

# FINA Masters News

December 1998 Official Newsletter of the FINA Masters Swimming Committee N° 14

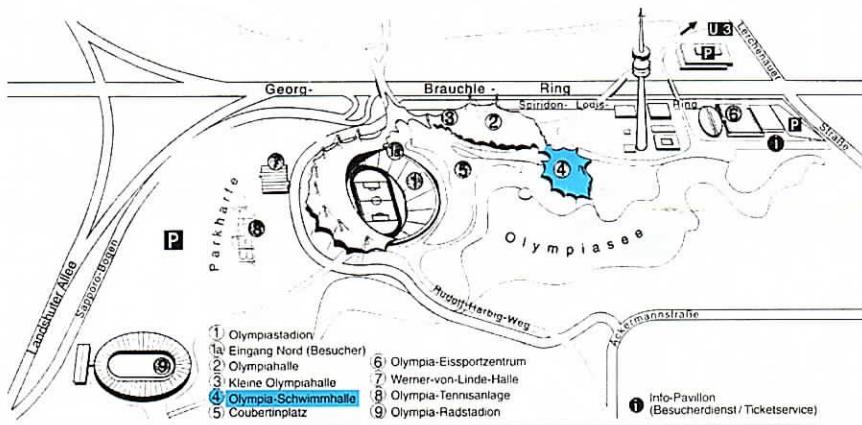
## FINA BUREAU MEETING 6-7 November 1998, Lausanne

With the occasion of FINA's 90th anniversary, the FINA Bureau held an important meeting in Lausanne. Nory Kruchten, Bureau Liaison for the FINA Masters Committee, presented his report, following the conclusion of the 7th FINA World Masters Championships in Casablanca, June 1998 and on the preparation for the next Championships in Munich 2000.

The Bureau studied the draft of the Information Brochure for the 8th FINA World Masters Swimming Championships and requested some minor changes. The brochure will be diffused in a few weeks.

The Bureau approved the FINA Masters Officials List No 3 (See inside). This list will be valid from January 1 1999 to December 31 2000.

## 8th FINA WORLD MASTERS CHAMPIONSHIP Munich will be ready



For all master swimmers, divers, long distances swimmers (25 years old or more), synchronised swimmers (20 years old or more) and water-polo players (30 years old or more) must be ready for **Munich 2000**: the next world FINA Masters rendezvous.

**Note the dates: July 27 to August 7, 2000**

**And the principal site:** the Olympic Park built for the 1972 Olympic Games and now one of the principal tourist areas in Germany.

**Chairwoman and Chairman of the Organising Committee:** Marion Hillenbrand and Klaus Huber.

The **opening ceremony** will be held on **July 28** at 22.00 hours, at the little lake next to the Olympic pool.

The **Information Brochure** will give details about the following principal sections: How to get to the Pool; Central Information Centre; Registration; Admission to the Olympic Pool; Registration Card; Official club representative/coaches; display of results;

result service and certification desk; medals; official and personal messages; monitors; lost and found; changing rooms; telephone; kindergarten/play school; fitness room/resting room; first aid and medical services; accommodation; food; banking; post office; insurance and travel costs; car rental; public transport; taxis; parking, etc.

A daily programme of entertainment is already fixed, as for example, Western and Country Evening (July 29), Bavarian Evening (July 30), Salsa and Flamenco (July 31), Taste of Opera (August 1), Musical Night (August 2), Farewell Party (August 3), Disco Night (August 4), Bavarian Beer Garden (August 5 and 6).

**Please note the official address:**

The Organising Committee  
8th FINA World Masters Championships  
Dorfstrasse 20 - D-81247 München  
Tél.: (49) 89 89 160 920  
Fax: (49) 89 89 160 921

## FUTURE WORLD MASTERS SWIMMING CHAMPIONSHIPS SPEECH BY BRUCE ROGERS

### MASTERS CONGRESS, CASABLANCA June 18, 1998

Over the past years, due to the popularity of the FINA World Masters Swimming Championships, which has resulted in an increase in both elite and non-elite participation in the discipline of swimming events, one of the major challenges which will be facing the FINA Masters Committee in future championships will be to keep the Championships from becoming a strictly elite championships or else, providing in other world type competitions an alternative participation for those competitors of non-elite status.

In the first World Masters Swimming Championships in Japan and Australia, participation of competitors in the discipline of swimming consisted of the elite competitor who made up approximately 25% of total participation in the competition, and the balance of 75% consisted of lesser elite competitors; including physical fitness and recreational oriented competitors, who also enjoyed social and family activities both at the pool (such as mixed relays) and outside the pool. In recent Championships the participation of both groups has been about equal (50% each).

3,474 swimming competitors participated in the FINA World Masters Swimming Championships which were held in Montreal, Canada in 1994. As a stop gap to partially restrain, contain, and accommodate an expected increase in participants in the World Masters Swimming Championships held in Sheffield, England in 1996, loose time standards were programmed for the 400m IM, 800m Freestyle, the 400m Freestyle and Mixed Relays were eliminated from the programme, and the schedule was increased from 6 days to 7 days duration. The facilities also consisted of a 10 lane pool. 3,837 swimming competitors participated in those Championships.

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For these Championships in Casablanca, loose qualifying standards have been added to the programme for all events 200m and over. In addition, the 400M Freestyle and Mixed Relay were added, while the Men's Relays and Women's Relays were dropped from the programme.

It is expected that if the Masters Committee use in future Championships the same programme used in Casablanca, the number of participants who will be competing in future championships will probably

double the number of competitors who participated at Sheffield. It is expected that further restrictions or changes will have to be made to the programme at this future Championships. If these restrictions or changes include any addition of quality standards in other events not included in Casablanca, and if the standards of Casablanca are tightened for future Championships, the future Championships could develop into strictly elite Championships. In order for both the current elite and non-elite competitor to be able to continue to participate in some type of

World competition, some creative recommendations must come forward. One far out suggestion would be to hold the FINA World Masters Swimming Championships for elite swimmers every two years, and to hold another world level competition (perhaps FINA World Masters Swimming Cup) for non-elite competition each alternate year.

I challenge you, the Federations, to submit recommendations and opinions that you might have on the subject to the Masters Committee through the FINA Office

## FINA MASTERS SWIMMING OFFICIALS LIST N° 3

**Effective from 1/1/1999 to 31/12/2002**

ANT	C. F. L. EDWARDS	Open Water Swimming
AUS	Dr. Kay COX	Swimming & Open Water Swimming
AUS	Gary HOFF	Swimming
AZE	Vaguif NASSIBOV	Swimming
CHN	Chen SHOUMAN	Swimming
CHN	Cai ZHUOMING	Swimming
CZE	Jiri KALHOUS	Swimming & Open Water Swimming
FIN	Marja STROMSHOLM	Diving
FIN	Jari KOMULANEN	Diving
GBR	Alan BARTLETT	Swimming
GBR	Dr. John COOPER	Swimming
GBR	Robert JARMAN	Swimming

GBR	William MURDOCH	Swimming
GBR	Tadeusz S. DETKO	Water Polo
GBR	A. G. GARROW	Water Polo
GBR	Rita G. BACON	Open Water Swimming
GBR	Peter J. BIRCHMORE	Open Water Swimming
GBR	Lynne PITFIELD	Synchronized Swimming
GBR	Allison PRATT	Synchronized Swimming
GER	Günter ACHATZ	Swimming
GER	Holger R. ERDNISS	Swimming
GER	Harald HOFFMANN	Swimming
GER	Dr. Jörg SCHOLTISSEK	Swimming
GER	Horst KRUSE	Open Water Swimming
GER	Armin HAUCK	Water Polo
GER	Dieter ROHBECK	Water Polo
GER	I. HOHLSTEIN	Synchronized Swimming
GER	Barbara RAUSCHER	Synchronized Swimming
IND	Raj KUMAR	Swimming

IND	I. NANAVATI	Swimming
IND	Vyas MAYUR	Diving
IND	H. G. Bhagat	Diving
ISL	S. BENONYSSON	Swimming
ISL	A. H. GUAMUNDSSON	Swimming
MGL	Radnaa BADRAKH	Swimming
NOR	Arne TELLEFSEN	Diving
NZL	J. H. OVERWATER	Swimming
NZL	Bruce PARR	Swimming
RSA	A. HARROP-ALLIN	Swimming
RSA	Lina WOODARD	Diving
RSA	Terri WULFSOHN	Synchronized Swimming
RSA	Lynette FOLEY	Synchronized Swimming
SUI	Martin STRUPLER	Diving
SUI	R. FLOTRON	Synchronized Swimming
SUI	Nina BRENNWALD	Synchronized Swimming
SUI	B. BRENNWALD	Synchronized Swimming

## GUIDE FOR THE CONDUCT OF MASTERS SWIMMING EVENTS

The new edition of this Guide is in preparation. A new draft will be prepared for discussion at the 1999 meeting of the FINA Masters Committee.

### TOP TEN

Walt Reid, FINA Masters Recorder announced that last year 20 countries had contributed to the compilation of the Top Ten Tabulation.

The last FINA Masters Committee reviewed the basis for computing relay results for the Top Ten. Currently a club can enter more than one team in an age group, as long as each team has at least one different swimmer. In future, for a club to have more than one team entered in the Top Ten results, each additional team must not have any swimmer in the first or other teams.

### WORLD RECORDS

The FINA Masters Committee reviewed the application form for Masters World Records. The 60-day rule for receipt of the application and documents continues to apply and only up to four weeks may be allowed for receipt of missing documentation.

### FINA MASTERS and INTERNET

Additional information on Masters will be soon included in the FINA Website: the Top Ten Tabulations, the results of the FINA World Masters Championships etc.

### NEXT MEETING

The FINA Masters Committee Meeting will be held on June 11 and 12 1999 in Munich (GER), following an invitation from the Organising Committee for the 8th World FINA Masters Championships 2000.

## HISTORY OF FINA MASTERS SOME FACTS

**by June Krauser**

**1972** - In the USA, Masters swimming became an organised AAU programme on January 1, 1972. Dr Harold Henning (USA), President of FINA from 1972 to 1976, helped to get Masters Swimming into the FINA Handbook.

**1978** - The FINA Handbook had a section on Masters Swimming under the General Rule 11. This allowed a Federation to organise and administer a program of competition with regulations and for a minimum age of 25. Members of this group could include amateurs no longer engaged in amateur competition and professionals. Any amateur 24 years or younger who competed in Masters would forfeit his amateur status. International competitions were not permitted.

**1980** - The Masters section in the FINA Handbook had one change - International competition would be allowed according to GR 4.3.

**1983** - New Zealand Masters wanted to host the 1st World Championships in 1984. The organisers were promoting it as a World event, to which FINA objected. The organisers would have lost their principal sponsor and so called it international to keep the peace.

