.04	Gus Langner USA 98 11.30.53	
800 metres	Alex Kosich USA 97 8.24.67	Rowdy Gaines USA 93 8.40.19	Rowdy Gaines USA 95 8.57.66	Rowdy Gaines USA 95 9.13.29	Todd Bryan USA 98 9.27.52	Sandy Gally GBR 98 10.03.22	R. Tod Spieker USA 98 10.34.02	Graham Johnston USA 95 10.29.26	Frank Piemonte USA 95 12.03.73	Ray Taff USA 95 12.58.14	Nobert Artus CAN 94 13.50.05	Gus Langner USA 93 17.11.21	Gus Langner USA 98 20.13.74	Gus Langner USA 98 22.28.28	Gus Langner USA 98 22.28.28	
1500 metres	Alex Kosich USA 97 16.13.89	Bobby Patten USA 93 16.36.06	Rowdy Gaines USA 94 16.37.34	Hess Yntema USA 95 16.58.52	Todd Bryan USA 98 17.31.23	Sandy Gally GBR 97 19.09.48	R. Tod Spieker USA 98 18.04.53	Graham Johnston USA 95 20.04.73	Roger Franks USA 98 20.16.54	Domei Suzuki JPN 95 22.59.14	Alido da Rosa USA 98 24.51.78	Gus Langner USA 93 28.13.09	Gus Langner USA 98 33.08.42	Gus Langner USA 98 36.47.02	Gus Langner USA 98 36.47.02	
BACK																
50 metres	Martin Harris GBR 94 26.68	Sean Murphy USA 94 27.26	Thompson Mann USA 78 28.04	William Specht USA 98 28.90	Dix Ozier NZL 99 30.24	Hugh Wilder USA 97 30.63	Robert Smith USA 98 31.52	Yoshi Oyakawa USA 94 33.13	S. Sekikawa JPN 98 35.13	Paul Hultinger USA 95 37.10	Keijiro Nakamura JPN 98 37.51	R. Reinhardt GER 97 47.70	Jim Penfield USA 98 1.03.20	Gus Langner USA 98 1.56.25	Gus Langner USA 98 2.05.54	
100 metres	Jon Winter NZL 97 57.45	Sean Murphy USA 94 58.66	William Specht USA 83 1.00.95	William Specht USA 98 1.02.48	Eddie Raach GBR 98 1.04.69	Hugh Wilder USA 97 1.11.39	Richard Burns USA 98 1.07.16	Barry Young NZL 99 1.14.53	Paul Hultinger USA 98 1.17.68	Keijiro Nakamura JPN 98 1.24.14	Goro Kobayashi JPN 98 1.26.00	R. Reinhardt GER 97 1.36.95	Jim Penfield USA 98 1.53.67	Gus Langner USA 98 2.30.11	Gus Langner USA 98 4.57.01	
200 metres	Martin Harris GBR 94 20.66	Sean Murphy USA 94 2.05.62	Tom Wolf USA 96 2.13.63	William Specht USA 98 2.16.40	R. Tod Spieker GBR 98 2.22.45	Barry Young NZL 94 2.37.16	R. Tod Spieker USA 98 2.27.01	S. Sekikawa JPN 98 2.42.56	Roger Franks USA 97 2.51.19	Keijiro Nakamura JPN 98 3.04.42	Goro Kobayashi JPN 98 3.10.64	R. Reinhardt GER 97 3.42.35	Peter Jurczyk USA 95 4.12.45	Peter Jurczyk USA 95 5.36.88	Peter Jurczyk USA 95 5.36.88	
BREAST																
50 metres	James Parrott GBR 96 28.68	David Gutin USA 92 29.42	Wally Dicks USA 98 29.09	Glen Christiansen SWE 98 30.56	C. Mittenberger USA 98 31.54	Robert Strand USA 98 32.16	Hiroshi Kotegawa JPN 93 33.03	Atsuo Sugiyama JPN 95 34.59	Manuel Saiguly USA 98 36.42	Toshio Taimai JPN 95 39.15	Robert Pierendorff GER 99 41.78	Karl Wittenberg GER 95 43.62	Hans Paul GER 98 51.52	Gus Langner USA 98 1.09.65	Gus Langner USA 98 1.26.61	
100 metres	James Parrott GBR 96 1.04.11	Seth Van Neerden USA 96 1.05.64	Wally Dicks USA 98 1.05.03	Ron Schafer USA 98 1.08.97	Timothy Sheard RSA 97 1.12.38	Robert Strand USA 98 1.11.90	John Korthauer USA 88 1.17.67	Thomas Walker GBR 98 1.20.56	Manuel Saiguly USA 98 1.24.16	Robert Pierendorff GER 96 1.31.05	Y. Miyamoto JPN 98 1.35.99	Mitsuo Shimoto JPN 97 1.45.24	Jesse Coon USA 96 2.10.64	Jesse Coon USA 96 2.39.02	Jesse Coon USA 96 3.38.45	
200 metres	Alvraham Salano ECU 98 224.57	David Lundberg USA 91 224.06	David Gutin USA 95 2.24.37	Ron Schafer USA 98 2.29.77	Gerhard Preiner GER 94 2.41.02	William Gonzalez USA 96 2.40.57	Robert Strand USA 96 2.50.44	Thomas Walker GBR 96 2.58.37	Manuel Saiguly USA 98 3.10.23	Karl-Heinz Knops GER 96 3.26.27	Augusto Romano ITA 94 3.34.86	Augusto Romano ITA 98 3.55.37	Harold Peary USA 96 4.36.86	Gus Langner USA 98 6.24.54	Gus Langner USA 98 7.37.17	
FLY																
50 metres	Jon Winter NZL 98 24.88	Mike Bottom USA 88 25.31	Michael Bottom USA 93 25.93	William Specht USA 98 26.33	Dan Thompson USA 92 27.12	Richard Abrahams USA 98 27.13	Keifei Ludwig USA 98 28.22	Bob Baile USA 95 30.35	Ronald Johnson USA 98 30.81	Frank Piemonte USA 96 33.79	Y. Miyamoto JPN 98 37.57	Jesse Coon USA 96 42.22	Jesse Coon USA 96 57.93	Jim Penfield USA 98 1.26.07	Jim Penfield USA 98 1.26.07	
100 metres	Mike Bottom USA 84 56.24	Jeff Stuart USA 88 56.64	Jeff Stuart USA 86 56.60	William Specht USA 98 58.13	Boo Grainer Galias USA 96 1.02.47	Richard Abrahams USA 98 1.02.25	Robert Polletman USA 98 1.06.88	Bert Petersen USA 98 1.14.25	Ronald Johnson USA 98 1.16.85	Joseph Kurtzman USA 98 1.24.84	Anton Carter USA 92 1.38.80	Anton Carter USA 92 1.52.37	Jesse Coon USA 96 2.30.73	Jesse Coon USA 96 2.30.73		
200 metres	M. Lukaszek TCH 94 2.05.25	Bobby Patten USA 95 2.03.85	David Lundberg USA 91 2.24.06	David Gutin USA 95 2.24.37	Jeff Stuart USA 96 2.29.77	William Specht USA 98 2.31.84	Boo Grainer Galias USA 96 2.33.48	Luis Ricardo Sim BRA 97 2.56.96	Valentin Weber GER 97 3.08.79	Anton Carter USA 92 3.22.01	Anton Carter USA 92 3.43.56	Frank Griffitts AUS 93 4.11.09	Frank Griffitts AUS 93 5.24.28	Frank Griffitts AUS 93 5.24.28		
MEDLEY																
200 metres	Nicolas Granger FRA 94 2.07.00	David Lundberg USA 91 2.09.69	Dariusz Woly POL 88 2.14.94	James Sorensen USA 98 2.15.53	Tim Brodbeck USA 96 2.22.06	Timothy Garton USA 93 2.28.70	Timothy Garton USA 98 2.32.95	Bert Petersen USA 98 2.43.81	Barry Young NZL 99 2.49.71	Roberto Alberiche ESP 96 3.06.43	Jesus Dominguez ESP 96 3.24.38	Ray Taff USA 94 3.24.38	Frank Griffitts AUS 93 4.40.15	Frank Griffitts AUS 93 6.59.87	Frank Griffitts AUS 93 6.59.87	
400 metres	Nicolas Granger FRA 94 4.31.47	Sean Murphy USA 94 4.40.22	Dariusz Woly POL 88 4.46.79	Hess Yntema USA 95 4.53.03	Edie Raach GBR 98 5.09.11	John Calvert USA 96 5.20.78	William Gonzalez USA 97 5.36.39	Robert Alberiche ESP 96 6.04.99	Roberto Alberiche ESP 96 6.05.15	Frank Griffitts AUS 93 6.52.07	Alido da Rosa USA 98 6.52.07	Alido da Rosa USA 98 7.21.75	Frank Griffitts AUS 93 8.10.67	Frank Griffitts AUS 93 10.26.43		

