



June 1997

Official Newsletter of the FINA Masters Swimming Committee

N° 10

## NEXT YEAR

### RENDEZ-VOUS FINA IN CASABLANCA

#### VIIth WORLD MASTERS SWIMMING CHAMPIONSHIPS

In the beautiful City of Casablanca, in Morocco, everything is ready to welcome next year, from 19 to 30 June 1998, several thousands of participants: swimmers, divers, synchronized swimmers, specialists of long distance swimming over 25 years old and water-polo players over 30 years old.

In a message written for the Official Publication of this Event, the FINA President, Mr Mustapha Larfaoui declares: "FINA, with the help of its 166 National Federations is trying to extend the practice of all its sports disciplines for people of all ages. More and

year, for the first time, this rendez-vous will be held in Africa in Casablanca, an astonishing and attractive City ..."

The FINA Masters Committee met on the sites of the next World Masters Swimming Championships, in Casablanca, on May 30-31, 1997 under the chairmanship of Mr Victor Nogueira in the presence of Dr Julio Maglione, FINA Honorary Treasurer and Nory Krutchen, Bureau Liaison. The Minister of Sports of Morocco welcomed all participants and promised the support of the State and all local authorities. Mr Ahmed Zaki, President



Left is the Moroccan Minister of Sports and Members of the Organizing Committee posing in the company of the Masters Committee Members and Dr Julio Maglione.

more there are those who are now conscious that sport, and in particular swimming, have an important and positive effect during each period of the life of a woman or a man. Thus, the FINA Masters Committee ensures the development of our sport disciplines to those who wish to fight the misdeeds of the age...

of the Organizing Committee and his colleagues, worked efficiently with the FINA Masters Committee (see PHOTO). The sites and the venues of the swimming, diving, long distance swimming, synchronized swimming and water polo competitions have been visited and approved. All the details concern-



Members of the FINA Masters Committee during the visit of the main pool of the "Complexe Sportif Mohammed V", in Casablanca.

Since the first edition of the FINA World Masters Championships held in 1986 in Tokyo, our older athletes have met to compete successively in Brisbane, Rio de Janeiro, Indianapolis, Montréal and Sheffield. Next

year, the journey of the different delegations, their means of transport and their visits have been dealt with and in this issue we reproduce principal information accepted during this meeting.

## FINA MASTERS TECHNICAL CONGRESS June 18, 1998 Casablanca, MAR

For this Congress according to FINA Rule C 13.7 "all motions, applications and proposals for alterations or additions to the Technical Rules shall only be considered, if submitted by a Member, the Bureau or the respective Technical Committee". Please note that the deadline for presenting the motions, applications and proposals for the FINA Masters Rules should be received by the FINA Office in Lausanne (SUI) NO LATER THAN ON 18th of OCTOBER 1997 (application of Rule C.13.7)

Each FINA Member Federation may appoint two (2) Delegates to this Congress. The registration forms must be sent to the FINA Office, in Lausanne (SUI), NO LATER THAN THE 30th of APRIL 1998. All expenses for the Delegates, such as travel, accomodation, meals and other items should be covered by each National Federation.

## AFTER CASABLANCA MUNICH (GER)

During the FINA Bureau Meeting in Gothenburg last April, the City of Munich (GER) was chosen to be the host in 1999 of the VIIIth FINA World Masters Championships. The choice was difficult, as Perth (AUS) was the other excellent candidate city.

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## FINA WORLD MASTERS CHAMPIONSHIPS CASABLANCA 1998

### ORGANIZING COMMITTEE MEMBERS

*Chairman* : Ahmed Zaki; *Vice-Chairman* : Mohamed Mekaoui; *Secretary General* : Farid El Allam; *Financial Directors* : Zhoueir El Moufti, Driss Talaa; *Commercial Director* : Kamal Lahlou; *Officials' Director* : Mohammed Atouani; *Infrastructure Directors* : Azzedine Zidouh, Mohamed Billaz

### SITES

*Swimming* : Complexe Sportif Mohammed V (main pool - 8 lanes - 2 m. deep)

*Diving and Synchronized Swimming* : Complexe Sportif Mohammed V (diving pool)

*Water Polo* : Complexe Sportif Mohammed V (main and stadium pool)

*Open water swimming* : Atlantic Ocean at Mohammedia Town Beach (35 minutes from Casablanca) - Temperature between 20 and 24 °

### AGE RESTRICTION OF PARTICIPANTS (1)

SWIMMING - 25 years

DIVING - 25 years

SYNCHRONIZED SWIMMING - 25 years

OPEN WATER SWIM - 25 years

WATER-POLO - 30 years

(1) as of this date 31 December 1998

### FEES

Individual Registration : US\$ 30.00 per competitor  
Additional event fees :