**1984** - Masters Swimming International (MSI) held their first formal meeting during the NZ event.

**1984-1986** - The FINA Masters rules were again amended to allow amateur swimmers registering in Masters, to retain their right to compete in amateur competition.

**1984-1988** - Bob Helmick (USA) was President of FINA. He appointed a Masters Commission to study the needs and future of Masters sports within the world.

**1985** - The two world organisations for Masters (FINA & MSI) formed the Pasadena Agreement.

**1986** - The FINA Handbook found an enlarged section on Masters Rules not in the General Rules. The 1st FINA/MSI World Championships were held in Tokyo (JPN). The Masters Commission recommended a 5th Technical Committee within FINA for Masters.

**1988** - The FINA Masters Committee was made up of six persons from MSI and six other personalities. The 2nd FINA/MSI World Championships were held in Brisbane (AUS).

**1990** - The 3rd FINA/MSI World Championships were held in Rio de Janeiro (BRA).

**1991** - The 1st FINA Masters Technical Congress was held in Perth (AUS). This is where the Masters Committee presented all of the rule changes to the current Masters Rules. MSI was allowed to send two delegates to lend discussion to the swimming rules only. In the 1991-1992 FINA Handbook the restriction for those under 25 competing in Masters competition to forfeit his/her amateur status was removed.

**1992** - The previous Pasadena Agreement between FINA and MSA was dissolved. FINA was now solely responsible for the conduct of Masters Swimming. The 4th FINA World Masters Championships were conducted in Indianapolis (USA).

**1994** - Montreal (CAN) held the 5th FINA World Masters Championships and also the 2nd FINA Masters Technical Congress. This was the year the Age determining date for swimming was changed to Dec. 31 of the year of competition.

**1996** - The 6th FINA World Masters Championships were held in Sheffield (GBR). Also held was the first Masters Forum, where Masters from around the world could express their concerns over decisions affecting Masters. The Forum would be held every four years.

**1998** - The 7th FINA World Masters Championships were held in Casablanca (MAR) along with the 2nd FINA Masters Technical Congress.

**IN NEXT ISSUE** we will publish some facts about the National Masters swimming history, particularly with an article on New Zealand presented by Lyall Mortimer, Member of the FINA Masters Technical Committee, as well as some text about South America, South Africa, Australia, Bulgaria, Canada and Germany.

## PEOPLE

**CORRECTIONS** - With deepest regret, we left out four swimmers winning all five of their events in Casablanca in the FINA Masters News No 13. They are:

Karen Bendsten (DEN, 65-69)  
 Gertrude Meerwald (GER, 75-79)  
 Hannelore Roesel (GER, 55-59)  
 Paul Blackbeard (GBR, 40-44).

**LEN MASTERS COMMITTEE** - The Chairman of the LEN Masters Committee, Arthur Knudsen, from Norway, and Douglas Scales from Great Britain as Member, retired after the four-year period of the Standing Committee in May. Both have done a lot of work in the Committee over eight years, since the LEN Masters Committee was introduced in 1990.

**TOM LANE, A LEGEND** - Tom Lane (USA, from San Diego), the oldest competitor in Masters swimming history, died in August of Pneumonia at the age of 103. Lane, who set three world records in the 100-104 age group, is the only centenarian who raced in USMS meets and participated in the FINA World Masters Championships in 1996 in Sheffield.

**TONY WARN** - Most active at the World Masters Championships held in Sheffield, Tony Warn (60 years, GBR) died last year while walking on the beach at Southbend.

## NEWS BRIEFS

**FROM AUSTRALIA** - The 1998 Aussi Masters LC Championships were held in Hobart, the capital city of Tasmania. The championships attracted some

435 athletes from 77 AUSSI clubs as well as swimmers from New Zealand, USA and Ukraine. The standard of swimming was high with 30 AUSSI national records being broken.

**FROM BRAZIL** - Nearly 200 Brazilian Masters swimmers took part in the "2nd Curitiba Masters "Mais Mais". "Mais" means "more" in English and so it was a meet for swimmers who were 50 and over. After the first days' events and lunch, there was a lecture on Hydration. On the next day there was a lecture on what swimmers should eat before, during and after racing. All participants elected two outstanding swimmers, one female, Lourdes Santos Lima, and one male, Aldo Manfroi.

**FROM CANADA** - Hosted by the Edmonton Masters SC at the 1978 Commonwealth Games pool, 523 swimmers entered in the Canadian LC Championships. They were representing 103 clubs from ALL provinces as well as four from the USA. Masters Swimming Canada has a web site at: <http://home.istar.canswim>

**FROM EUROPE** - The next European Masters Championships will be hosted by Austria in Innsbruck from 25 to 29 August 1999.

Sergei Fesenko (UKR) has been appointed as the recorder for LC Masters records.

**FROM GREAT BRITAIN** - An interesting suggestion was made at a Masters event to commemorate the millennium. It might, for example, be the ASA Nationals or the GB Championships, held at the same time in five or six different venues around the UK and linked electronically so that the results of each event would be determined from the fastest swimmers from all venues. This would insure a massive entry, as those who do not travel to major championships because of various reasons, could compete at a regional venue against the best in the country.

**FROM PUERTO RICO** - The Puerto Rico Masters Swimmers League invites all Masters to its Short Course Championships scheduled for May 1-2, 1999. For information please fax (1-787) 758-3858.

**FROM SOUTH AFRICA** - The 15th South African Masters Swimming Championships will be held in

East London, a port city situated on the scenic east coast of South Africa from March 18-20 1999 with the opening ceremony on the 17th and a sea swim on the 21st. SA Masters has a web site: [www.unisys.co.za/mastersswim](http://www.unisys.co.za/mastersswim).

**FROM USA** - The US Masters Swimming convention was held in Cincinnati, Ohio, September 30 - Oct. 4, 1998, in conjunction with the US Aquatic Sports convention. June Krauser gave a history of FINA Masters. Many items can be found on the web site: [www.usms.org](http://www.usms.org)

- The USMS has 38.000 registered Masters swimmers!
- The 5th Latin American & Caribbean Masters Swimming Championships will be held in Ft. Lauderdale, Florida, at the International Swimming Hall of Fame Pool, September 6-11, 1999. Information available on the Internet at [www.latycar.org](http://www.latycar.org)

## SWIMMERS OF THE YEAR

**IN AUSTRALIA** - Peter Gilmour (55-59 yrs), of Ryde Aussi, the first "Masters Athlete of the Year". His world record swim in the 200m butterfly was faster than the national record he set in 1988 as a 45-year old.

**IN GERMANY** - They are six: Brigitte Merten (50-54 yrs), Berlin, Hannalore Roesel (55-59), Altena, Monika Senftleben (55-59), Berlin, Richard Reinstadtler (85-89), Duesseldorf,

**IN USA** - The Top Ten Masters Swimmers of '97 as selected by a SWI Magazine's expert panel:

**Karlyn Pipes-Neilsen** (30-34 yrs and 35-39), Bakersfield, CA, **Jack Geoghegan** (55-59, Rye, New York, **Laura Val** (45-49), Santa Clara, California, **Graham Johnston** (65-69) Houston, Texas, **June Krauser** (70-74), Fort Lauderdale, Florida, **Jeff Farrell** (60-64), Santa Barbara, California, **Marjorie Sharpe** (80-84), Redwood City, California, **Ron Karnaugh** (30-34), Philadelphia, Pennsylvania, **Ardeth Mueller** (55-59), Manchester, Missouri, **Anton Cerer** (80-84), Cleveland, Ohio

## NOTICES

### OTHERS MASTERS PUBLICATIONS

- **GUIDE FOR THE CONDUCT OF MASTERS SWIMMING EVENTS** (November 1994) US Dollars 7.-
- **MASTERS SWIMMING WORLD TOP TEN TABULATION 1997** - 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 (1997) for use in conjunction with the Top Ten is also available at \$3.00 (US).

### NEXT FINA MASTERS NEWS

Number 15 will be published in June 1999, after the next meeting of the FINA Masters Committee.

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) 312 6602  
 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

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**FINA Masters World Records - WOMEN'S LONG COURSE - Dated 1st November 1998**