FINA Masters World Records - WOMEN'S SHORT COURSE - Dated 1st May 1999

FINA Masters World Records - MEN'S SHORT COURSE - Dated 1st May 1999

	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
FREE																
50 metres	Robert Peel USA 93 22.48	Rowdy Gaines JPN 89 22.82	Bruce Sahl USA 94 23.80	Ramon Gamboa VEN 98 24.36	Jan Koen Anthony NED 95 24.70	Roger Hawkins USA 98 25.49	Donald Hill USA 95 26.60	Bob Baile USA 95 27.32	Keiji Nakamura JPN 96 30.21	Ron Johnson USA 96 32.09	Takahiro Noma JPN 96 35.16	W. Bowersock USA 93 37.89	Gus Langner USA 93 50.09	Gus Langner USA 93 57.57	Gus Langner USA 98 57.57	Tom Lane USA 95 2.06.66
100 metres	Bjorn Zukarsky USA 95 49.91	Rowdy Gaines JPN 89 50.51	Mark Morgan AUS 94 52.64	Rick Abbott USA 95 53.25	Terry Downes RSA 95 54.64	Kefie Lodwig USA 96 56.63	Jack Geoghegan USA 97 59.49	Bob Baile USA 95 1.01.96	Roberto Alberiche ESP 96 1.02.77	Frank Piemme USA 95 1.09.00	Jack Hale GBR 97 1.13.35	Hikaji Ueki JPN 95 1.18.80	W. Bowersock USA 98 1.33.74	Gus Langner USA 93 1.58.42	Gus Langner USA 98 2.19.51	Tom Lane USA 95 4.32.29
200 metres	John Kempler USA 95 1.48.61	Rowdy Gaines JPN 89 1.50.91	Edwin Van Norden NED 98 1.53.66	Hess Yntema USA 95 1.57.83	Tim Broderick USA 95 2.00.13	Tim Broderick USA 96 2.06.76	Jack Geoghegan USA 97 2.13.00	Graham Johnston USA 95 2.21.31	Graham Johnston USA 95 2.22.07	William Phillips USA 98 2.34.64	Ray Tait USA 94 2.48.67	Hikaji Ueki JPN 95 3.01.42	Tokushi Komeda JPN 99 3.34.54	Gus Langner USA 98 4.27.70	Gus Langner USA 98 5.13.46	
400 metres	Alex Koschich USA 97 8:14.75	Bruce Hayes USA 94 8:19.44	Bruce Hayes USA 94 8:39.15	Edwin Van Norden NED 98 4:07.22	Hess Yntema USA 95 4:09.31	Tim Broderick USA 96 4:18.44	R Tod Spieker USA 98 4:30.80	Sandy Gallehy GBR 97 4:47.10	Graham Johnston USA 95 4:56.68	Frank Piemme USA 95 5:09.09	Ray Tait USA 95 5:35.49	Alto Da Rosa USA 98 6:46.62	Gus Langner USA 93 7.54.24	Gus Langner USA 98 8.50.65	Gus Langner USA 98 10.51.93	
800 metres	Alex Koschich USA 97 8:14.75	Bruce Hayes USA 94 8:19.44	Bobby Patten USA 96 8:49.83	Edwin Van Norden NED 98 9:12.81	Tim Broderick USA 96 8:56.08	R Tod Spieker USA 98 9:12.81	Graham Johnston USA 95 9:47.45	Graham Johnston USA 95 10:27.62	Frank Piemme USA 95 10:35.13	Ray Tait USA 94 12:45.40	Alto Da Rosa USA 98 14:09.37	Alto Da Rosa USA 98 16:53.90	Gus Langner USA 98 18.88	Gus Langner USA 98 22:05.85	Gus Langner USA 98 22:05.85	
1500 metres	Alex Koschich USA 97 15:41.81	Bruce Hayes USA 94 16:21.25	Bobby Patten USA 96 16:51.71	Edwin Van Norden NED 98 20:09.92	Hess Yntema USA 95 20:46.61	Jim McConica USA 97 17:24.70	R Tod Spieker USA 98 17:40.00	Sandy Gallehy GBR 98 18:51.83	Graham Johnston USA 95 19:48.44	William Phillips USA 98 19:53.18	Alto Da Rosa USA 93 22:30.87	Alto Da Rosa USA 98 24:46.19	Alto Da Rosa USA 98 26:41.69	Alto Da Rosa USA 98 32:20.20	Alto Da Rosa USA 98 44:48.99	Gus Langner USA 98 41:29.87
BACK	Martin Harris GBR 94 25.43	Jay Y'ard USA 94 26.58	Clay Britt USA 96 26.84	William Specht USA 98 27.84	Robert Smith USA 88 29.33	Hugh Wilder USA 97 29.50	Robert Smith USA 97 30.94	Jack Beatrice USA 94 34.05	Yoshi Okawara USA 98 33.46	Paul Hultinger USA 94 35.71	Shoichi Sakamoto JPN 98 37.47	R. Reinstadter GER 97 42.16	Hans Paul GER 98 47.17	Gus Langner USA 98 1.27.67	Gus Langner USA 98 2.02.52	
100 metres	Martin Harris GBR 94 54.82	Jay Y'ard USA 93 56.83	Clay Britt USA 96 58.25	William Specht USA 98 59.26	Eddie Riach GBR 98 1.04.14	Hugh Wilder USA 97 1.04.17	Richard Burns USA 98 1.08.34	Jack Beatrice USA 94 1.13.55	Yoshi Okawara USA 98 1.14.66	Paul Hultinger USA 94 1.14.66	Keijiro Nakamura JPN 98 1.21.74	Alto Da Rosa USA 98 1.36.41	R. Reinstadter GER 98 1.51.19	Joe Kaufman USA 95 2.40.88	Gus Langner USA 98 3.38.07	