- Diving : US\$ 7.00 per event
- Open Water Swimming : US\$ 30.00 per event
- Swimming Individual Events : US\$ 7.00 per event
- Swimming Relay Events : US\$ 28.00 per event
- Synchronized Swimming : US\$ 7.00 per event
- Water Polo : US\$ 390.00 per team

### SCHEDULE OF EVENTS AND AGE GROUPS

#### 1. SWIMMING

##### June 17 and 18

Training

##### June 19

200 m	Individual Medley
50 m	Butterfly
100 m	Freestyle

##### June 20

200 m	Breaststroke
400 m	Freestyle

##### June 21

400 m	Individual Medley
100 m	Breaststroke
200 m	Mixed Medley Relay

##### June 22

200 m	Backstroke
50 m	Breaststroke
100 m	Butterfly

##### June 23

200 m	Freestyle
50 m	Backstroke
200 m	Mixed Freestyle Relay

##### June 24

200 m	Butterfly
50 m	Freestyle
100 m	Backstroke

##### June 25

800 m	Freestyle
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### Age groups

*Individual events* : 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, and five year age groups as high as necessary.

*Relay events* : based on the total age of team members in whole years : 100-119, 120-159, 160-199, 200-239, 240-279, 280-319, 320-359 and forty year increments as high as necessary.

### 2. DIVING

#### June 17 and 18

Training

##### June 19

W - 1 m	25-49, 65-80+
M - 3 m	25-49, 65-80+

##### June 20

W - 1 m	50-64
W - 3 m	35-49, 65-80+
M - 1 m	65-80+
M - 3 m	50-64

##### June 21

W - 3 m	25-34, 50-64
M - 1 m	25-64

##### June 22

W - Platform	25-80+
M - Platform	25-80+

### Age groups

Springboard events : 1 and 3 m - 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 and five year age groups as high as necessary

Platform events : 5 m, 7.5 m & 10 m - 25-29, 30-39, 40-49, 50-59, 60-64, 65-69, 70-74, 75-79, 80+ and five year age group as high as necessary.

### 3. SYNCHRONIZED SWIMMING

#### June 23-24

Training

##### June 25 :

Figures

##### June 26 :

Solo and trios

##### June 27 & 28 :

Duets and teams

### Age group

Figures : 25-29, 30-39, 40-49, 50-59, 60-79 and over

Solo & Duet events : 25-29m 30-39, 40-49, 50-59, 60-79, 80 and over

Trio & Team events : 25-34, 35-49, 50-64 and over

### 4. OPEN WATER SWIM

#### June 26

15h00 - 5 km

**Age groups** : 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, and five year age groups as high as necessary.

### 5. WATER POLO

#### June 26

Training

#### 27 to 30

During 4 days : Competitions

**Age groups** : The age of the youngest member of the team determines the age group of the team. The following age group apply for men, mixed and women's teams : 30+, 35+, 40+, and five year intervals as high as necessary.

## VII FINA WORLD MASTERS CHAMPIONSHIPS 19 - 30 JUNE 1998 - CASABLANCA, MOROCCO QUALIFYING TIME STANDARDS

Qualifying Time Standards will apply to the following events and age groups. The Referee will have the right to withdraw a swimmer from a heat if he/she is excessively delaying the meet. Medals will not be awarded to those individuals exceeding the qualifying times.