World Record Holders - Women's Swimming																								
Event	Name	Nationality	100m Freestyle		200m Freestyle		400m Freestyle		800m Freestyle		1500m Freestyle		4x100m Medley Relay		4x200m Medley Relay									
			Time	Year	Time	Year	Time	Year	Time	Year	Time	Year	Time	Year	Time	Year								
FREE 50 metres	Alison Sheppard	S. Neilson-Bell	Tracie Moll	USA 88 26.20	S. Neilson-Bell	Tracie Moll	USA 98 26.75	S. Neilson-Bell	Jackie Hirsty	USA 98 27.39	Ardeth Mueller	USA 93 28.30	Jayne Bruner	USA 94 33.11	Gail Roper	USA 96 34.17								
100 metres	Alison Sheppard	S. Neilson-Bell	Tracie Moll	USA 88 58.22	S. Neilson-Bell	K. Pipes-Nielsen	USA 98 58.38	S. Neilson-Bell	Carol Fellows	GBR 95 1.07.34	Yoshiko Osaki	JPN 93 1.11.01	Clara Walker	J. Drake-Brockman AUS 96 1.21.57	Ume Wada	JPN 94 41.31								
200 metres	Sara Shand	Beth Knight	K. Pipes-Nielsen	USA 89 2.07.11	Sara Shand	K. Pipes-Nielsen	USA 97 2.06.94	S. Heim-Bowen	Laura Val	USA 94 2.14.97	Ardeth Mueller	USA 93 2.29.22	Lavelle Steinoff	USA 92 2.34.88	Clara Walker	J. Drake-Brockman AUS 96 1.39.30	Ume Wada	JPN 97 2.00.66						
400 metres	Sara Shand	K. Pipes-Nielsen	K. Pipes-Nielsen	USA 89 4.27.53	Sara Shand	K. Pipes-Nielsen	USA 97 4.28.76	S. Heim-Bowen	Laura Val	USA 98 4.42.71	Dianne Foster	CAN 98 5.12.02	Yoshiko Osaki	JPN 98 5.25.59	Clara Walker	J. Drake-Brockman AUS 96 1.43.92	Ume Wada	JPN 96 4.26.52						
800 metres	Eva Mortensen	Lynn Marshall	K. Pipes-Nielsen	USA 97 9.17.09	Eva Mortensen	K. Pines-Nielsen	USA 97 9.16.20	S. Heim-Bowen	Laura Val	USA 98 9.37.13	Dianne Foster	CAN 98 10.36.52	Yoshiko Osaki	JPN 98 11.15.07	Margery Meyer	USA 97 12.01.79	Marjorie Sharpe	USA 97 12.56.31	Aileen Soule	JPN 97 9.31.21				
1500 metres	Amy Pope	Karen Burton	Penny Bond	USA 88 17.38.78	Amy Pope	S. Heim-Bowen	USA 98 17.55.34	S. Heim-Bowen	Laura Val	USA 98 19.26.97	Ardeth Mueller	USA 91 21.02.46	Lavelle Steinoff	USA 98 22.50.81	Margery Meyer	USA 98 23.42.01	Rita Simonton	USA 97 23.83.34	Maxine Merlino	USA 97 23.80.39				
BACK	Kaoru Ono	D. Gruber-Gallas	Pascale Verbaumen	BEL 98 30.73	Kaoru Ono	D. Gruber-Gallas	K. Pipes-Nielsen	USA 96 1.05.42	Laura Val	USA 94 32.93	Saiko Takeuiji	JPN 92 34.67	Betsy Jordan	Clara Walker	Willy Van Ryssel	AUS 89 53.73	Aileen Soule	CAN 98 1.03.49	Mary M. Anderson	CAN 98 1.57.79				
50 metres																								
100 metres	Alison Sheppard	GBR 98 1.05.02	GBR 98 1.05.42	Alison Sheppard	GBR 98 1.05.02	Alison Sheppard	GBR 98 1.05.42	K. Pipes-Nielsen	USA 96 1.06.29	Laura Val	USA 97 1.11.03	Saiko Takeuiji	JPN 95 1.18.86	Betsy Jordan	USA 97 1.24.45	Doris Steadman	USA 95 1.31.58	Bunny Cedlund	USA 97 1.46.70	Aileen Soule	ISR 98 2.00.39	Mary M. Anderson	CAN 98 2.23.23	
200 metres	Diane Graer	K. Pines-Nielsen	K. Pines-Nielsen	USA 89 2.19.97	Diane Graer	K. Pines-Nielsen	USA 96 2.18.98	B. Buzureau	Cecilia McCloskey	FRB 94 242.60	Saiko Takeuiji	JPN 92 251.11	Betsy Jordan	USA 96 3.06.23	Doris Steadman	J. Drake-Brockman AUS 96 3.57.14	Edith Thein	ISR 98 4.12.86	Aileen Soule	ISR 98 4.47.82	Aileen Soule	USA 97 5.29.07		
BREAST	S. Seminatore	M. Mohrmann	L. Wetzel-Osborne	GER 88 32.01	M. Mohrmann	L. Wetzel-Osborne	Dagmar Hilbig	GER 98 34.56	Susan Roy	Jan Macleod	Monika Semtlenben	GER 98 39.43	Jayne Bruner	GER 98 41.43	Regan Kemer	Dorothy Weston GBR 93 52.03	Willy Wright	GBR 91 46.64	Aileen Soule	USA 91 58.42	Mary M. Anderson	CAN 98 1.03.49		
50 metres	Charlene Mustard	GBR 96 1.15.31	GBR 96 1.14.52	Charlene Mustard	GBR 96 1.15.31	Charlene Mustard	GBR 96 1.17.44	Susan Roy	Susan Roy	Shirley Turner	Hannalore Roese	Jayne Bruner	USA 96 1.34.12	Edith Boehm	GER 98 1.39.51	Regan Kemer	A. Leene-Rodan NZL 98 1.44.09	Edith Thein	ISR 98 2.00.39	Aileen Soule	ISR 98 2.13.13	Mary M. Anderson	CAN 98 4.16.79	
100 metres	Sharon Davies	Hedda Koshimizu	Dagnia Hilbig	GER 95 2.42.02	Sharon Davies	Hedda Koshimizu	Dagnia Hilbig	GER 96 2.50.66	Ulrike Urbanak	GER 98 2.57.38	Saboko Takeuiji	JPN 97 2.56.13	Betsy Jordan	USA 96 3.06.23	Edith Boehm	GER 98 3.28.69	Regan Kemer	GER 98 3.56.03	Edith Thein	ISR 98 4.12.86	Aileen Soule	ISR 98 4.47.82	Aileen Soule	USA 97 5.29.07
200 metres	Maria Parssinen	Tracie Moll	Tracie Moll	FIN 97 28.09	Maria Parssinen	Tracie Moll	Tracie Moll	USA 97 28.77	Laura Val	Ardeth Mueller	Gail Roper	USA 95 31.69	Jayne Bruner	GER 94 35.29	Regan Kemer	Dorothy Weston GBR 93 45.11	Willy Wright	GBR 91 46.64	Aileen Soule	USA 91 58.42	Mary M. Anderson	CAN 98 1.03.49		
FLY	Rosemarie Seaman	P. Verhaegen	Tracie Moll	USA 87 1.03.91	Rosemarie Seaman	P. Verhaegen	Tracie Moll	USA 98 1.03.33	Laura Val	Ardeth Mueller	Gail Roper	USA 95 31.69	Jayne Bruner	GER 98 37.39	Regan Kemer	Dorothy Weston GBR 93 52.03	Willy Wright	GBR 91 46.64	Aileen Soule	ISR 98 58.42	Mary M. Anderson	CAN 98 1.03.49		
50 metres	S. Palmer White	K. Pines-Nielsen	K. Pines-Nielsen	USA 96 2.20.12	S. Palmer White	K. Pines-Nielsen	K. Pines-Nielsen	USA 97 2.20.21	Laura Val	Ardeth Mueller	Gail Roper	USA 95 2.31.37	Jayne Bruner	GER 96 2.52.11	Regan Kemer	Dorothy Weston GBR 93 52.03	Willy Wright	GBR 91 46.64	Aileen Soule	ISR 98 58.42	Mary M. Anderson	CAN 98 1.03.49		
100 metres	Sharon Davies	K. Pines-Nielsen	K. Pines-Nielsen	AUS 92 2.18.69	Sharon Davies	K. Pines-Nielsen	K. Pines-Nielsen	USA 97 2.20.21	Laura Val	Danielle Oijer	Yoshiko Osaki	JPN 95 2.59.15	Jayne Bruner	GER 96 3.07.19	Regan Kemer	Dorothy Weston GBR 93 52.03	Willy Wright	GBR 91 46.64	Aileen Soule	ISR 98 58.42	Mary M. Anderson	CAN 98 1.03.49		
200 metres	Sharon Davies	K. Pines-Nielsen	K. Pines-Nielsen	GBR 90 2.22.00	Sharon Davies	K. Pines-Nielsen	K. Pines-Nielsen	USA 97 2.25.68	Laura Val	Danielle Oijer	Yoshiko Osaki	JPN 93 6.18.94	Jayne Bruner	GER 96 6.57.33	Regan Kemer	Dorothy Weston GBR 93 5.39.70	Willy Wright	GBR 91 7.06.75	Aileen Soule	ISR 98 7.30.91	Mary M. Anderson	CAN 98 10.05.13		
MEDLEY	200 metres	Sharon Davies	K. Pines-Nielsen	K. Pines-Nielsen	K. Pines-Nielsen	K. Pines-Nielsen	K. Pines-Nielsen	K. Pines-Nielsen	S. Neilson-Bell	Danielle Oijer	Yoshiko Osaki	JPN 95 6.57.33	Regan Kemer	Catherine Kerr	Maria Lenk	Maxine Merlino	Anna Bauscher	Anna Bauscher	Mary M. Anderson	CAN 98 5.27.56				
400 metres	Sharon Davies	Hidaka Koshimizu	JPN 95 5.05.05	Sharon Davies	Hidaka Koshimizu	K. Pines-Nielsen	K. Pines-Nielsen	K. Pines-Nielsen	USA 97 5.07.21	Laura Val	Danielle Oijer	Yoshiko Osaki	JPN 93 6.18.94	Jayne Bruner	GER 96 6.57.33	Regan Kemer	Catherine Kerr	GBR 96 5.41.09	Regan Kemer	GBR 96 5.41.90	Anna Bauscher	CAN 98 5.27.56		