200 metres	Martin Harris GBR 94 20.17.88	Jay Y'ard USA 93 2.04.63	Edwin Van Norden NED 98 2.09.92	William Specht USA 98 2.09.61	Eddie Riach GBR 98 2.18.98	R. Tod Spieker USA 98 2.21.88	Richard Burns USA 98 2.32.73	Jack Beatrice USA 94 2.40.75	Roger Franks USA 98 2.47.59	Ray Tait USA 94 2.55.73	Edward Shear USA 94 3.10.22	Edward Shear USA 94 3.33.91	R. Reinstadter GER 97 4.11.25	Joe Kaufman USA 96 5.44.64	Gus Langner USA 98 8.32.34	
BREAST	50 metres	Guy Farrow AUS 90 28.81	Dean Putteman USA 96 29.21	Wally Dicks USA 98 28.82	Glen Christiansen SWE 97 29.85	Robert Strand USA 97 31.83	Hiroshi Kolegawa JPN 96 31.24	Manuel Sangily USA 97 34.41	Toshiro Tajima JPN 93 33.17	Robert Pierdorff GER 99 38.60	Robert Pierdorff GER 99 40.22	Y. Miyamoto JPN 97 44.56	Kai Wittenbut GER 95 51.17	Hans Paul GER 98 1.05.70	Gus Langner USA 98 1.31.60	
100 metres	Hideaki Togo JPN 97 1.03.23	Frank Viiver NED 94 1.04.23	Wally Dicks USA 98 1.03.18	Robert Strand USA 96 1.06.50	Eddie Riach GBR 98 1.09.44	Hiroshi Kolegawa JPN 96 1.19.82	Nick Tempelman USA 96 1.21.32	Baron Grethberg CAN 96 1.21.34	Baron Grethberg CAN 96 1.29.46	Robert Pierdorff GER 99 1.28.61	Y. Miyamoto JPN 97 1.43.91	Walter Pfleiffer USA 98 2.06.08	Jim Penfield USA 98 2.45.20	Gus Langner USA 98 3.36.33		
200 metres	Abraham Solano USA 96 2.20.43	Rogue Santos USA 96 2.22.97	Seige Score CAN 96 2.22.64	Robert Strand USA 97 2.25.58	Robert Strand USA 96 2.34.41	Tezge Harasci USA 96 2.49.21	Thomas Walker GBR 95 2.57.08	Nick Tempelman USA 96 3.06.13	Karl Hauer GER 95 3.16.44	Alto Da Rosa USA 93 3.34.29	Alto Da Rosa USA 93 3.35.61	Walter Pfleiffer USA 98 4.44.32	Gus Langner USA 98 6.41.56	Gus Langner USA 98 7.28.31		
FLY	50 metres	Jonas Akesson SWE 97 25.20	Michael Bottom USA 89 25.06	William Specht USA 93 25.89	Ramon Gamboa VEN 98 25.80	Dan Thompson USA 93 27.08	Steve Borowski USA 98 27.55	Joseph Cane ESP 99 28.92	Bob Baile USA 95 30.34	Ron Johnson USA 96 31.05	Jack Hale GBR 97 34.77	Y. Miyamoto JPN 97 38.00	Walter Pfleiffer USA 98 44.75	Walter Pfleiffer USA 98 52.74	Walter Pfleiffer USA 98 1.16.38	
100 metres	Roberto Nato BRA 98 55.85	Hirotoshi Murata JPN 96 54.82	William Specht USA 93 57.02	William Specht USA 96 56.18	Tom Penn USA 96 1.01.13	Boo Griner Galias USA 98 1.02.54	Robert Poleman USA 98 1.06.29	Alto Da Rosa USA 98 1.13.76	Alto Da Rosa USA 98 1.16.70	Joe Kurzman USA 96 1.26.98	Paul Kup USA 96 1.26.98	Paul Kup USA 96 1.36.80	Walter Pfleiffer USA 98 1.47.20	Walter Pfleiffer USA 98 2.04.50		
200 metres	Gavin Liley GBR 93 2.05.97	Ian Beck GBR 96 2.05.73	William Specht USA 94 2.06.48	Ramon Gamboa VEN 98 2.02.97	Dan Thompson USA 93 2.19.73	Steve Borowski USA 98 2.21.58	Joseph Cane ESP 99 2.31.16	Bob Baile USA 95 2.53.49	Ron Johnson USA 96 3.05.43	Jack Hale GBR 97 3.18.59	Y. Miyamoto JPN 98 3.49.00	Walter Pfleiffer USA 98 4.00.64	Anton Cerev USA 97 4.45.09	Walter Pfleiffer USA 98 4.45.09		
MEDLEY	100 metres	Martin Harris GBR 94 56.90	Hiroshi Murata JPN 96 57.84	Clay Britt USA 98 59.28	Ric Cooley USA 94 1.02.30	Donald Hill USA 95 1.04.60	Robert Strand USA 96 1.04.97	Robert Strand USA 96 1.09.43	Toshitomo Hayashi JPN 97 1.12.78	Ron Johnson USA 96 1.15.61	Frank Piemme USA 95 1.20.99	Ray Tait USA 94 1.27.43	Alto Da Rosa USA 98 1.36.93	Walter Pfleiffer USA 98 1.51.87	Walter Pfleiffer USA 98 2.51.05	
200 metres	John Kaspeler USA 95 2.05.93	Paul Blew GBR 96 2.06.69	Edwin Van Norden NED 95 2.08.21	Jim Sorenson USA 98 2.12.25	Eddie Riach GBR 98 2.22.11	Robert Strand USA 97 2.25.01	Jack Kelso CAN 95 2.34.42	Graham Johnston USA 91 2.46.69	Jesus Dominguez ESP 96 2.49.10	Ray Tait USA 94 3.00.88	Alto Da Rosa USA 98 3.20.35	Walter Pfleiffer USA 98 3.35.06	Walter Pfleiffer USA 98 4.21.19	Walter Pfleiffer USA 98 4.21.19		
400 metres	John Kaspeler USA 95 4.26.79	Jerome Friesos USA 95 4.33.17	Robin Brew GBR 97 4.40.84	Lorenzo Maugo ITA 98 4.43.28	Boo Griner Galias USA 98 4.57.94	Boo Griner Galias USA 98 5.16.86	Sandy Gallehy GBR 97 5.29.09	Graham Johnston USA 93 6.02.73	Graham Johnston USA 96 6.04.40	Frank Piemme USA 95 6.38.98	Ray Tait USA 94 7.08.53	Alto Da Rosa USA 98 7.53.88	Walter Pfleiffer USA 98 9.31.75	Walter Pfleiffer USA 98 9.31.75		