WOMEN	200 FREE	400 FREE	800 FREE	200 BACK	200 BREAST	200 FLY	200 I.M.	400 I.M.
25 - 29	2:51.20	6:07.75	13:00.04	3:20.38	3:40.80	3:12.45	3:15.92	6:57.51
30 - 34	2:55.81	6:07.75	13:00.04	3:20.38	3:42.26	3:24.19	3:17.18	6:58.86
35 - 39	2:55.81	6:12.32	13:09.88	3:26.50	3:46.16	3:36.28	3:24.79	7:19.11
40 - 44	3:17.02	7:04.54	14:41.09	3:47.66	4:08.31	4:03.50	3:44.86	8:15.65
45 - 49	3:22.93	7:15.93	15:38.11	4:00.07	4:14.42	4:26.28	3:56.50	8:38.17
50 - 54	3:40.51	7:57.44	16:24.02	4:11.13	4:28.71	4:51.38	4:07.01	9:10.68
55 - 59	3:54.01	8:18.99	17:10.32	4:34.82	4:41.53	4:59.91	4:29.28	9:57.49
60 - 64	4:06.73	8:49.88	17:46.81	4:41.02	4:56.05	5:18.64	4:37.68	10:23.92
65 - 69	4:24.62	9:33.53	19:27.54	5:08.28	5:32.89	6:30.25	5:14.74	11:27.44
70 - 74	4:47.27	10:15.39	20:56.83	5:26.36	5:47.15	8:09.70	5:37.23	13:30.33
MEN	200 FREE	400 FREE	800 FREE	200 BACK	200 BREAST	200 FLY	200 I.M.	400 I.M.
25 - 29	2:32.69	5:35.20	11:45.21	2:53.50	3:15.06	2:52.46	2:50.52	6:18.66
30 - 34	2:34.00	5:35.20	11:48.61	2:59.25	3:17.96	2:53.05	2:55.42	6:24.81
35 - 39	2:39.19	5:46.34	11:51.10	3:06.40	3:25.08	3:03.86	3:00.44	6:32.68
40 - 44	2:51.13	6:10.18	12:52.82	3:18.47	3:36.87	3:18.48	3:12.96	7:04.08
45 - 49	2:56.18	6:23.30	13:11.82	3:30.26	3:45.81	3:18.68	3:23.54	7:27.02
50 - 54	3:00.83	6:49.28	14:05.34	3:37.28	3:54.72	3:41.38	3:31.25	7:46.48
55 - 59	3:11.09	7:02.53	14:33.25	3:52.96	4:07.29	4:08.96	3:45.24	8:19.38
60 - 64	3:26.35	7:28.64	15:48.05	4:03.50	4:15.28	4:30.83	3:55.34	8:59.11
65 - 69	3:30.87	7:45.15	16:26.83	4:18.52	4:37.29	4:52.24	4:12.76	9:31.27
70 - 74	3:53.14	8:34.57	19:02.90	4:40.24	4:54.11	5:24.97	4:40.02	10:19.58



## THE 1996-2000 FINA MASTERS COMMITTEE

Biographical Notes by June F. Krauser

**Victor NOGUEIRA** is the Chairman and lives in Lisboa (POR). He is 50 years young and in business he represents a pharmaceutical company. For twenty years his children have been in swimming. He is presently President of the Portugal Swimming Federation. This is his first term on the Masters Committee.

**Lin Min SHAN** is the Vice Chairman and lives in Taipei (TPE). This is Lin's third term on the Masters Committee. For twelve years Lin was Secretary General of the Chinese Taipei Swimming Association and is currently Chairman of the Asian Masters Federation. Lin has competed in all eight of the Masters World Championships.

**Bruce C. ROGERS C.A.** divides his time between Oakville, Ontario (CAN) and Ft Lauderdale, Florida (USA). He has been Secretary-Treasurer of ASUA and Secretary of the Aquatic Federation of Canada. This is Bruce's second term on the Masters Committee and he serves as Honorary Secretary. Bruce has competed in the two last World Masters Championships in Montreal and Sheffield.

**Ross M. CODY** lives in Guayanabo (PUR). Twenty years ago Rose brought synchronized swimming to Puerto Rico. Her daughter competed in the sport. Rose is on the 1997 FINA Synchronized Swimming Judges List. She worked with Bruce on the ASUA Committee since 1975.

**Allam FARID** is a first time member and he lives in Casablanca (MAR). He was a swimmer and water polo player until retiring in 1972. He is the General Secretary of the Moroccan Swimming Federation, President of the Masters Committee of Africa and General Secretary of the 1998 VII FINA Masters World Swimming Championships. He is also a judge for swimming and water polo.

**Daniel GARCIA**, member of the Masters Committee since 1992, is a Sports Medicine Doctor. President of the Federacion Uruguaya de Natacion since 1988, he was doctor of his national delegations at the South American, Pan-American, Olympic Games or World Championships between 1981 and 1988.

**June F. KRAUSER** has competed in all six World Championships and every USA National Championships since 1972. It is her third term on the Masters Committee. She was the second President of United States Masters for four years and Rules Chairman for 22 years. Currently she is on several National Committees, a Zone Rep and local Registration Chairman and Treasurer. June holds national and world records and competes in many competitions throughout the year.

**Tarja LJLJESTROM** lives in Helsinki (FIN) and she is a new member of the Masters Committee. She started diving at a young age and also coached diving. She was inactive until the Masters movement came along and as she loves diving and competing she got back into shape. Tarja is on the LEN Diving Committee and competed in Sheffield. She lectures and loves music.

**Lyall MORTIMER** is a Business Adviser (Health & Strategy) Marketing & Product Development Unit living in Wellington (NZL). He works for the Department of Labor. He has been in swimming all his life through his children. A life member of his club, he is also a Past President of New Zealand

Masters. He was meet director of one World Championship meet and has swum in four World Championships.

**Zvi RUTTERT**, another new member, has spent twenty years in his Federation. He lives in Sayon (ISR). He is deeply involved in all sports - particularly open water swimming.