## FINA Masters World Records - MEN'S LONG COURSE - Dated 1st November 1998

	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	Rowdy Gaines JPN 94 24.25	Brent Barnes USA 94 25.18	Terry Downes RSA 94 23.20	Richard Abrahams USA 96 24.60	Steve Clark USA 98 26.33	Jeff Farrell USA 98 26.70	Ronald Johnson USA 98 28.44	Kelley Lemonn USA 84 29.35	Keiji Nakamura JPN 98 32.07	W Bowerstock USA 93 33.88	Gus Langner USA 93 35.77	Gus Langner USA 98 48.70	Gus Langner USA 98 56.51	Tom Lane USA 94 205.49
100 metres	Jim Montgomery USA 81 51.25	Rowdy Gaines USA 91 51.50	Rowdy Gaines USA 95 51.49	Jack Goseille USA 96 55.66	Terry Downes RSA 94 55.78	Richard Abrahams USA 98 56.98	Timothy Barton USA 98 58.41	Jeff Farrell USA 98 100.11	Roberto Albericke ESP 96 1.03.39	Frank Piemme USA 95 1.10.16	Ray Taft USA 95 1.13.84	Hikaji Ueki JPN 95 1.19.28	Gus Langner USA 93 1.34.49	Gus Langner USA 98 1.57.91	Gus Langner USA 98 2.29.32	Tom Lane USA 95 4.25.98
200 metres	John Keppler USA 92 1:52.17	Rowdy Gaines USA 90 1:54.04	Rowdy Gaines JPN 94 1:55.36	Hess Yntema USA 95 201.16	Tim Bodenick USA 96 203.71	Fred Schlicher USA 98 207.17	Kele Lodwig USA 98 215.35	Jeff Farrell USA 98 220.54	Roberto Albericke ESP 96 22.74	William Phillips USA 98 237.00	Ray Taft USA 95 25.162	Hikaji Ueki JPN 95 26.512	Gus Langner USA 93 30.345	Gus Langner USA 98 34.891	Gus Langner USA 98 42.834	Gus Langner USA 98 51.13.23
400 metres	Alex Kosch USA 97 4:03.63	Rowdy Gaines USA 93 4:07.04	Rowdy Gaines JPN 94 4:07.64	Hess Yntema USA 96 4:20.37	Tim Bodenick USA 96 4:24.37	R. Tod Speiker USA 98 4:32.51	Sandy Gately GB 98 4:50.41	R. Tod Speiker USA 98 5:04.56	Graham Johnston USA 96 5:03.36	Graham Johnston USA 95 5:04.56	William Phillips USA 98 5:40.41	Domei Suzuki JPN 96 6:17.36	Hikaji Ueki JPN 95 6:40.53	Alfredo Cherchi AUS 97 8:14.50	Alfredo Cherchi AUS 97 9:40.04	Gus Langner USA 98 11:30.53
800 metres	Alex Kosch USA 97 8:24.67	Rowdy Gaines USA 93 8:40.19	Rowdy Gaines USA 95 8:57.66	Hess Yntema USA 95 9:13.29	Todd Bryan USA 98 9:27.52	R. Tod Speiker USA 98 10:03.22	Sandy Gately GB 98 10:22.88	Graham Johnston USA 96 10:34.02	Graham Johnston USA 95 10:29.26	Frank Piemme USA 95 12:03.73	Ray Taft USA 95 12:58.14	Nobert Atus CAN 94 12:58.14	Gus Langner USA 93 13:50.05	Gus Langner USA 93 17:11.21	Gus Langner USA 98 20:13.74	Gus Langner USA 98 22:28.28
1500 metres	Alex Kosch USA 97 16:13.89	Bobby Patten USA 93 16:36.06	Rowdy Gaines USA 94 16:58.52	Hess Yntema USA 96 17:31.23	Todd Bryan USA 98 18:04.63	R. Tod Speiker USA 98 18:04.63	Sandy Gately GB 97 19:09.48	Graham Johnston USA 96 20:04.73	Graham Johnston USA 95 20:16.54	Roger Franks USA 95 22:59.14	Domei Suzuki JPN 95 24:51.78	Aldo da Rosa USA 98 28:13.99	Gus Langner USA 93 30.08.42	Gus Langner USA 93 36:47.02	Gus Langner USA 98 37.51	
BACK																
50 metres	Martin Harris GBR 94 26.68	Sean Murphy USA 94 27.26	Thompson Mann USA 94 28.04	William Specht USA 98 28.90	Richard Bober USA 96 30.30	Hugh Wilder USA 97 30.63	Robert Smith USA 98 31.52	Yoshi Okakawa USA 94 33.13	S. Sakaiwa JPN 98 35.13	Paul Hufinger USA 95 37.10	Keiji Nakamura JPN 98 37.51	Shoichi Sakamoto JPN 98 40.71	R. Reinhardt GER 97 47.70	Jim Penfield USA 98 1:03.20	Tom Lane USA 95 2:05.54	
100 metres	Jon Winter NZL 97 57.45	Sean Murphy USA 94 58.66	William Specht USA 93 1:00.95	William Specht USA 98 1:02.48	Eddie Riach GBR 98 1:04.69	Hugh Wilder USA 97 1:07.16	Richard Burns USA 96 1:11.39	Yoshi Okakawa USA 94 1:14.72	Yoshi Okakawa USA 98 1:17.68	Paul Hufinger USA 95 1:24.14	Keiji Nakamura JPN 98 1:26.00	Goro Kobayashi JPN 98 1:26.00	R. Reinhardt GER 97 1:36.95	Jim Penfield USA 98 1:53.67	Tom Lane USA 94 4:57.01	
200 metres	Martin Harris GBR 94 2:05.86	Sean Murphy USA 94 2:05.62	Tan Wolf USA 90 2:13.83	William Specht USA 98 2:16.40	Eddie Riach GBR 98 2:22.45	Barry Young NZL 94 2:27.01	Donald Brown USA 93 2:37.16	S. Sakikawa JPN 98 2:45.93	Roger Franks USA 97 2:51.19	Roger Franks USA 97 3:04.42	Goro Kobayashi JPN 98 3:04.42	Aldo da Rosa USA 98 3:04.42	Gus Langner USA 93 3:10.54	Gus Langner USA 93 4:12.45	Gus Langner USA 95 5:36.88	
BREAST																
50 metres	James Parrack GBR 96 28.68	David Gaffney USA 92 29.42	Wally Dicks Glen Christiansen USA 98 29.09	William Specht SWI 98 30.56	C. Mittenberger USA 98 31.54	Hiroshi Koegawa USA 98 32.16	Auto Sugiyama USA 98 33.03	Manuel Sanguiy USA 98 34.59	Toshio Tajima JPN 95 36.42	Hiromu Yoshihimoto JPN 95 38.15	Y. Miyamoto JPN 90 42.58	Karl Wittenberg JPN 98 42.58	Hans Paul GER 95 51.52	Hans Paul GER 98 1:09.65	Gus Langner USA 98 1:26.61	
100 metres	James Parrack GBR 96 1:04.11	Seth Van Needen USA 98 1:05.64	Wally Dicks USA 98 1:05.03	Ron Schaefer USA 98 1:08.97	Timothy Shead RSA 97 1:12.38	Robert Strand USA 98 1:11.90	John Korthauer USA 88 1:17.87	Thomas Walker GBR 96 1:20.56	Manuel Sanguiy USA 98 1:24.16	Robert Persoffi GER 96 1:24.61	Augusto Romano ITA 93 1:31.05	Y. Miyamoto JPN 97 1:37.55	Mituo Shimo JPN 97 1:45.24	Mituo Shimo JPN 97 2:10.64	Hans Paul GER 98 2:39.02	
200 metres	Eita Isumura JPN 98 2:26.01	David Lundberg USA 91 2:24.06	David Guthrie USA 95 2:24.37	Ron Schaefer USA 98 2:29.77	Gerhard Preiner GFR 94 2:41.02	William Gonzalez USA 96 2:40.57	Thomas Walker GBR 96 2:50.44	Ronald Johnson USA 98 2:58.37	Karl-Heinz Knops GER 96 3:10.23	Augusto Romano ITA 94 3:26.27	Harold Perry ITA 98 3:34.86	Augusto Romano ITA 98 3:56.37	Gus Langner USA 96 4:36.86	Gus Langner USA 93 6:24.54		
FLY																
50 metres	Jon Winter NZL 98 24.88	Mike Bottom USA 88 25.31	Michael Bottom USA 93 25.93	William Specht USA 93 26.33	Dan Thompson USA 93 27.12	Richard Abrahams USA 98 27.13	Bob Balie USA 98 28.22	Manuel Sanguiy USA 98 30.35	Ronald Johnson USA 98 30.81	Frank Piemme USA 96 33.79	Y. Miyamoto JPN 98 37.57	Jesse Conn JPN 98 42.22	Jesse Conn JPN 98 57.93	Jesse Conn USA 96 1:26.07		
100 metres	Mike Bottom USA 84 56.34	Mike Bottom USA 88 56.64	Jeff Stuart USA 96 56.60	William Specht USA 98 58.13	Boo Gruber-Gallas USA 96 1:02.47	Boo Gruber-Gallas USA 97 1:06.88	Robert Poileman USA 98 1:14.25	Thomas Walker USA 97 1:16.85	Ronald Johnson USA 98 1:16.85	Anton Cefer USA 92 1:24.84	Anton Cefer USA 92 1:39.80	Anton Cefer USA 92 1:45.27	Anton Cefer USA 92 1:52.37	Anton Cefer USA 92 2:30.73		
200 metres	M. Lukášek TCH 84 2:05.25	Bobby Patten USA 95 2:03.85	Jeff Stuart USA 96 2:06.74	William Specht USA 98 2:09.47	Boo Gruber-Gallas USA 96 2:21.84	Boo Gruber-Gallas USA 97 2:26.17	Robert Poileman USA 98 2:33.48	Valentin Weber USA 91 2:56.96	Joseph Kurtzman USA 91 3:08.79	Anton Cefer USA 92 3:22.01	Anton Cefer USA 92 3:43.56	Anton Cefer USA 92 4:11.09	Anton Cefer USA 92 5:24.28	Anton Cefer USA 92 6:24.54		
MEDELY																
200 metres	Nicolas Granger FRA 94 2:07.00	David Lundberg Danisz Wolny POL 98 2:09.69	Danisz Wolny POL 98 2:14.94	James Sorenson USA 98 2:15.53	Richard Abrahams USA 98 2:27.06	Kele Lodwig USA 98 2:32.96	Bob Balie USA 98 2:46.41	Roberto Albericke ESP 96 2:49.71	Jesus Dominguez ESP 96 3:06.43	Ray Taft USA 94 3:24.38	Ado da Rosa USA 98 3:43.82	Frank Griffiths AUS 93 4:40.15	Frank Griffiths AUS 93 5:59.87	Frank Griffiths AUS 94 6:10.67		
400 metres	Nicolas Granger FRA 94 4:31.47	Sean Murphy USA 94 4:40.22	Sean Murphy USA 95 4:46.79	Danisz Wolny POL 98 4:53.03	Hess Yntema USA 95 5:09.11	Tim Bodenick USA 96 5:20.78	John Calvert GBR 98 5:36.39	William Gonzalez USA 97 5:36.39	Graham Johnston USA 91 6:04.99	Frank Piemme USA 95 6:05.15	Ray Taft USA 95 6:52.07	Ado da Rosa USA 97 7:21.75	Ado da Rosa USA 97 8:10.67	Ado da Rosa USA 97 10:28.43		