FINA Masters World Records - Dated 1st May 1999
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	TTEX USA 98 1:58.76	LOS ALTOS USA 94 2:08.96	DC MASTERS USA 98 2:18.70	NEW ENGLAND USA 96 2:38.52	WALNUT CREEK USA 98 3:49.73	
Mary Holmes Beth Mauer Susan Halfacre Tish Bucher	Monica Burk L. Morrison-Casey Brigitte Heuer Jacki Hirsty	Sandy Neilson-Bell Judy Lambert Jann Girard Sharon Wencel	Laura Val Della Sehorn Susan Roy Carolyn Boak	Barbara Frid Joann Leilich Barbara Zaremski Jayne Bruner	Clara Walker Petey Smith Bilie Burnill Diane Reed	Sally Joy Jae Howell Jean Durston Mary Jane Reeve		
Women's Medley 4 x 50 Metres	HOLMES USA 88 2:06.67	GOLD COAST USA 98 2:04.19	LOS ALTOS USA 94 2:12.91	SAN DIEGO USA 98 2:23.07	DC MASTERS USA 98 2:37.68	KAWASAKI JPN 98 3:19.17	WALNUT CREEK USA 98 4:19.11	
Beth Mauer Tish Bucher Deb Walker Mary Holmes	Mary Gardner Susie Geyer Tracie Moll Jamie Hemington	Chris Breedy Laura Val Susan Roy Carolyn Boak	Betsy Jordan Caroline Krattli Barbara Dunbar Jackie Marr	Barbara Frid Joann Leilich Jayne Bruner Barbara Zaremski	Midori Kinjo Akiko Hatton Kiyoko Kozu Mieko Kamoshita	Sally Joy JAE HOWELL Jean Durston Mary Jane Reeve		
Men's Freestyle 4 x 50 Metres	JYVASKYLÄN FIN 96 1:36.39	LONE STAR USA 86 1:37.43	HOLMES USA 90 1:39.27	OLYMPIC CLUB USA 97 1:45.19	OLYMPIC CLUB USA 97 1:54.45	SHUEI JPN 98 2:10.18	COAST USA 96 2:35.13	
Janne Virtanen Jaane Virtanen An Jaakkola Tommy Rundgren	David Hague Tripp Hedrick James Montgomery Buck Smith	James Lilley Richard Abrahams Chester Miltenberger Timothy Garton	Steve Clark Tim Birnie Robert Strand James Elder	Richard Bassi Bill Van Horn James Kruger Philip Chapman	Shuichi Murayama Isamu Tamura Juzo Tsubota Keijiro Nakamura	Louis Giberson Walter Pfeiffer Woodrow Bowersock Robert Christians		
Men's Medley 4 x 50 Metres	POWERS AUS 90 1:49.84	RED FISH SUI 94 1:48.75	BAYLOR LONE STAR USA 94 1:53.79	OLYMPIC CLUB USA 94 1:58.50	GOLD COAST USA 98 2:15.93	MAVERICK USA 97 2:33.50	COAST USA 95 3:06.15	
Brad Cooper Anker Brodersen Neil Gynther Angus Waddell	Patrick Ferland Theophile David Ebenne Dagon Stefan Volery	Mel Nash Tripp Hedrick Barry Hamilton David Hague	Tim Birnie Richard Bassi Robert Strand James Elder	David McIntyre Herb Kern Joel Marr Cav Cavanaugh	Paul Hüniger Joseph Kurtzman Robert MacDonald Alan Malone	Brion Winship Robert Christians Walter Pfeiffer Woodrow Bowersock		
Mixed Freestyle 4 x 50 Metres	HOLMES USA 88 1:43.89	GOLD COAST USA 98 1:42.65	ROCKY MOUNTAIN USA 98 1:45.83	LOS ALTOS USA 94 1:55.50	SAN DIEGO USA 97 2:07.26	SOKL HELLAS SWE 98 2:27.21	DC MASTERS USA 93 3:03.15	
	Todd Pace Tracie Moll Jamie Hemington Kurt Wienants	Kathy Garnier Laureen Welting Richard Abrahams James Lilley	Edward Cazalet Ariene Proebsting Laura Val Robert Proebsting	Donald Baker Jackie Marr Jeanne Little Bill Early	Britt Grilli Nils Ferm Peter Bergengren Kerstin Gjores	Nancy Clark Kelley Lemmon Anne Walker David McAfee		
Mixed Medley 4 x 50 Metres	HOLMES USA 88 1:56.58	GOLD COAST USA 98 1:57.30	TTEX USA 98 2:01.22	TAMALPAIS USA 98 2:08.56	OLYMPIC CLUB USA 97 2:27.14	HOLMES USA 88 2:37.98	RIO MASTERS BRA 95 3:54.87	
Beth Mauer Sam Seiple Bruce Howell Mary Holmes	Craig Crawford Seth Van Neerden Tracie Moll Jamie Hemington	Sharon Wencel David Guthrie Bruce Wencel Sandy Neilson-Bell	Richard Burns Kenneth Frost Laura Val Nancy Ridout	Margery Meyer Steve Clark Danielle Ogier Philip Chapman		Alberto Mibielli Mana Lenk Luzia Caracciolo Gastao Figueiredo		