**Frantisek STOCHI** lives in Plzen (CZE). He was one of the referees in Sheffield at the last World Championships. Frank is now head of the Czech Swimming Federation, a member of the LEN Masters Committee and also a member of the Long Distance Swimming Committee. This is Frank's first time on the Masters Committee.

**Ivan WINGATE** started swimming at age 18 and swam with Dawn Fraser. He lives in Tusmore SA (AUS). After leaving the amateur swimming ranks he helped organize the Professional Coaches. He currently serves Aussie Masters Swimming as their National Executive Director. This is Ivan's first tour on the Masters Committee.

**Nory KRUTCHEN** is the Bureau Member Liaison to the FINA Masters Committee. He lives in Echtmach (LUX). He is a physical education teacher. Nory has been with the Luxembourg Swimming Federation since 1978 and he is still Secretary General. He has been both a coach and a referee. He is currently Treasurer of the LEN.

## NEWS BRIEFS

### \* 1997 LATIN-AMERICA AND CARIBBEAN MASTERS SWIMMING CHAMPIONSHIPS

This coming September, the 4th Latin-American and Caribbean Masters Swimming Championships will be held at Oaxtepec, Mexico. This event is open ONLY to residents of Latin America and the Caribbean. The organizing committee for this meet is expecting close to 1,000 participants for the 5-day meet including an open-water race and a so-called "pre-master" category from 19-24.

### \* 1997 LEN CHAMPIONSHIPS IN PRAGUE

The next European Masters Swimming and Diving Championships will take place in the Czech Republic capital Prague on September 3-7, 1997. There will be some minor changes to the program of the last Championships held in Riccione (ITA) in 1995. The program was discussed by the LEN Masters Committee during their annual meeting in Jerusalem and has since been approved by the LEN Bureau.

Due to the very large entries in the past (2,854 swimmers in 1995), the LEN Masters Committee have decided on qualifying times for the 1997 Championships. These will only apply to 200m, 400m and 800m events. If a competitor fails to finish his event within the entry time, he will be placed without time or placing in the result list. The no false start rule will also be enforced and overhead starts will be utilized. In the 400 m and 800m freestyles there is to be deck seeding and two competitors in each line if necessary. The Championships are only open to registered Masters of LEN Federations.

### \* PUERTO RICO

Professor Manuel Jose de Jesus informed us that the National Championships in Puerto Rico will be open to all masters. Dates: August 15-17, 1998. Site : Piscina Universidad, Sagardo Corazon, Santurce. Information : fax 790-4333.

### \* USA

The 28th annual United States Masters Swimming National Short Course Championships took place on May 16-18 at one of the finest aquatic centers of the country, the King County Weyerhaeuser Aquatics center located in Federal Way, in Washington. The weather was gorgeous.

The meet started at 7.00 AM on three of the four days and consequently there were very early warm ups but it was nice to be through before dinner. It was the first time that the men started before the women. After the women starting first for the first 27 years it was a little difficult getting used to having the men go first.

There were 160 different clubs competing in three categories - Large Team, Medium Team and Small Team. There were 1,661 swimmers entered in the meet with 987 men and 574 women. All of the short course individual events were swum plus four relays - the 200m freestyle relay, the 200m medley relay, the 200 mixed freestyle relay and the 200 mixed medley relay.

The results are available and for the Women's Team Scores the Small Team (9 swimmers or less) was won by Rinconada Masters from California; Medium Team (10-28 swimmers) was won by New England Masters and Large Team (29 swimmers or more) was won by the host Pacific Northwest Association. In the Men's Club Scores the Small Team (11 swimmers or less) was won by El Segundo from California; Medium Team (12-23 swimmers) was won by The Olympic Club out of San Francisco; and the Large Team (34 swimmers or more) was won by Oregon Masters. And then there is combined club scoring with the Small Team (19 swimmers or less) being won by El Segundo; Medium Team (20-63 swimmers) won by the Olympic Club; and Large Team (64 swimmers or more) won by Pacific Northwest. There were many fine races providing lots of excitement and many USMS National records were broken at this fine facility!

## THANKS TOM

We were indeed fortunate in having the services of Tom Logan as Editor of our magazine. Unhappily, Tom announced his retirement. We profoundly regret his decision. He was the mainspring of FINA Masters News. We will not forget it and we thank him again.

Now, June F. Krauser, as editor, and the Secretariat at the FINA Office in Lausanne will be in charge of the coordination, preparation, printing and diffusion. With the cooperation of all Members of the FINA Masters Committee, the new team hopes to work as efficiently as Tom Logan did.

## FINA MASTERS NEWS

The first issue of the FINA MASTERS NEWS, the Official Newsletter of the FINA Masters Committee was published in June of 1993. The Newsletter is published twice a year, in June and December and includes Masters Swimming World Records as of May 1st and November 1st. The first two issues contained eight pages but with the third issue the Newsletter now consists of twelve pages. There was a special issue in September of 1996 (No 8) with the results of the World Championships in Sheffield (GBR).