**WOMEN'S SHORT COURSE - Dated 1st November 1998**

40-44 years												
30-34 years						35-39 years						
25-29 years		30-34 years		35-39 years		40-44 years		30-34 years		35-39 years		
FREE		Hagenaard/Schubert	Anna Petits-Scott	Sandy Nelson-Bell	Laura Val	Suzana Bakker	Ardeth Mueller	Jayne Butner	Clara Walker	Gail Roger	Julia Dolce	
50 metres		USA 97 26.63	USA 93 26.46	USA 95 27.74	USA 96 28.11	USA 95 30.30	ESP 95 30.37	USA 95 33.07	USA 96 36.32	USA 96 34.17	USA 95 51.99	
100 metres		Sheila Taormina USA 96 56.30	Sandy Nelson USA 88	Sandy Nelson-Bell	Laura Val	Laura Val	Ardeth Mueller	Yoshiko Osaki	Clara Walker	Gail Roger	Julia Dolce	
200 metres		Sheila Taormina USA 96 4.24.18	K. Pipes-Neilsen	K. Pipes-Neilsen	Jenny Whitley	Laura Val	Dianne Foster	Ardeth Mueller	Yoshiko Osaki	Jane Asper	Margie Meyer	
400 metres		Sheila Taormina USA 96 8.51.18	K. Pipes-Neilsen	K. Pipes-Neilsen	AUS 96	Laura Val	Dianne Foster	CAN 98 5.07.78	JPN 98 2.38.40	GBR 97 2.50.40	Julie Sharpe	
800 metres		Sheila Taormina USA 96 159.78	K. Pipes-Neilsen	K. Pipes-Neilsen	AUS 96	Laura Val	Dianne Foster	CAN 98 5.15.91	USA 96 6.00.99	USA 96 6.28.81	Margie Meyer	
1500 metres		Sheila Taormina USA 96 16.36.07	K. Pipes-Neilsen	K. Pipes-Neilsen	AUS 96	Laura Val	Dianne Foster	Jen Thomasson	Lavelle Stiboroff	Jane Krauser	Rita Simonson	
BACK		Diane Grainer USA 89 30.63	D. Graner Gallas	K. Pipes-Neilsen	Laura Val	Laura Val	Carol Book	Jen Thomasson	Lavelle Stiboroff	Jane Krauser	Maxine Marino	
50 metres		K. Pipes-Neilsen USA 95 1.04.50	K. Pipes-Neilsen	K. Pipes-Neilsen	Laura Val	Laura Val	Carol Book	Jen Thomasson	Laura Val	Jane Krauser	Maxine Marino	
100 metres		Berit Puggaard DEN 97 1.13.60	K. Pipes-Neilsen	K. Pipes-Neilsen	Laura Val	Laura Val	Carol Book	Jen Thomasson	Laura Val	Jane Krauser	Maxine Marino	
200 metres		J. De Rover NED 92 2.17.86	K. Pipes-Neilsen	K. Pipes-Neilsen	Laura Val	Laura Val	Carol Book	Jen Thomasson	Laura Val	Jane Krauser	Maxine Marino	
BREAST		Ria Willemse NED 90 33.60	Suki Brownston	Leslie Osborne	Nakini Heinrich	Bea Pool	Carol Fellows	Satoko Takeji	Satoko Takeji	Willy Van Ryssel	Dorothy Weston	
50 meters		NED 90 1.13.60	GBR 95 1.11.81	USA 96 1.15.65	USA 97 1.18.85	USA 96 1.21.88	USA 96 1.25.73	JPN 97 1.19.61	JPN 97 1.24.16	GBR 91 1.24.13	Willy Van Ryssel	
100 metres		Ria Willemse NED 90 1.13.60	Suki Brownston	K. Pipes-Neilsen	Judy Woodward	Ulrike Urbanik	Sandra O'Neil	Satoko Takeji	Betsy Jordan	Doris Venning	Veria Fennane	
200 metres		Helen Gorman GBR 97 2.39.98	Suki Brownston	K. Pipes-Neilsen	Hiroko Ishii	Ulrike Urbanik	Diane Ford	Margaret Wilding	Betsy Jordan	Edith Thein	Veria Fennane	
FLY		Sheila Taormina USA 96 28.68	D. Graner Gallas	K. Pipes-Neilsen	Ger 95	Jan MacLeod	M. Sennitaben	Jan MacLeod	Doris Steadman	Edith Thein	Veria Fennane	
50 metres		NED 90 1.01.33	USA 96 1.03.80	USA 96 1.03.97	USA 97 1.15.65	USA 96 1.18.85	USA 96 1.25.92	USA 96 1.25.92	USA 96 1.25.66	GBR 91 1.24.13	Edith Thein	Veria Fennane
100 metres		Sheila Taormina USA 96 1.01.33	K. Pipes-Neilsen	K. Pipes-Neilsen	Hiroko Ishii	Ulrike Urbanik	Diane Ford	Bonnie Pronk	Flora Connolly	Edith Thein	Veria Fennane	
200 metres		S. Palmer White AUS 91 2.17.13	GBR 97 2.40.08	GBR 97	Daegmar Hilbig	GBR 98	GBR 93	CAN 97 3.08.87	GBR 94 3.19.67	GBR 95 3.25.67	Edith Thein	Veria Fennane
MEDLEY		Monique Rodahl NZL 89 1.06.84	K. Pipes-Neilsen	K. Pipes-Neilsen	Ger 95	Diana Todd	Ardeth Mueller	Yoshiko Osaki	Elaine Polis	Edith Thein	Veria Fennane	
100 metres		USA 96 1.06.57	USA 96 1.03.16	USA 96 1.03.29	USA 97 1.03.29	Laura Val	USA 94	USA 97	Jan MacLeod	Edith Thein	Veria Fennane	
200 metres		B. Deuring GER 96 2.23.47	K. Pipes-Neilsen	K. Pipes-Neilsen	K. Pipes-Neilsen	Laura Val	USA 95	USA 96	Flora Connolly	Edith Thein	Veria Fennane	
400 metres		B. Deuring GER 96 5.04.56	K. Pipes-Neilsen	K. Pipes-Neilsen	K. Pipes-Neilsen	Laura Val	USA 97	USA 96	Flora Connolly	Edith Thein	Veria Fennane	

**FINA Masters World Records - MEN'S SHORT COURSE - Dated 1st November 1998**

	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
<b>FREE</b>																
50 metres	Robert Peel USA 93 22.48	Rowdy Gaines JPN 89 22.82	Bruce Stahl USA 94 23.80	Brent Barnes JPN 98 24.37	Jan Koen Anthony NED 95 24.70	Daniel Rogacki USA 97 25.72	Donald Hill USA 89 26.80	Bob Baile USA 95 27.32	Ron Johnson USA 97 28.86	Takahiro Noma JPN 98 30.21	Jack Hale GBR 97 32.48	W. Bawerstock USA 93 35.16	Reinstadler GER 97 38.82	Gus Langner USA 93 50.08	Gus Langner USA 93 50.08	Tom Lane USA 95 2.06.66
100 metres	Bjorn Zbarsky USA 95 49.91	Rowdy Gaines JPN 89 50.51	Mark Magan AUS 94 52.64	Rick Abbott USA 95 53.25	Terry Downes RSA 95 54.64	Keelle 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 1:09.90	Jack Hale GBR 97 1:13.80	Hikaji Ueki JPN 95 1:18.80	Reinstadler GER 97 1:36.18	Gus Langner USA 93 1:56.42	Gus Langner USA 93 1:56.42	Tom Lane USA 95 4.32.29
200 metres	John Keppler USA 95 1:48.81	Rowdy Gaines JPN 99 1:50.91	Edwin Van Norden NED 98 1:53.66	Hess Yntema USA 95 1:57.83	Tim Broderick USA 96 2:00.13	Tim Baile USA 96 2:06.76	Jack Geoghegan USA 97 2:13.90	Graham Johnston USA 95 2:21.31	Graham Johnston USA 97 2:22.07	Frank Piemme USA 95 2:37.86	Ray Taft USA 94 2:48.67	Hikaji Ueki JPN 95 3:01.42	Reinstadler GER 97 3:44.09	Gus Langner USA 93 4.27.70	Gus Langner USA 93 4.27.70	Tom Lane USA 95 4.32.29
400 metres	Alex Kosch USA 97 8:14.75	Bruce Hayes USA 94 8:19.44	Edwin Van Norden NED 98 8:44.90	Hess Yntema USA 95 8:49.03	Tim Broderick USA 96 8:56.08	Angus Edghill BAR 96 9:28.84	Sandy Galletly GBR 97 9:47.45	Graham Johnston USA 95 10:27.62	Graham Johnston USA 96 10:35.13	Frank Piemme USA 95 11:38.41	Ray Taft USA 94 12:45.40	Aldo Da Rosa USA 95 12:59.95	Reinstadler GER 97 14:24.53	Gus Langner USA 93 16:33.90	Gus Langner USA 93 16:33.90	Tom Lane USA 95 4.32.29
800 metres	Alex Koch USA 97 8:14.75	Bruce Hayes USA 94 8:19.44	James Furrer SUI 96 8:44.90	Hess Yntema USA 95 8:49.03	Tim Broderick USA 96 8:56.08	Angus Edghill BAR 96 9:28.84	Sandy Galletly GBR 97 9:47.45	Graham Johnston USA 95 10:27.62	Graham Johnston USA 96 10:35.13	Frank Piemme USA 95 11:38.41	Ray Taft USA 94 12:45.40	Aldo Da Rosa USA 95 12:59.95	Reinstadler GER 97 14:24.53	Gus Langner USA 93 16:33.90	Gus Langner USA 93 16:33.90	Tom Lane USA 95 4.32.29
1500 metres	Alex Kosch USA 97 15:41.81	Bruce Hayes USA 94 16:21.25	James Furrer SUI 97 16:47.64	Hess Yntema USA 95 16:51.71	Jim McConica USA 97 17:24.70	D. Utendrup NED 98 18:18.50	Jack Geoghegan USA 97 19:18.99	Graham Johnston USA 95 19:48.44	Graham Johnston USA 96 20:53.18	Frank Piemme USA 95 22:44.95	Reinstadler GER 97 24:46.19	Aldo Da Rosa USA 95 27:31.01	Reinstadler GER 97 27:31.01	Gus Langner USA 93 32:20.20	Gus Langner USA 93 32:20.20	Tom Lane USA 95 2.02.52
<b>BACK</b>																
50 metres	Martin Harris GBR 94 25.43	Jay Yارد USA 94 26.58	Clay Britt USA 96 26.84	Laci Perenyi GER 95 28.77	Robert Smith USA 95 29.33	Hugh Wilder USA 97 29.50	József Csikany HUN 98 31.92	Jack Beattie USA 94 34.05	S. Sekikawa JPN 98 34.75	Kenjiro Nakamura JPN 98 35.71	Oto Claus GER 95 43.71	Reinstadler GER 97 47.17	Hans Paul GER 98 1:03.01	Hans Paul GER 98 1:03.01	Tom Lane USA 95 2.02.52	
100 metres	Martin Harris GBR 94 54.82	Jay Yارد USA 93 56.83	Clay Britt USA 96 58.25	Clay Evans USA 95 1:03.16	Peter O'Keefe USA 95 1:04.94	Hugh Wilder USA 97 1:04.17	Barry Young NZL 94 1:10.88	Jack Beattie USA 94 1:13.56	S. Sekikawa JPN 98 1:16.12	Paul Hubiger USA 94 1:21.74	Keijiro Nakamura JPN 98 1:24.21	Reinstadler GER 97 1:37.17	Joe Kaufman USA 95 1:52.03	Joe Kaufman USA 95 1:52.03	Tom Lane USA 95 2.02.52	
200 metres	Martin Harris GBR 94 2:01.76	Jay Yارد USA 93 2:04.63	William Specht CAN 93 2:10.01	John March CAN 95 2:16.72	Eddie Richa GBR 98 2:18.98	Tim Baile USA 97 2:24.18	Barry Young NZL 94 2:33.21	Jack Beattie USA 94 2:40.75	Roger Frank USA 98 2:47.59	Edward Shea USA 94 2:55.73	Ray Taft USA 94 3:10.22	Reinstadler GER 97 3:33.91	Joe Kaufman USA 96 4:11.25	Joe Kaufman USA 96 5:44.64	Tom Lane USA 95 2.02.52	
<b>BREAST</b>																
50 metres	Guy Farrow AUS 90 28.61	Dean Butterman USA 96 28.21	Wally Dicks USA 98 28.82	Glen Christiansen USA 98 31.83	Robert Strand USA 95 31.24	Don McKenzie JPN 93 31.17	Hirosi Kolegawa JPN 97 34.41	Nick Templeman CAN 96 36.33	Toshio Taima JPN 96 36.33	Augusto Romano ITA 93 38.60	Y. Miyamoto ITA 93 42.33	Karl Wittendorf GER 95 43.71	Hans Paul GER 98 51.17	Hans Paul GER 98 51.17	Tom Lane USA 95 1:05.70	
100 metres	Hideaki Tog JPN 97 1:03.23	Frank Viger NED 94 1:04.23	Wally Dicks USA 98 1:03.18	Ron Schaefer USA 97 1:06.50	Robert Strand USA 95 1:09.44	Robert Strand USA 96 1:09.56	Manuel Sanguly USA 88 1:16.32	Nick Templeman CAN 96 1:19.82	Barton Greenberg USA 94 1:21.34	Augusto Romano ITA 94 1:29.48	Y. Miyamoto ITA 94 1:36.61	Reinstadler GER 97 1:43.91	Walter Pfeiffer USA 98 2:06.08	Walter Pfeiffer USA 98 2:06.08	Tom Lane USA 95 1:05.70	
200 metres	Abraham Solano USA 96 2:20.43	Serge Scole CAN 95 2:24.52	Serge Scole CAN 95 2:22.64	Ron Schaefer USA 97 2:25.38	Thomas Walker USA 95 2:34.41	Tracy Gallagher GBR 95 2:34.71	Thomas Walker USA 95 2:49.96	Karl Haderer GER 95 2:57.08	Thomas Walker CAN 96 3:06.13	Aldo Da Rosa USA 93 3:16.44	Aldo Da Rosa USA 93 3:34.29	Walter Pfeiffer USA 98 3:56.61	Walter Pfeiffer USA 98 4:46.64	Walter Pfeiffer USA 98 4:46.64	Tom Lane USA 95 1:05.70	
<b>FLY</b>																
50 metres	Jonas Åkesson SWE 97 25.20	Michael Bottom USA 89 25.06	William Specht USA 93 25.89	Rick Abbott USA 95 26.35	Dan Thompson USA 93 27.08	Bernard Schroeder GER 97 28.35	Bob Baile USA 95 29.10	Ron Johnson USA 95 30.34	Frank Piemme USA 95 31.87	Jack Hale GBR 97 34.77	Y. Miyamoto JPN 97 38.00	Walter Pfeiffer USA 98 44.75	Walter Pfeiffer USA 98 52.84	Walter Pfeiffer USA 98 52.84	Tom Lane USA 95 1:16.38	
100 metres	Martin Hermann GBR 94 56.11	Frank Viger NED 94 1:03.23	James Belardi USA 93 57.02	Tom Pennin USA 96 58.61	Boo Gruber Galles USA 96 1:01.13	Beind Schroeder GER 98 1:02.54	Beind Schroeder GER 98 1:06.66	Luis Ricardo Simi BRA 97 1:14.21	Joe Kurtzman USA 95 1:18.52	Harry Hunsicker USA 95 1:26.98	Paul Kup USA 92 1:36.98	Walter Pfeiffer USA 98 1:47.80	Walter Pfeiffer USA 98 2:05.50	Walter Pfeiffer USA 98 2:05.50	Tom Lane USA 95 1:16.38	
200 metres	Gavin Liley GBR 93 2:05.97	Ian Beck GBR 96 2:05.73	William Specht USA 94 2:05.48	James Belardi USA 93 2:08.46	Boo Gruber Galles USA 97 2:19.73	Boo Gruber Galles USA 97 2:21.58	Koji Iwamoto JPN 98 2:36.72	Luis Ricardo Simi BRA 97 2:53.49	Ron Johnson USA 96 3:06.43	Frank Piemme USA 95 3:18.59	Paul Kup USA 92 3:49.00	Anton Ceter USA 97 4:00.64	Walter Pfeiffer USA 98 4:45.09	Walter Pfeiffer USA 98 4:45.09	Tom Lane USA 95 1:16.38	
<b>MEDLEY</b>																
100 metres	Martin Harris GBR 94 56.90	Hiroshi Murai JPN 96 57.84	Clay Britt USA 98 59.28	Ric Cooley USA 98 1:02.30	A. McPherson USA 94 1:04.80	Robert Strand GER 97 1:04.97	Bob Baile USA 95 1:04.97	Ron Johnson USA 95 1:09.59	Toshiro Hayashi JPN 97 1:12.78	Frank Piemme USA 95 1:15.61	Ray Taft USA 94 1:27.43	Aldo Da Rosa USA 97 1:36.33	Walter Pfeiffer USA 98 1:51.87	Walter Pfeiffer USA 98 1:51.87	Tom Lane USA 95 2.51.05	
200 metres	John Keppler USA 95 2:05.93	Paul Brew GBR 97 2:06.69	Robin Brew GBR 97 2:10.84	Spencer Elford USA 96 2:15.07	Tim Broderick USA 97 2:22.79	Robert Strand GER 97 2:25.01	Robert Strand GER 98 2:34.42	Jack Kelso CAN 95 2:46.68	Graham Johnston USA 91 2:49.10	Roberto Alberiche ESP 96 3:00.88	Jesus Dominguez ESP 96 3:00.88	Aldo Da Rosa USA 97 3:20.35	Walter Pfeiffer USA 98 3:35.06	Walter Pfeiffer USA 98 4:21.19	Tom Lane USA 95 2.51.05	
400 metres	John Reppele USA 95 4:26.79	Jerome Frennissos USA 95 4:33.17	Robin Brew GBR 97 4:40.84	Lorenzo Maugno ITA 98 4:57.94	Andrew McPherson USA 95 5:18.19	Sandy Galletly GBR 97 5:29.09	Graham Johnston USA 93 5:04.40	Frank Piemme USA 95 5:38.98	Ray Taft USA 94 7:08.53	Aldo Da Rosa USA 97 7:57.13	Walter Pfeiffer USA 98 9:31.75	Walter Pfeiffer USA 98 9:31.75	Walter Pfeiffer USA 98 9:31.75	Tom Lane USA 95 2.51.05		