FINA Masters World Records - Dated 1st May 1999
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	SAN DIEGO USA 96 1:53.26	SAN DIEGO USA 98 1:54.94	SG NEUHOLIN GER 98 2:10.33	ST. KANSAI JPN 99 2:23.92	KAWASAKI JPN 98 2:47.76	ST PETE USA 93 4:09.37	
Dyne Burrell Mary Muetting Susie Devlin Sheila Taormina	Karyn Pipes-Neilsen Mathilde Bouwma Beth Knight Nancy North	Beth Knight Caroline Krattli Barbara Dunbar Karyn Pipes-Neilsen	Marga Schulze Monika Senftleben Brigitte Merten Elke Scharp	Fusako Hirooka Emiko Tsujimoto Kazuko Kajiwara Yoshiko Osaki	Mieko Kamoshita Akiko Hatton Midori Kinjo Kiyoko Kozu	Marian McKechnie Frances Cichanski Win Kennedy Kay Schimpf		
Women's Medley 4 x 50 Metres	SPENCER GBR 98 2:04.54	SPENCER GBR 98 2:04.49	SAN DIEGO USA 98 2:08.46	HAYWATD HTH GBR 98 2:24.72	ST. KANSAI JPN 99 2:42.95	KAWASAKI ITTO JPN 98 3:13.50	SAN MATEO USA 95 4:39.75	
Helen Jameson Susan Hill Sibhan Hartley Helen Day	Helen Jameson Siobhan Hartley Nicola Sommers Susan Hill	Caroline Krattli Barbara Dunbar Karyn Pipes-Neilsen Beth Knight	Brigitte Merten Monika Senftleben Elke Scharp Marga Schulze	Fusako Hirooka Kazuko Kajiwara Yoshiko Osaki Emik Tsujimoto	Midori Kinjo Akiko Hatton Koyoko Kozu Mieko Kamoshita	Helen Roumasset Zada Taft Hilda Buel Audrey Ebenne		
Men's Freestyle 4 x 50 Metres	EL SEGUNDO USA 97 1:35.70	BAYLOR LONE STAR USA 92 1:37.89	COLONIALS USA 95 1:40.74	S CAL AQUATICS USA 94 1:47.41	GOLD COAST USA 98 1:57.70	SHUEI JPN 93 2:11.55	COAST USA 97 2:49.99	
Frank Wattles Derek Robinson Marcel Rinzler Bert Bergen	Richard Hess M. Rhodenbaugh Doug Moyle Bobby Patten	Charles Norelli Michael Slenker Thomas Meade Gregory Oxley	Fred Hubbell Frans Neison Frank Piemme Peter O'Keefe	Patrick Howe David McIntyre Herb Kern Cav Cavanaugh	Keiyo Nakamura Isamu Tamura Eisaku Hayashi Shuichi Murayama	Louis Giberson Woody Bowersock Walter Pfeiffer Robert Christians		
Men's Medley 4 x 50 Metres	EL SEGUNDO USA 97 1:45.73	BAYLOR LONE STAR USA 94 1:45.01	MINNESOTA USA 98 1:52.42	GOLD COAST USA 98 1:59.34	FLUMINENSE BRA 98 2:11.79	FL MAVERICK USA 97 2:31.20	YOKYO SS JPN 98 3:20.27	
Derek Robinson Dave Huston Marcel Rinzler Bert Bergen	Jay Yarid Bobby Patten Greg Rhodenbaugh Mook Rhodenbaugh	Scott Tripps J. Kochendorfer Ray Ellis Nate Leigh	John Spire George Schmidt Joel Burns Cav Cavanaugh	Luis Silva Rinaldo Ferreira Antonio de Souza Aram Boghossian	Paul Hüniger Robert Macdonald Joseph Kurtzman Alan Malone	Kisaburo Wada Saburo Watanabe Y. Miyamoto Yajiro Fukuda		
Mixed Freestyle 4 x 50 Metres	EL SEGUNDO USA 97 1:41.62	ST PETE USA 96 1:45.78	SAN DIEGO USA 96 1:47.38	TAMALPAIS USA 98 1:55.91	SAN DIEGO USA 98 2:06.22	FLEMINENSE BRA 98 2:35.24	IBARAKI JPN 99 3:20.78	
Bert Bergen Diane Graner Gallas Marcel Rinzler Heidi Hannenian	Lisa Summers McKeithen-Bussey William Specht Stuart Barton	Beth Knight Larry Cartwright Karyl Pipes-Neilsen Lee Mench	Richard Burns Ed Cazalet Laura Val Nancy Ridout	Mike Freshley Betsy Jordan Jackie Marr Donald Baker	Severino Netto Candida Randolph Eneida Pereira Aram Boghossian	Kenzo Uemura Hiroko Tsuchiya Ritsuko Hayashida Ryuji Fujikawa		
Mixed Medley 4 x 50 Metres	EL SEGUNDO USA 97 1:52.80	LAKESIDE USA 89 1:58.28	WEST HOLLYWOOD USA 94 2:01.59	ST. KANSAI JPN 98 2:09.37	SAN DIEGO USA 98 2:25.26	100 NOKAI JPN 98 2:52.77	IBARAKI JPN 99 3:45.23	
Diane Graner Gallas Dave Huston Derek Robinson Heidi Hannenian	William Tingley Michael Higgs Gina Gatti Melinda Schmitt	Andrea Devuono Michael Meaffee Karen Melick Thomas Reudy	Yoshie Osaki Yoshiko Osaki Koji Nakano Yoshiko Osaki	Betsy Jordan Mike Freshley Jackie Marr Donald Baker	Kazuko Taguchi Makoto Nishiura Akira Ito Chie Tani	Ryuji Fujikawa Hiroko Tsuchiya Yoshinori Kawabata Ritsuko Hayashida		