Tom Logan (NZL) was responsible for the nine issues published to date. Tom is to be thanked for his long devotion to the FINA Masters Committee. Tom resigned from the Committee in January and at the recent FINA Masters Committee meeting in May, June Krauser was appointed to replace him.



It is very important to realize that information for this Newsletter has to be provided by the various Federations. The Newsletter Sub-Committee consists of Allam Farid representing Africa, Lin Min Shan (Asia), Frantisek Stochl (Europe), Ivan Wingate (Oceania) and June Krauser (America). The material should be provided in English. The addresses of the above can be found in the FINA Handbook, 1996-1998. We would like your national and international meets to be included in the Calendar provided they are open to all Masters. Information about listings should include :

1. Name of meet
2. Contact name and address
3. City where competition takes place
4. Date of Competition
5. Pool details : SC, LC, Meters, Yards, Electronic Timing, Manual Timing
6. Disciplines : Pool Swimming, Open Water Swimming, Diving, Water Polo, Synchronized Swimming

These details can be sent to any member of the Sub-Committee or directly to :

#### June Krauser

2308 NE 19th Avenue  
Ft. Lauderdale, FL 33305, USA  
Fax : (1-954) 564-8854  
Internet address : Juneswim@AOL.com

## NOTICES

### FINA MASTERS NEWS

The FINA Masters News has been published since 1993 twice yearly. Material for publication should be in to the Editor by 15th October for the December Edition and the 15th March for the June 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 3305, USA  
Fax : (1-954) 564-8854  
Email : Juneswim@AOL.COM

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 sent 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

## OTHERS MASTERS PUBLICATIONS

- **GUIDE FOR THE CONDUCT OF MASTERS SWIMMING EVENTS**  
(November 1994) US Dollars 7.-
- **MASTERS SWIMMING WORLD TOP TEN TABULATION 1996** - Yearly publication - To know the best in each category US Dollars 7.-

### 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 (such as 1996), for use in conjunction with the Top Ten, is also available at \$3.00 (US).

Address: FINA - Av. de Beaumont 9, 1012 Lausanne, Switzerland.

### FINA MASTERS OFFICIALS LIST No 1

Effective from January 1, 1995 to December 31, 1998

#### FINA MASTERS COMMITTEE

Mr Donald R. Blew (AUS)

Mr Lin Min Shan (TPE)

Mr Niane Sidate (SEN)

Mr Sergey Fesenko (UKR)