**FINA Masters World Records - Dated 1<sup>st</sup> November 1998  
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
<b>Women's Freestyle 4 x 50 Metres</b>	HOLMES USA 88 1:53.20 Mary Holmes Beth Mauer Susan Halfacre Tish Bucher	LONE STAR USA 87 1:53.05 Monica Burk L. Morrison-Casey Brigitte Heuer Jacki Hirsty	REGATAS PER 95 1:59.32 C. Changanaqui Rosario Vivanco F. Changanaqui Sandra Crouse	LOS ALTOS USA 94 2:08.95 Laura Val Della Sehorn Susan Roy Carolyn Boak	DC MASTERS USA 98 2:18.70 Barbara Frid Joann Leilich Barbara Zaremski Jayne Bruner	NEW ENGLAND USA 96 2:38.52 Clara Walker Pete Smith Billie Burnell Diane Reed	WALNUT CREEK USA 98 3:49.73 Sally Joy Jae Howell Jean Durston Mary Jane Reeve	
<b>Women's Medley 4 x 50 Metres</b>	HOLMES USA 88 2:06.67 Beth Mauer Tish Bucher Deb Walker Mary Holmes	GOLD COAST USA 98 2:04.19 Mary Gardner Susie Geyer Tracie Moll Jamie Herrington	LOS ALTOS USA 94 2:12.91 Chris Breedy Laura Val Susan Roy Carolyn Boak	SAN DIEGO USA 98 2:23.07 Betsey Jordan Caroline Krattli Barbara Dunbar Jackie Marr	DC MASTERS USA 98 2:37.68 Barbara Frid Joann Leilich Jayne Bruner Barbara Zaremski	KAWASAKI JPN 98 3:19.17 Midori Kinjo Akiko Hattori Kiyoko Kozu Mieko Kamoshita	WALNUT CREEK USA 98 4:19.11 Sally Joy JAE HOWELL Jean Durston Mary Jane Reeve	
<b>Men's Freestyle 4 x 50 Metres</b>	JYVASKYLAN FIN 96 1:36.39 Janne Virtanen Jaane Virtanen An Jaakkola Tommy Rundgren	LONE STAR USA 86 1:37.43 David Hague Tripp Hedrick James Montgomery Buck Smith	HOLMES USA 90 1:39.27 James Lilley Richard Abrahams Chester Miltenberger Timothy Garton	OLYMPIC CLUB USA 97 1:45.19 Steve Clark Tim Birnie Robert Strand James Elder	OLYMPIC CLUB USA 97 1:54.45 Richard Bassi Bill Van Horn James Kruger Philip Chapman	SHUEI JPN 92 2:10.18 Shuichi Murayama Isamu Tamura Jujo Tsubota Keijiro Nakamura	COAST USA 96 2:35.13 Louis Giberson Walter Pfeiffer Woodrow Bowersock Robert Christians	
<b>Men's Medley 4 x 50 Metres</b>	POWERS AUS 90 1:49.84 Brad Cooper Anker Brodersen Neil Gynther Angus Waddell	RED FISH SUI 94 1:48.75 Patrick Ferland Theophilus David Etienne Dagon Stefan Volery	BAYLOR LONE STAR USA 94 1:53.79 Mel Nash Tripp Hedrick Barry Hamilton David Hague	OLYMPIC CLUB USA 94 1:58.50 Tim Birnie Richard Bassi Robert Strand James Elder	GOLD COAST USA 98 2:15.93 David McIntyre Herb Kern Joel Burns Cav Cavanaugh	MAVERICK USA 97 2:33.50 Paul Huting Joseph Kurtzman Robert MacDonald Alan Maloney	COAST USA 95 3:06.15 Brion Winship Robert Christians Walter Pfeiffer Woodrow Bowersock	
<b>Mixed Freestyle 4 x 50 Metres</b>	HOLMES USA 88 1:43.89 Todd Pace Tracie Moll Jamie Herrington Kurt Wienants	GOLD COAST USA 98 1:42.65 Kathy Garnier Laureen Welting Richard Abrahams James Lilley	ROCKY MOUNTAIN USA 98 1:45.83 Edward Cazalet Arlene Proebsting Laura Val Robert Proebsting	LOS ALTOS USA 94 1:55.50 Donald Baker Jackie Marr Jeanne Little Bill Early	SAN DIEGO USA 97 2:07.26 Britt Grilli Nils Ferm Peter Bergengren Kerstin Gjores	SOLK HELLAS SWE 98 2:27.21 Nancy Clark Kellee Lemmon Anne Walker David McAfee	DC MASTERS USA 93 3:03.15 Alberto Mibielli Maria Lenk Luzia Caracciolo Gastao Figueiredo	
<b>Mixed Medley 4 x 50 Metres</b>	HOLMES USA 88 1:56.58 Beth Mauer Sam Seiple Bruce Howell Mary Holmes	GOLD COAST USA 98 1:57.30 Craig Crawford Seth Van Neerden Tracie Moll Jamie Herrington	TTEX USA 98 2:01.22 Sharon Wencel David Guthrie Bruce Wencel Sandy Neilson-Bell	TAMALPAIS USA 98 2:08.56 Richard Burns Kenneth Frost Laura Val Nancy Ridout	OLYMPIC CLUB USA 97 2:27.14 Margery Meyer Steve Clark Danielle Ogier Phillip Chapman	HOLMES USA 88 2:37.98 Alberto Mibielli Maria Lenk Luzia Caracciolo Gastao Figueiredo	RIO MASTERS BRA 95 3:54.87 Helen Roumasset Zada Taft Hilda Buel Audrey Ebenne	