Summary FINA Masters World Records - Dated 1st May 1999

		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	95-99	100-104
W	50M FREE	00:26.20	00:26.37	00:26.75	00:27.39	00:28.30	00:29.33	00:30.83	00:33.11	00:34.17	00:36.13	00:38.22	00:41.31	00:49.84	00:55.76	01:55.57	05:10.84
W	100M FREE	00:58.22	00:58.09	00:58.38	01:00.63	01:02.42	01:07.34	01:11.01	01:14.12	01:15.29	01:21.57	01:30.42	01:39.30	02:00.66	02:19.62	04:06.70	
O	200M FREE	02:07.11	02:07.84	02:06.94	02:14.97	02:17.12	02:29.22	02:34.88	02:43.83	02:48.51	03:04.56	03:19.07	03:44.00	04:26.52	05:21.55		
M	400M FREE	04:27.53	04:28.76	04:26.17	04:42.71	04:56.06	05:12.02	05:25.59	05:46.79	05:54.90	06:33.15	07:16.82	07:56.31	09:31.21	11:45.66		
E	800M FREE	09:17.09	09:16.82	09:16.20	09:37.13	10:08.23	10:36.52	11:15.07	12:01.79	12:23.32	13:15.45	14:32.25	16:05.85	20:11.43	30:55.09		
N	1500M FREE	17:38.78	17:38.70	17:55.34	18:14.34	19:26.97	21:02.46	21:09.91	22:50.81	23:42.01	25:11.23	28:38.34	30:54.56	38:20.39			
S	50M BACK	00:30.73	00:30.94	00:31.83	00:32.25	00:32.93	00:34.87	00:36.08	00:38.75	00:39.85	00:42.29	00:46.64	00:53.73	00:58.42	01:03.49	01:57.79	
W	100M BACK	01:05.02	01:05.42	01:06.29	01:11.03	01:12.70	01:18.86	01:19.65	01:24.45	01:31.58	01:35.11	01:46.70	02:13.13	02:23.23	04:16.79		
L	200M BACK	02:19.57	02:18.98	02:18.20	02:36.69	02:42.60	02:51.11	02:56.13	03:06.23	03:28.69	03:57.14	04:12.86	04:47.82	05:29.07			
O	50M BREAST	00:32.01	00:34.56	00:34.41	00:35.71	00:36.97	00:38.04	00:39.43	00:41.43	00:43.42	00:45.11	00:52.03	00:59.60	01:09.85	01:35.23		
G	100M BREAST	01:15.31	01:14.52	01:17.44	01:18.34	01:22.27	01:28.05	01:29.26	01:34.12	01:39.51	01:44.09	01:58.81	02:17.08	02:34.97	05:06.08		
C	200M BREAST	02:42.02	02:46.81	02:50.66	02:51.96	02:57.38	03:09.79	03:14.40	03:24.38	03:30.95	03:56.03	04:18.16	05:01.36	05:36.62	10:39.50		
O	50M FLY	00:28.09	00:29.07	00:28.77	00:29.89	00:30.74	00:31.69	00:35.29	00:37.39	00:39.18	00:43.62	00:53.84	01:01.41	01:13.84	04:57.25		
U	100M FLY	01:03.91	01:04.80	01:03.93	01:06.27	01:08.02	01:13.86	01:21.91	01:28.65	01:36.68	01:40.85	02:19.44	02:27.91	02:45.28			
R	200M FLY	02:18.69	02:20.12	02:20.21	02:32.59	02:31.37	02:49.53	03:14.39	03:26.76	03:33.04	03:39.91	04:54.79	05:24.52	06:35.26			
S	200M MEDLEY	02:22.00	02:25.68	02:25.31	02:38.18	02:40.28	02:52.11	02:59.15	03:05.96	03:20.26	03:33.75	04:12.90	04:41.09	05:27.56	12:10.93		
E	400M MEDLEY	05:05.29	05:05.05	05:07.21	05:39.70	05:45.85	06:12.08	06:18.94	06:50.29	07:06.75	07:30.91	09:11.23	10:05.13	11:21.06			
W	50M FREE	00:22.59	00:23.21	00:23.20	00:24.25	00:25.18	00:24.60	00:26.33	00:26.70	00:28.04	00:29.35	00:32.07	00:33.88	00:35.77	00:48.70	00:55.88	02:05.49
W	100M FREE	00:51.25	00:51.50	00:51.49	00:53.78	00:55.66	00:56.98	00:58.41	01:00.11	01:03.39	01:10.16	01:13.84	01:33.49	01:57.91	02:29.32	04:25.98	
W	200M FREE	01:52.17	01:54.04	01:55.36	02:01.16	02:03.71	02:07.17	02:15.35	02:20.54	02:21.74	02:37.00	02:51.62	03:03.45	03:48.91	04:28.34	05:13.23	
M	400M FREE	04:03.63	04:07.04	04:07.64	04:20.37	04:24.37	04:32.51	04:50.41	05:04.56	05:03.36	05:40.41	06:17.36	06:40.63	08:14.50	09:40.04	11:30.53	
E	800M FREE	08:24.67	08:40.19	08:38.73	08:57.66	09:13.29	09:27.52	10:03.22	10:34.02	10:29.26	12:03.73	12:58.14	13:50.05	17:11.21	20:13.74	22:28.28	
N	1500M FREE	16:13.89	16:36.06	16:37.34	16:58.52	17:31.23	18:04.63	19:09.48	20:04.73	20:16.54	22:59.14	24:51.78	28:13.09	33:08.42	36:47.02		
S	50M BACK	00:26.68	00:27.25	00:28.04	00:28.90	00:30.24	00:30.63	00:31.52	00:33.13	00:35.13	00:37.10	00:37.51	00:40.71	00:47.70	01:03.20	01:56.25	02:05.54
L	100M BACK	00:57.45	00:58.66	01:00.95	01:02.48	01:04.69	01:07.16	01:11.39	01:14.53	01:17.68	01:24.14	01:26.00	01:36.95	01:53.67	02:30.11		04:57.01