#### ARM - ARMENIA

ARM - Mr Igor Safarian

ARM - Mr Edward Mantashian

#### AUS - AUSTRALIA

AUS - Mrs Michele Burley-Jones

AUS - Mrs Kay Cox

AUS - Mr Gary Hoff

AUS - Mr Ivan Wingate

#### CAN - CANADA

CAN - Mr Don Hawkes

CAN - Mr Paul Jenkins

CAN - Mr Ivon St-Louis

CAN - Mrs Debbie Metejicka

#### CZE - CZECH REPUBLIC

CZE - Mr Frantisek Stochl

CZE - Mr Jiri Kalhous

#### ESP - SPAIN

ESP - Mrs Rosario Lopez

ESP - Mr Eduardo Ramirez

ESP - Mr Jose Luis Rodriguez

ESP - Mr Joaquin Mel

#### GER - GERMANY

GER - Mr Fred Glaas

GER - Mr Günter Achatz

GER - Dr Jörg Schlittsek

GER - Mr Dieter Habiger

#### GBR - GREAT BRITAIN

GBR - Mrs Ann Adams

GBR - Mr Tony Warn

#### ISL - ICELAND

ISL - Mr Sveinn Benonysson

#### IND - INDIA

IND - Mr H.G. Bhagat

IND - Mr P.A. Sridhara Rao

#### ITA - ITALY

ITA - Mr Martino Magni

#### JPN - JAPAN

JPN - Mr Keiji Hase

JPN - Mr Yoichi Nakamura

JPN - Mrs Miyoko Hanashima

JPN - Mr Mitsuru Asano

#### KOR - KOREA

KOR - Mr Park Soon-Seok

KOR - Mr Tak Il-Hae

KOR - Mr Kim Yeong-Kil

KOR - Mr Han Woo-Young

#### LAT - LATVIA

LAT - Mr Victor Saltykov

### NZL - NEW ZEALAND

NZL - Mr John Overwater

NZL - Mrs Sandra Bray

NZL - Mr John Trubnick

NZL - Mr Bruce Parr

### NOR - NORWAY

NOR - Mr Paul Nestaas

NOR - Mr Rigmor Rosmer

NOR - Mr Bjorn Rasmussen

NOR - Mr Nils Eknes

### OMA - OMAN

OMA - Abdulmunem Khamies Abdullah Al-Alawi

### PER - PERU

PER - Mrs Clarita Mujica De Arenas

### RSA - SOUTH AFRICA

RSA - Mrs Carol Becket

### SWE - SWEDEN

SWE - Mr Lars Edstedt

### UAE - UNITED ARAB EMIRATES

UAE - Ali Abdulla Ibrahim

UAE - Mohamed Faraj Sulaiman

UAE - Saeed Mubarak Obaid

UAE - Abdulla Mubarak Ali

### USA - UNITED STATES OF AMERICA

USA - Mr George A. Ways

USA - Mr F.H. Ted Haartz

USA - Mrs Roswita D. Norris

### VEN - VENEZUELA

VEN - Mr Luis Alfonso Mejias

### FINA MASTERS OFFICIALS LIST No 2

Effective from January 1, 1997 to December 31, 2000

### BAR - BARBADOS

BAR - Mr Errol Clark

### CAN - CANADA

CAN - Mr Ken Robertson

CAN - Mr Bill Hogan

CAN - Mrs Nicole Normandin

### CZE - CZECH REPUBLIC

CZE - Mr Jiri Kalhous

### GER - GERMANY

GER - Mrs Andrea Thielenhaus

### GBR - GREAT BRITAIN

GBR - Mr Tony Warn

GBR - Mr Colin Lade

GBR - Mr Robert Proctor

### ISL - ISLANDE

ISL - Mrs Svanhvit Johannsdottir

ISL - Mrs Jofridur Hanna Sigfusdottir

ISL - Mr Elias Atlason

### ITA - ITALY

ITA - Mr Antonio Farsetti

### KOR - KOREA

KOR - Tae-Keun Kwon

KOR - Sang-Duk Lee

KOR - Yong-Tae Lee

KOR - Mak-Dong Kim

### MRI - MAURITIUS

MRI - Mr Richard Meeterjoye

### RSA - SOUTH AFRICA

RSA - Mrs Elizabeth Cordell

RSA - Mrs Erina Adriana Schutte

RSA - Mr Anton Harrop-Alin

### SUI - SWITZERLAND

SUI - Heidi Vaudroz



# SWIMMERS THAT BROKE THE WORLD RECORD SINCE NOV 1, 1996

## WOMEN - LONG COURSE METERS

BONNIE PRONK	50	METRE BREAST	50-54	39.18	MAY 20 1996	CAN
UME WADA	200	METRE FREE	85-89	4:26.52	DEC 01 1996	JPN
UME WADA	200	METRE BREAST	85-89	5:38.79	DEC 01 1996	JPN
DEL ROWLEY	200	METRE BACK	90-94	9:16.56	OCT 19 1996	AUS

## MEN - LONG COURSE METERS

TODD BRYAN	1500	METRE FREE	45-49	17:38.65	AUG 25 1996	USA
TIM SHEAD	100	METRE BREAST	45-49	1:12.96	MAR 22 1997	RSA
RYUJI TAKAMINE	50	METRE FLY	55-59	29.20	DEC 01 1996	JPN
PETER GILMOUR	200	METRE FLY	55-59	2:40.52	JAN 18 1997	AUS
KOJI IWAMOTO	100	METRE FLY	55-59	1:08.94	FEB 16 1997	JPN
KOJI IWAMOTO	200	METRE FLY	55-59	2:47.14	FEB 15 1997	JPN
SHOGORO AZUMA	50	METRE BACK	85-89	49.50	FEB 15 1997	JPN
SHOGORO AZUMA	100	METRE BACK	85-89	1:59.68	FEB 16 1997	JPN
FRITZ MONKE	50	METRE BACK	90-94	1:07.48	JAN 11 1997	GER
ALFREDO CHERCHI	50	METRE BACK	90-94	1:06.09	FEB 01 1997	AUS

## RELAYS - LONG COURSE METERS

### COAST MASTERS - USA

COAST MASTERS - USA					
MAURINE KORNFELD		MARTI GOGNIAT	MAXINE MERLINO	MADELEINE MILLER	
WOMEN	200	METRE MEDLEY RELAY	320-359 YRS	4:42.96	AUG 11 1996

### COAST MASTERS - USA

COAST MASTERS - USA					
MAURINE KORNFELD		MAXINE MERLINO		MADELEINE MILLER	
MARTI GOGNIAT					
WOMEN 200 METRE FREE RELAY		320-359 YRS		4:12.88	
				AUG 11 1996	