**FINA Masters World Records - Dated 1<sup>st</sup> November 1998  
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
<b>Women's Freestyle 4 x 50 Metres</b>	MICHIGAN USA 96 1:45.93 Dyne Burrell Mary Muetting Susie Devlin Sheila Taormina	SAN DIEGO USA 96 1:53.26 Karlyn Pipes-Neilsen Mathilde Bouwma Beth Knight Nancy North	SAN DIEGO USA 96 1:59.23 Barbara Dunbar Sally Karrasch Marilyn Fink Karlyn Pipes-Neilsen	SG NEUHOLIN GER 98 2:10.33 Marga Schulze Monika Sentleben Brigitte Merten Elke Scharp	NEW ENGLAND USA 94 2:25.52 Clara Walker Billie Burnell Jennifer Luker Diane Reed	KAWASAKI JPN 98 2:47.76 Mieko Kamoshita Akiko Hattori Midori Kinjo Kiyoko Koza	ST PETE USA 93 4:09.37 Marian McKechnie Frances Cichanski Win Kennedy Kay Schimpf	
<b>Women's Medley 4 x 50 Metres</b>	SPENCER GBR 98 2:04.54 Helen Jameson Susan Hill Sibhan Hartley Helen Day	SAN DIEGO USA 94 2:05.27 Vicky Davidson Karlyn Pipes Mathilde Bouwma Beth Knight	SAN DIEGO USA 96 2:12.54 Marilyn Fink Barbara Dunbar Karlyn Pipes-Neilsen Beth Knight	SG NEUHOLIN GER 98 2:24.82 Brigitte Merten Monika Sentleben Elke Scharp Marga Schulze	SOLK HELLAS SWE 96 2:45.48 Kerstin Gjores Harmel Degiorgio Barbro Flostrom Britt Grilli	KOEIKAI JPN 97 3:18.15 Mitsuko Kurashige Masako Hotehama Takako Nagata Katamoto Taeko	SAN MATEO USA 96 4:39.75 Helen Roumasset Zada Taft Hilda Buel Audrey Ebenne	
<b>Men's Freestyle 4 x 50 Metres</b>	EL SEGUNDO USA 97 1:35.70 Frank Wattles Derek Robinson Marcel Rinzler Bert Bergen	BAYLOR LONE STAR USA 92 1:37.89 Richard Hess M. Rhodenbaugh Doug Moyle Bobby Patten	COLONIALS USA 96 1:40.74 Charles Norelli Michael Slenger Thomas Meade Gregory Oxley	S CAL AQUATICS USA 94 1:47.41 Fred Hubbell Frank Nelson Frank Piemme Peter O'Keefe	BUCKEYE USA 94 1:58.22 Sid Hall Thomas Olander Yoshi Okawa John Florance	SHUEI JPN 93 2:11.55 Keiyo Nakamura Isamu Tamura Eisaku Hayashi Shuchi Murayama	COAST USA 97 2:49.99 Louis Giberson Woody Bowersock Walter Pfeiffer Robert Christians	
<b>Men's Medley 4 x 50 Metres</b>	EL SEGUNDO USA 97 1:45.73 Derek Robinson Dave Huston Marcel Rinzler Bert Bergen	BAYLOR LONE STAR USA 94 1:45.01 Jay Yand Bobby Patten Greg Rhodenbaugh Mook Rhodenbaugh	MINNESOTA USA 98 1:52.42 Scott Tripps J. Kochendorfer Ray Ellis Nate Leigh	OLYMPIC CLUB USA 96 2:00.35 Tim Birnie Richard Bassi Robert Strand James Krueger	GOLD COAST USA 98 2:15.19 David McIntyre Herb Kern Joel Burns Cav Cavanaugh	FL MAVERICK USA 97 2:31.20 Paul Huting Robert Macdonald Joseph Kurtzman Alan Maloney	YOKYO SS JPN 98 3:20.27 Kisaburo Wada Saburo Watanabe Y. Miyamoto Yajiro Fukuda	
<b>Mixed Freestyle 4 x 50 Metres</b>	EL SEGUNDO USA 97 1:41.62 Bert Bergen Diane Graner Gallas Marcel Rinzler Heidi Hannenian	ST PETE USA 96 1:45.78 Lisa Summers McKeithen-Bussey William Specht Stuart Barton	SAN DIEGO USA 96 1:47.38 Beth Knight Larry Cartwright Karlyn Pipes-Neilsen Lee Mench	LINCOLN USA 89 1:57.25 Paul Huting Colleen Malmen Irene David Ray Padovan	SAN DIEGO USA 97 2:09.08 Donald Baker Betsy Jordan Bill Earley Jackie Marr	OJAI S. BARBARA USA 95 2:35.36 Frank Piemme Ruth Baar Grace Altus Jurgen Schmidt	IBARAGI SC JPN 98 3:23.57 Kenjiro Kakei Hiroko Tsuchiya Ritsuko Hayashida Ryuji Fujikawa	
<b>Mixed Medley 4 x 50 Metres</b>	EL SEGUNDO USA 97 1:52.80 Diane Graner Gallas Dave Huston Derek Robinson Heidi Hannenian	LAKESIDE USA 89 1:58.28 William Tingley Michael Higgs Gina Gatti Melinda Schmitt	WEST HOLLYWOOD USA 94 2:01.59 Andrea Devuono Michael Mealiffe Karen Melick Thomas Reudy	S CAL AQUATICS USA 96 2:12.20 Bonnie Adair Gary Langendoen Karen Melick Bob Congilliere	NORTH CAROLINA USA 96 2:26.10 Jeannie Mitchell John Kortheuer Sally Newell Dick Webber	100 NOKAI JPN 98 2:52.77 Kazuko Taguchi Makoto Nishiura Akira Ito Chie Tani	RIO MASTERS BRA 95 3:51.75 Alberto Mibielli Maria Lenk Luzia Caracciolo Gastao Figueiredo	