O	200M BACK	02:05.66	02:05.62	02:13.83	02:16.40	02:22.45	02:27.01	02:37.16	02:42.56	02:51.19	03:04.42	03:10.84	03:42.35	04:12.45	05:36.88		
N	50M BREAST G	00:28.68	00:29.42	00:29.09	00:30.56	00:31.54	00:32.16	00:33.03	00:34.59	00:36.42	00:39.15	00:41.78	00:43.62	00:51.52	01:09.65	01:26.61	
W	100M BREAST	01:04.11	01:05.64	01:05.03	01:08.97	01:12.38	01:11.90	01:17.18	01:20.56	01:24.16	01:31.05	01:35.99	01:45.24	02:10.64	02:39.02	03:38.45	
W	200M BREAST	02:24.57	02:24.06	02:24.37	02:29.77	02:41.02	02:40.57	02:50.44	02:58.37	03:10.23	03:26.27	03:34.86	03:55.37	04:36.86	06:24.54	07:37.17	
C	50M FLY	00:24.88	00:25.31	00:25.93	00:26.33	00:27.12	00:27.13	00:28.22	00:30.35	00:30.81	00:33.79	00:37.57	00:42.22	00:57.93	01:26.07		
U	100M FLY	00:56.34	00:56.64	00:56.80	00:58.13	01:02.47	01:02.25	01:06.88	01:14.25	01:16.85	01:24.84	01:39.80	01:52.37	02:30.73			
R	200M FLY	02:05.25	02:03.85	02:06.74	02:09.47	02:21.84	02:26.17	02:33.48	02:56.96	03:08.79	03:22.01	03:43.56	04:11.09	05:24.28			
S	200M MEDLEY	02:07.00	02:09.69	02:14.94	02:15.53	02:22.05	02:28.70	02:32.96	02:43.81	02:49.71	03:06.43	03:24.38	03:43.82	04:40.15	06:59.87		
E	400M MEDLEY	04:31.47	04:40.22	04:46.79	04:53.03	05:09.11	05:20.78	05:35.39	06:04.99	06:05.15	06:52.07	07:21.75	08:10.67	10:28.43			
W	50M FREE	00:26.63	00:26.46	00:26.13	00:27.74	00:28.11	00:30.29	00:30.37	00:33.07	00:34.17	00:36.32	00:39.73	00:44.57	00:51.99	01:35.77	02:02.29	
W	100M FREE	00:56.30	00:57.35	00:57.71	01:00.68	01:01.76	01:06.41	01:11.18	01:12.22	01:16.26	01:20.77	01:33.87	01:42.38	02:05.74	03:24.13		
O	200M FREE	01:59.78	02:04.64	02:03.56	02:13.58	02:16.07	02:24.94	02:28.30	02:38.40	02:50.40	03:02.11	03:27.92	03:37.21	04:37.83	07:01.11		
M	400M FREE	04:24.18	04:22.70	04:24.01	04:34.83	04:49.52	05:02.82	05:15.91	05:38.06	06:00.99	06:28.81	07:13.06	07:33.69	09:34.27	14:16.35		
E	800M FREE	08:51.18	09:08.34	09:15.40	09:29.90	09:56.23	10:24.37	11:04.01	11:30.55	12:28.75	13:07.28	14:46.26	15:49.21	19:41.58	28:45.45		
N	1500M FREE	16:36.07	17:23.60	17:40.20	18:02.62	18:55.82	21:22.26	20:49.11	21:59.83	23:38.44	24:57.85	27:47.25	29:48.75	37:28.53			
S	50M BACK	00:30.32	00:30.14	00:30.94	00:31.55	00:32.39	00:34.97	00:35.82	00:38.74	00:40.48	00:42.58	00:48.06	00:55.58	01:05.17	01:18.60	02:05.36	
W	100M BACK	01:04.50	01:03.96	01:03.56	01:04.45	01:10.76	01:19.16	01:19.61	01:24.16	01:30.41	01:35.66	01:48.13	01:57.69	02:23.91	04:19.46		
H	200M BACK	02:17.86	02:16.62	02:14.10	02:34.04	02:37.35	02:48.88	02:58.47	03:05.27	03:15.72	03:27.79	03:37.79	04:04.43	04:03.55	05:13.33		
O	50M BREAST	00:33.60	00:33.13	00:34.59	00:36.13	00:37.54	00:38.48	00:38.98	00:41.74	00:43.27	00:45.26	00:49.57	01:00.96	01:09.28	01:30.58		
R	100M BREAST	01:10.71	01:11.81	01:15.65	01:18.85	01:21.88	01:24.45	01:25.92	01:32.12	01:34.93	01:42.97	01:58.76	02:16.49	02:38.75	04:05.59		
T	200M BREAST	02:37.35	02:40.08	02:43.61	02:49.01	02:54.97	03:06.63	03:08.87	03:18.34	03:25.67	03:45.96	04:20.48	04:49.62	05:59.36			
C	50M FLY	00:28.68	00:29.20	00:29.29	00:30.17	00:30.50	00:33.09	00:33.66	00:36.05	00:38.44	00:44.49	00:47.88	01:02.58	01:24.22	01:50.91		
O	100M FLY	01:01.33	01:03.80	01:03.29	01:06.86	01:07.80	01:12.66	01:18.75	01:27.45	01:33.10	01:40.20	01:56.42	02:28.34	03:20.81	04:06.32		
U	200M FLY	02:17.13	02:19.64	02:18.41	02:29.19	02:33.70	02:55.91	03:17.00	03:31.57	03:38.39	04:13.64	05:22.65	06:01.46				
S	100M MEDLEY	01:05.67	01:05.16	01:05.74	01:11.13	01:11.82	01:17.98	01:21.25	01:23.16	01:28.95	01:38.73	01:51.58	02:06.91	02:27.70	03:13.87		
E	200M MEDLEY	02:21.79	02:20.90	02:20.79	02:33.89	02:37.59	02:46.78</td										