### COAST MASTERS - USA

COAST MASTERS - USA					
LOUIS GIBERSON		WOODROW BOWERSOCK		WALTER PFEIFFER	
ROBERT CHRISTIANS					
MEN	200	METRE FREE	320-369 YRS	2:35.13	AUG 11 1996

## WOMEN - SHORT COURSE METERS

BIRGIT DEURING	200	METRE I.M.	25-29	2:23.47	NOV 03 1996	GER
BIRGIT DEURING	400	METRE I.M.	25-29	5:04.56	NOV 03 1996	GER

KARLYN PIPES-NEILSEN	200	METRE FREE	30-34	2:05.52	DEC 01 1996	USA
KARLYN PIPES-NEILSEN	200	METRE FREE	30-34	2:04.64	DEC 15 1996	USA
KARLYN PIPES-NEILSEN	400	METRE FREE	30-34	4:22.70	DEC 01 1996	USA
KARLYN PIPES-NEILSEN	200	METRE BACK	30-34	2:16.62	DEC 01 1996	USA
KARLYN PIPES-NEILSEN	100	METRE FLY	30-34	1:03.80	DEC 01 1996	USA
KARLYN PIPES-NEILSEN	200	METRE FLY	30-34	2:19.64	DEC 01 1996	USA
KARLYN PIPES-NEILSEN	400	METRE I.M.	30-34	4:53.85	DEC 15 1996	USA
DIANE GRANER-GALLAS	50	METRE BACK	30-34	30.40	DEC 01 1996	USA
DIANE GRANER GALLAS	50	METRE BACK	30-34	30.14	DEC 15 1996	USA
DIANE GRANER GALLAS	50	METRE FLY	30-34	29.20	DEC 15 1996	USA
LYNN MARSHALL	800	METRE FREE	35-39	9:21.94	OCT 05 1996	CAN
KARIN SEICK	100	METRE BACK	35-39	1:05.93	OCT 27 1996	GER
KARIN SEICK	200	METRE I.M.	35-39	2:25.26	OCT 27 1996	GER

ANIELLE OGIER	800	METRE FREE	40-44	10:03.82	OCT 13 1996	USA
LRIKE URBANIAK	200	METRE BREAST	40-44	2:53.85	FEB 07 1997	GER

LAURA VAL	50	METRE FREE	45-49	28.11	OCT 13 1996	USA
LAURA VAL	100	METRE FREE	45-49	1:01.76	OCT 13 1996	USA
LAURA VAL	200	METRE FREE	45-49	2:16.07	OCT 13 1996	USA
LAURA VAL	50	METRE BACK	45-49	32.39	OCT 13 1996	USA
LAURA VAL	100	METRE BACK	45-49	1:10.76	OCT 13 1996	USA
LAURA VAL	50	METRE FLY	45-49	30.50	OCT 13 1996	USA
LAURA VAL	100	METRE FLY	45-49	1:07.80	OCT 13 1996	USA
CONNY BOER-BUYS	50	METRE FREE	45-49	29.23	NOV 09 1996	NED
CONNY BOER-BUYS	50	METRE FREE	45-49	31.95	NOV 09 1996	NED
CONNY BOER-BUYS	100	METRE FREE	45-49	1:04.56	NOV 09 1996	NED
DEB WALKER	100	METRE BREAST	45-49	1:23.20	OCT 13 1996	USA

CAROLYN BOAK	800	METRE FREE	50-54	11:07.78	OCT 13 1996	USA
CAROLYN BOAK	200	METRE I.M.	50-54	2:52.74	OCT 13 1996	USA
CAROL FELLOWS	100	METRE I.M.	50-54	1:17.98	OCT 27 1996	GBR
BRIGITTE MERTEN	200	METRE I.M.	50-54	2:51.65	NOV 03 1996	GER

BONNIE PRONK	200	METRE BREAST	55-59	3:10.39	JAN 26 1997	CAN
BONNIE PRONK	400	METRE I.M.	55-59	6:32.89	JAN 26 1997	CAN
MONIKA SENFTLEBEN	50	METRE BREAST	55-59	40.02	MAR 01 1997	GER
ARDETH MUELLER	50	METRE FREE	55-59	30.37	NOV 03 1996	USA
ARDETH MUELLER	200	METRE FREE	55-59	2:28.30	NOV 03 1996	USA
ARDETH MUELLER	400	METRE FREE	55-59	5:15.91	NOV 03 1996	USA
ARDETH MUELLER	50	METRE FLY	55-59	34.33	NOV 03 1996	USA
ARDETH MUELLER	100	METRE FLY	55-59	1:21.52	NOV 03 1996	USA
ARDETH MUELLER	200	METRE FLY	55-59	2:55.05	NOV 03 1996	USA
SILVANA NABUCO DE ABREU	50	METRE BACK	55-59	36.98	OCT 13 1996	BRA