## CALENDAR OF MASTERS OPEN EVENTS NATIONAL AND INTERNATIONAL

### 1999

JAN 30-31	V CAMPEONATO DE ESPANA MASTERS OPEN DE INVIERNO Palma de Mallorca Juan Jose Jardon, ESP, Juan Esplandiu 1, E-28007 Madrid, Spain Tel: (34-91) 557-2021 Fax: (34-91) 409 7062	E-mail: rfen@ctv.es	MAY 15-16	XV OPEN CATALUNYA MASTERS CHAMPIONSHIPS- Club Natacion Sabadell, c/o Rafael Sanchez, c/Montacada 2, E-08203 Sabadell Tel: (34-93) 725 3047 Fax: (34-93) 727 0974 Indoor - 25m 6 Lanes
JAN 30-31	SLOVAKIAN MASTERS CHAMPIONSHIPS - Kosice, Slovakia Jaroslav Holý, Belánska 3, SVK-04000 Kosice Tel: (421-95) 625 6253 Indoor - 50m 8 Lanes		MAY 22-23	CZECH OPEN MASTERS CHAMPIONSHIPS - Prague, Czech Republic Marcela Stastna, Pocimicka 54, CZE-10800 Prague 10 Tel: (420-2) 778 604 Indoor 25m
FEB	FRENCH WINTER MASTERS CHAMPIONSHIPS - Mennecy, France Federation Francaise de Natation, 148 Av. Gambetta, F-75020 France Tel: (33-1) 4031 1770 Fax: (33-1) 4031 1990 Indoor - 50M 8 Lanes		MAY 22-23	V GRAN CANARIA MASTERS CUP - Las Palmas de Gran Canaria, Spain C/N Metropole, Pasco Alonso Quesada, S/N 35005, Las Palmas de Gran Canaria, Islas Canarias Tel: (34-928) 244 346 Fax: (34-928) 2465689 Outdoor - 50m 8 Lanes
FEB 6	ANGELHOLM MASTERS MEET - Angelholm, Sweden Angelholms SS, c/o Kent Hamberg, P.O. Box 1130, S-26222 Angelholm, Sweden Tel: (46-431) 10139 Fax: (46-431) 448176 Indoor - 25m 6 Lanes		MAY 29	III OPEN MASTERS SANT ADREU - Barcelona, Spain C/N Sant Andreu, c/o Aris Ortega, Paseo Fabra i Puig 47, E-08030 Barcelona Tel: (34-93) 345 6789 Fax: (34-93) 3456304 Indoor - 50m 8 Lanes
FEB 6	VASTERAS MASTERS MEET - Vasteras, Sweden Vasteras SS, c/o Lars Ekholm, Logarangssbadet S-72132 Vasteras, Sweden Tel: (46-21) 186236 Fax: (46-21) 183 645 Indoor - 25m 7 Lanes		JUN 4-6	GB MASTERS CHAMPIONSHIPS - Coventry, England ASA of Great Britain, c/o Judy Mott, Harold Fern House, Derby Square, Loughborough LE11 5AL Tel: (44-1509) 618 728 Fax: (44-1509) 618 733 Indoor - 25m 10 Lanes
FEB 6	UMEA MASTERS MEET - Umea, Sweden Umea SS, c/o Lars Edstedt, Simhallen, S-90342 Umea, Sweden Tel: (46-90) 129744 Fax: (46-90) 129204 Indoor - 25m 8 Lanes		JUN 5-6	XV MEETING MASTERS INTERNATIONAL CITTA DI CASTELLO "ITALO GALLUZZI" Mauroz Serafini, Centro Nuoto Ato Tevere, Piscina Comunale Via Engels, 06012 Città di Castello Tel: (39-075) 855 0785 Fax: (39-075) 852 0786 Outdoor - 50 m 8 lanes - Electronic timing
FEB 6-7	FINNISH SPRINT MASTERS CHAMPIONSHIPS - Espoo, Finland Finnish Swimming Federation, c/o Outi Kokko-Ropponen, FIN-00093 SLU Tel: (358-9) 3481 2090 Fax: (358-9) 148 1191		JUN 5-6	UKRAINIEN OPEN MASTERS DIVING CHAMPIONSHIPS - Mykolaev, Ukraine Kiev Aqua Masters Swimming Club, c/o Sergiy Fesenko, Bumirntenko 9/10, App. 27 252040 Kiev, Ukraine Tel: (380-44) 263 4444 Fax: (380-44) 2635404 Indoor - 50m 8 Lanes
FEB 06-14	NEW ZEALAND MASTERS GAMES - Wanganui, New Zealand Peter McKenzie, PO Box 7203, Wanganui, New Zealand 323-0406		JUL 1031st	INTERNATIONAL MASTERS MEETING - Gersdorf, Germany Lothar Rauner, Weststrasse 7, D-09355 Gersdorf, Germany Tel & Fax: (49-37203) 68935 Outdoor - 50m 8 Lanes
FEB 7	6th AMERSHAM OPEN MASTERS MEET - UK Pam Pitcher, Sandycot, Casden Road, Princes Risborough, Bucks HP27 0NB E-mail: http://www.2.prestel.co.uk/swim		JUN 11-13	9th DUTCH OPEN MASTERS SWIMMING-Kristalbad Apeldoorn AZC-Masters, Henk Wisselo, Wijenburg 21, 7339 DH Apeldoorn Tel & Fax: (31-55) 5417943 Outdoor - 50m 6 Lanes
MAR 5-7	WELSH A.S.A. OPEN MASTERS CHAMPIONSHIPS - Brigdon, GB Welsh A.S.A. Office, c/o Mrs. C. Undery, Roath Park House, Ninian Road, Cardiff CF2 5ER Tel & Fax: (44-1222) 342201 Indoor - 25m 6 Lanes		JUL 24-25	OPEN SPANISH SUMMER CHAMPIONSHIPS - T.B.D. Federation Espanola Natacion, c/o Juan Esplandiu 1, E-28007 Madrid, Spain Tel: (34-91) 557 2009 Fax: (34-91) 409 7062 Outdoor - 50m 8 Lanes
MAR 6	INTERNAT. MASTERS MEETING "GOSLARER ADLER" - Goslar, Germany Herbert Groesser, Ludwig-Richter Weg 15 - D-38642 Goslar, Germany Tel & Fax: (49-5321) 29071 Indoor - 25m 8 Lanes		AUG	FRENCH SUMMER MASTERS CHAMPIONSHIPS - Millau, France Federation Francaise de Natation, 148 Av. Gambetta, F-75020 France Tel: (33-1) 4031 1770 Fax: (33-1) 4031 1990 Outdoor - 50m 8 Lanes
MAR 13-14	7th INTERNATIONAL MASTERS MEETING - Neheim-Hüsten, Germany SV Neptun, Neheim-Hüsten, c/o Barbara Stobbe, Postfach 2528, D-59715 Arnstberg Tel: (49-2932) 38678 Fax: (49-2932) 34170 Indoor - 25m		AUG 19-23	USMS LONG COURSE CHAMPIONSHIPS - Minneapolis, MN USA Paul Windrath, 2612 Eunice Ave., Red Wing, MN 55066 USA
MAR 13-14	GERA MASTERS MEETING - Gera, Germany Guido Auschek, Schmeizhuettenstr. 29, D-07545 Gera, Germany Tel: (49-365) 823090 Fax: (49-365) 8230914 Indoor - 50m 8 Lanes		SEP 5	INTERNATIONAL MASTERS MEETING - Bellinzona, Switzerland Flavio Bonomi, P.O. Box 1137, CH-6501 Bellinzona, Switzerland Tel: (41-91) 825 5324 Fax: (41-91) 826 1940 Outdoors - 50m 8 Lanes
MAR 13-14	XIII MEETING INTERNATIONAL MASTERS - "CITTÀ DI FIRENZE" - Italy Andrea Prayer, Via Brunetto Latini 47, 50133 Firenze, Italy Tel: (39-055) 571161, 217502 Indoor - 25 m 6 lanes - Electronic timing		SEP 15-19	MASTERS CUP "SPLIT 1700" WATER POLO-SPLIT Croatia Water Polo Club "Veteran 70", c/o D. Jezina, Miljanovica 55, CRO-21000 Split, Croatia Tel: (385-21) 358 276 Fax: (385-21) 358 201 Outdoor
MAR 18-20	15th SOUTH AFRICAN MASTERS SWIMMING CHAMPIONSHIPS - East London, SA Brian Hanson, SA Championships, PO Box 8148, Nahoon, East London, 5210, SA Tel & Fax: (44-431) 353 185 E-mail: bfab@gis.co.za		SEP 23-OCT 3	AUSTRALIAN MASTERS GAMES - Adelaide, SA Australia
MAR 19-21	SWEDISH OPEN MASTERS CHAMPIONSHIPS - Västeras, Sweden Swedish Swimming Federation, c/o Idrottens Hus, S-12387 Farsta Tel: (46-8) 6056000 Fax: (46-8) 724 6861		SEP 24-25	24th INTERNAT. MASTERS MEETING - Hildesheim, Germany Dieter Engelke, Wiesenstrasse 27a, D-31139 Hildesheim, Germany Tel & Fax: (49-5121) 877 070 Indoors - 25m 8 Lanes
MAR 20-21	INTERNATIONAL MASTERS MEET - Brno, Czech Republic Jarmila Rebihova, Lucni 32, CZE - 61600 Brno Tel: (420-5) 4121 2909 Fax: (420-5) 4121 1333 Indoor - 25m 6 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: rhanou@hetnet.nl Swimming - SC Meters - Indoor - All 50's and 100's, all relays
MAR 26-28	26th NATIONAL LC CHAMPIONSHIPS - Waitakere Aquatic Centre, Auckland, NZ Chris Bond, PO Box 21-339, Henderson, Auckland 3, NZ 4167269, 8362819 Tel: (64-9) 4121 2909 Fax: (64-9) 4121 2909		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) 968 202 (night) (353-21) 962 268 (office) E-Mail: deeoz@inet.ie
MAR 26-28	VIII GUERNSEY OPEN MASTERS MEET - Guernsey, Channel Islands John Eye, Belval, Belval Road, Vale, Guernsey, Channel Islands, UK, GY3 5LW Tel: (44-1481) 46030		OCT 2	INTERNAT. 4-KAMPF MASTERS MEETING - Vienna, Austria Gisela Cséko, Am Schoepftwerk 26, A-1120 Vienna, Austria Tel: (43-1) 6675324 Fax: (43-1) 7693955 Indoor - 50m-8 lanes
MAR 27-28	FINNISH MASTERS CHAMPIONSHIPS - Seinajoki, Finland Finnish Swimming Federation, c/o Outi Kokko-Ropponen, FIN-00093 SLU Tel: (358-9) 34812090 Fax: (358-9) 148 1191		OCT 6-10	NORDIC MASTERS SPRINT CHAMPIONSHIPS - Turku, Finland Finnish Swimming Federation, c/o Outi Kokko-Ropponen, FIN-00093 SLU Tel: (358-9) 3481 2090 Fax: (358-9) 1481191 Indoor - 50m
APR 10-11	TALLIAN OPEN MASTERS CHAMPIONSHIPS - Tallin, Estonia Toivo Villeg, Meleka St. 8 App. 14, EE-0006 Tallin Tel: (372) 6566065 Fax: (372) 631 3148 Indoor - 25m 6 Lanes		OCT 16-23	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
APR 10-11	XIII MEETING INTERNATIONAL 3TRENTINO MASTERS-Italy Giorgio Pisetta, Vicolo al Nuoto 20, 38100 Trento, Italy Tel/Fax: (39-046) 1236097 Indoor - 25 m 8 lanes - Electronic timing		OCT 22-24	ASA MASTERS CHAMPIONSHIPS - Sheffield, England ASA of Great Britain, c/o Judy Motte Harold Fern House, Derby Square, Loughborough LE11 5AL, GB Tel: (44-1509) 618 728 Fax: (44-1509) 618 733 Indoor - 25m 1.0 Lanes
APR 17-18	GRAND PRIX DE LA VILLE DE CHARLEROI-Charleroi, Belgium Jacques Leclercq, Rue Leon Roubaix 28, B-6030 Marchienne-Au-Pont Tel: (32-71) 515746 Fax: (32-71) 541834 Indoor - 50m 8 Lanes		OCT 23-24	14th INTERNATIONAL MASTERS MEETING - Bregenz, Austria Schwimmclub Bregenz, c/o Kari Hackl, Gruenaustrasse 7, A-6912 Bregenz Tel: (43-5573) 83097 Indoor - 25m 6 Lanes
APR 23-25	INTERNATIONAL GERMAN MASTERS LONG DISTANCE CHAMPIONSHIPS - Wuppertal DSV, Geschaeftsstelle, PO Box 420140, D-34070 Kassel Tel: (49-561) 940 830 Fax: (49-561) 940 8315 Indoor - 50m 8 Lanes		OCT 23-24	EIS STUDIO MASTERS CUP - Pardubice, Czech Republic Ivan Cegan, Halubova 635, CZE-53003 Pardubice, Czech Republic Tel: (420-40) 511 398 Fax: (420-40) 516 802
MAY 7-8	ICELANDIC MASTERS OPEN - Reykjavik, Iceland Sundambard Islands, c/o Sveinn Benonisson, Laugardalur, 104 Reykjavik Tel: (354) 588 8210 Fax: (354) 568 3904 Indoor - 25m 4 Lanes		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) 230 657 Fax: (39-0166) 61723 Indoor - 25m 8 Lanes
MAY 11-15	AUSSI NATIONAL SWIM-Darwin,Northern Territory Mrs. Joan Curtin, Secretary, AUSSI Masters Swimming - NT, GPO Box 1752, Darwin NT 0801 AUSTRALIA Tel: (61-8) 8945 1409 Fax: (61-8) 8999 5992		NOV 13-14	FINISH LONG DISTANCE CHAMPIONSHIPS - Turku, Finland Finish Swimming Federation, c/o Outi Kokko-Ropponen, FIN-00093 SLU Tel: (358-9) 3481 2090 Fax: (358-9) 148 1191 Indoor - 50m 8 Lanes
MAY 13-16	USMS SHORT COURSE CHAMPIONSHIPS - Santa Clara, CA USA Aime Guimarin, 2150 Paseo Del Oro, San Jose, CA 95124 USA		NOV 20-21	INTERNATIONAL MASTERS MEET - Usti nad Labem, Czech Republic Milan Hlavá, Vojnovicova 22, CZE-40001 Usti nad Labem Tel: (420-47) 66835 Fax: (420-47) 63287
MAY 14-17	CANADIAN MASTERS CHAMPIONSHIPS - Nepean, Ontario, Canada NMSC Tel: (1-613) 599-7166 Website: www.iatech.com/nmsc			