CALENDAR OF MASTERS OPEN EVENTS NATIONAL AND INTERNATIONAL

1999

JUL 10	31. INTERNATIONAL MASTERS MEETING - Gersdorf, Germany Lothar Rauner, Weststrasse 7, D-09355 Gersdorf, Germany Tel: & Fax: +49-37203-68935	Outdoor - 50m 8 Lanes
JUL 17-18	OPEN SPANISH SUMMER CHAMPIONSHIPS - T.B.D. Federacion Espanola Natacion, c/o Juan Esplandiu 1, E-28007 Madrid, Spain Tel: +34-91-5572009 - Fax: +34-91-4097062	Outdoor - 50m 8 Lanes
JUL 31	OUT TO SWIM LONG COURSE OPEN MASTERS - London, England Philip Collins, 8 Austins Court, 1 Peckham Rye, London, SE15 3NR Tel: 0171 639 9875 - E-mail: philc@dircon.co.uk	Crystal Palace 50m
AUG	FRENCH SUMMER MASTERS CHAMPIONSHIPS - Millau, France Federation Francaise de Natation, 148 Av. Gambetta, F-75020 France Tel: +33-1-40311770 - Fax: +33-1-40311990	Outdoor - 50m 8 Lanes
AUG 19-23	USMS LONG COURSE CHAMPIONSHIPS - Minneapolis, MN USA Paul Windrath, 2612 Eunice Ave., Red Wing, MN 55066 USA	
SEP 4	MENDRISIO OPEN MASTERS MEET - Mendrisio, Switzerland Matyas Ciavadini, SN Mendrisio, C.P. 1828, CH-6850 Mendrisio, Switzerland Tel: +41.79.214600 - Fax: +41.91.6460810	Outdoors - 50m 8 Lanes
SEP 5	INTERNAT. MASTERS MEETING - Bellinzona, Switzerland Flavio Bomo, P.O. Box 1137, CH-6501 Bellinzona, Switzerland Tel: +41-91-8255324 - Fax: +41-91-8261940	Outdoors - 50m 8 Lanes
SEP 6-11	5th CAMPEONATO LATINOAMERICANO Y DEL CARIBE DE NATACION MASTER Ft. Lauderdale, Florida. David E. Morrell; P.O. Box # 40-359, Caracas, Venezuela, 1040-a - Fax: (1-58-2) 632-8111 e-mail: latycar99@cantv.net - Website : http://www.latycar.org Outdoor 2 pools long course meters, electronic timing - plus open waters (Ocean)	
SEP 15-19	MASTERS CUP "SPLIT 1700" WATER POLO - Split, Croatia Water Polo Club "Veteran 70", c/o D. Jezina, Mihanova 55, CRO-21000 Split, Croatia Tel: +385-21-358276 - Fax: +358-21-358201	Outdoor
SEP 25-OCT 3	AUSTRALIAN MASTERS GAMES - Adelaide, SA Australia GPO Box 2860, Adelaide SA 5001, Adelaide, SA Australia	
SEP 24-25	24. INTERNAT. MASTERS MEETING - Hildesheim, Germany Dieter Engelke, Wiesenstrasse 27a, D-31139 Hildesheim, Germany Tel: & Fax: +49-5121-877070	Indoors - 25m - 8 Lanes
SEP 26	17TH OPEN DUTCH MASTERS SWIMMING CHAMPIONSHIPS - Oldenzaal, Netherlands Rob Hanou, Alblasserdamstraat 36, 6843 NJ ARNHEM, the Netherlands Tel/Fax: +31-26-3812001 - e-mail: r.hanou@hetnetnl Swimming - SC Meters - Indoor - All 50's and 100's, all relays	
SEP 24-25	5TH IRISH OPEN MASTERS SWIMMING CHAMPIONSHIPS - Churchfield, Cork, Ireland Oswald Schmidt, 82 Earlwood Estate, The Lough, Cork, Ireland Tel & Fax: +353-21-968202 (night) +353-21-962268 (office) - E-Mail: deeoz@tinet.ie	
OCT 2	INTERNAT. 4-KAMPF MASTERS MEETING - Vienna, Austria Gisela Cseko, Am Schoepfwerk 26, A-1120 Vienna, Austria Tel: +43-1-6675324 - Fax: +43-1-7693955	Indoor 50m - 8 Lanes
OCT 2-3	NORDIC MASTERS OPEN CHAMPIONSHIPS - Turku, Finland Finnish Swimming Federation, Radiokatu 20, c/o Outi Kokko-Ropponen, 00240 Helsinki FIN Tel: +358 9 3481 2090 - Fax: +358 9 1481 191	Indoor - 25m - 6 Lanes

OCT 15-23 **PAN PACIFIC MASTERS CHAMPIONSHIPS - Challenge Stadium, Perth Western Australia**
Mr. Malcolm Stokes, Administrator, AUSSI Masters Swimming - WA,
PO Box 564, Claremont WA 6010 AUSTRALIA, Tel: 61 8 9387 5756 - Fax: 61 8 9387 8814

OCT 16 **20. INT. MASTERS 4, KAMPF - Meisterschaft, Switzerland**
Schwimmverein Basel, CH 4002 Basel
Tel: +41.61.3616520 - Fax: +41.61.3616518
Indoor 25m. - 5 Lanes

OCT 16-17 **LUXEMBOURG MASTERS OPEN**
Centre Sportif René Hartmann, Grand-Duché du Luxembourg - c/o Swimming Luxembourg
Olaf Châlmer, 4, av. Gaston Diderich - L-1420 Luxembourg
Tel : (352) 45 75 04 or 46 12 75 475 - Fax: (352) 47 30 78
Indoor 25 m. - 5 Lanes

OCT 22-24 **ASA MASTERS CHAMPIONSHIPS - Sheffield, England**
ASA of Great Britain, c/o Judy Mott, Harold Fern House, Derby Square, Loughborough
LE11 5AL, GB Tel: +44-1509-618728 - Fax: 44-1509-618733
Indoor - 25m. - 10 Lanes

OCT 23-24 **14. INTERNAT. MASTERS MEETING - Bregenz, Austria**
Schwimmclub Bregenz, c/o Kari Hackl, Gruenaustrasse 7, A-6912 Hoerbranz
Tel: +43-5573-83097
Indoor - 25m. - 6 Lanes

OCT 23-24 **EIS STUDIO MASTERS CUP - Pardubice, Czech Republic**
Ivan Cegan, Halubova 635, CZE-53003 Pardubice, Czech Republic
Tel: +420-40-511398 - Fax: +420-40-516802

OCT 30-31 **VI Trofeo Internazionale Masters - Saint Vincent, Italy**
Centro Nuoto Saint Vincent, c/o Pierangelo Ghibaudo, Via Trento 7, 1-11027 St. Vincent
Tel: +39-0337-230657 - Fax: +39-0166-61723
Indoor - 25m. - 8 Lanes

NOV 13-14 **FINISH LONG DISTANCE CHAMPIONSHIPS - Turku, Finland**
Finish Swimming Federation, c/o Outi Kokko-Ropponen, FIN-00093 SLU
Tel: +358-9-34812090 - Fax: +358-9-1481191
Indoor - 50m. - 8 Lanes

NOV 20-21 **INTERNAT. MASTERS MEET - Usti nad Labem, Czech Republic**
Milan Hlava, Vojnovicova 22, CZE-40001 Usti nad Labem
Tel: +420-47-66835 - Fax: +420-47-63287

DEC 18 **14TH AZC MASTERS WINTERJANGEBAAN - Apeldoorn, Netherlands**
AZC-Masters, Wijenburg 21, 7339 DH Apeldoorn
Tel: & Fax: 55-5417943
Sportfondsenbad 800m & 1500m, Indoor - 25m

2000

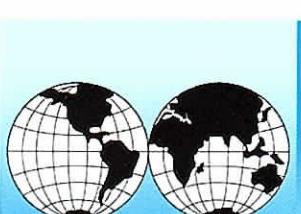
MAR/APRIL **AUSSI NATIONAL SWIM - Queensland, Australia**

MAR/APRIL **NEW ZEALAND MASTERS LONG COURSE CHAMPIONSHIPS**
Invercargill, New Zealand Splash Palace 50m Indoor Pool - Foveaux Masters Club

JUL 27-AUG 9 **VIII FINA WORLD MASTERS CHAMPIONSHIPS - Munich, Germany**

2002

OCT 06-19 **WORLD MASTERS GAMES - Melbourne, Australia**



FINA Masters News