PAM HUTCHINGS	100	METRE BACK	60-64	1:28.61	OCT 19 1996	AUS
HAIKE HOLER	50	METRE FLY	60-64	38.03	JAN 19 1997	GER

GAIL ROPER	50	METRE FREE	65-69	34.17	OCT 13 1996	USA
GAIL ROPER	100	METRE FREE	65-69	1:17.14	OCT 13 1996	USA
GAIL ROPER	100	METRE FREE	65-69	1:16.26	DEC 15 1996	USA
GAIL ROPER	100	METRE I.M.	65-69	1:28.95	OCT 13 1996	USA
GAIL ROPER	100	METRE I.M.	65-69	1:29.17	DEC 01 1996	USA
GAIL ROPER	100	METRE I.M.	65-69	1:29.63	DEC 15 1996	USA
GAIL ROPER	400	METRE I.M.	65-69	7:07.69	DEC 15 1996	USA

LOIS NOCHMAN	200	METRE FLY	70-74	4:05.36	NOV 03 1996	USA
JUNE KRAUSER	400	METRE FREE	70-74	6:28.81	OCT 13 1996	USA
JUNE KRAUSER	1500	METRE FREE	70-74	24:57.85	NOV 02 1996	USA
JUNE KRAUSER	50	METRE FLY	70-74	45.17	OCT 13 1996	USA
JUNE KRAUSER	200	METRE FL	70-74	3:38.39	OCT 13 1996	USA
JUNE KRAUSER	100	METRE I.M.	70-74	1:38.73	OCT 13 1996	USA
JUNE KRAUSER	200	METRE I.M.	70-74	3:31.93	OCT 13 1996	USA
JUNE KRAUSER	400	METRE I.M.	70-74	7:24.32	OCT 13 1996	USA
MASUMI TANI	50	METRE FLY	70-74	44.54	NOV 04 1996	JPN
MARGARET CUNNINGHAM	100	METRE I.M.	70-74	1:42.17	NOV 09 1996	AUS

WILLY VAN RYSEL	50	METRE BACK	80-84	56.23	OCT 27 1996	GBR
WILLY VAN RYSEL	100	METRE BACK	80-84	2:06.92	OCT 27 1996	GBR

MARTI GOGNIAT	50	METRE BREAST	85-89	1:12.62	DEC 15 1996	USA
MARTI GOGNIAT	100	METRE BREAST	85-89	2:41.54	DEC 15 1996	USA
DAVOGLIO RINA	200	METRE BACK	85-89	5:23.00	FEB 09 1997	ITA

## MEN - SHORT COURSE METERS

ABRAHAM SOLANO	100	METRE BREAST	25-29	1:04.43	DEC 14 1996	USA
ABRAHAM SOLANO	200	METRE BREAST	25-29	2:20.43	DEC 14 1996	USA

DEAN PUTTERMAN	50	METRE BREAST	30-34	29.21	OCT 13 1996	USA
EDWIN VAN NORDEN	200	METRE I.M.	30-34	2:08.41	DEC 15 1996	NED

MIKE KECK	400	METRE FREE	35-39	4:15.96	OCT 13 1996	USA
GERALD MORKEN	100	METRE BREAST	35-39	1:06.53	NOV 03 1996	GER
JIMMY FURRER	400	METRE FREE	35-39	4:13.95	NOV 23 1996	SUI

SPENCER ELDRED	200	METRE BREAST	40-44	2:30.67	OCT 13 1996	USA
SPENCER ELDRED	200	METRE I.M.	40-44	2:15.07	OCT 13 1996	USA

TIM BRODERICK	200	METRE FREE	45-49	2:01.74	OCT 13 1996	USA
TIM BRODERICK	00	METRE FREE	45-49	2:00.13	DEC 15 1996	USA
TIM BRODERICK	400	METRE FREE	45-49	4:18.44	OCT 13 1996	USA
TIM BRODERICK	800	METRE FREE	45-49	8:56.08	OCT 13 1996	USA
JIM MCCONICA	400	METRE FREE	45-49	4:24.95	DEC 15 1996	USA
JIM MCCONICA	1500	METRE FREE	45-49	17:40.02	DEC 15 1996	USA
R TOD SPIEKER	400	METRE FREE	45-49	4:28.24	OCT 13 1996	USA
R TOD SPIEKER	1500	METRE FREE	45-49	17:55.27	DEC 15 1996	USA
R TOD SPIEKER	200	METRE BACK	45-49	2:21.50	DEC 15 1996	USA
BOO GRANER GALLAS	100	METRE FLY	45-49	1:02.03	DEC 15 1996	USA
BOO GRANER GALLAS	200	METRE FLY	45-49	2:19.73	DEC 15 1996	USA
TOM PERRIN	100	METRE FLY	45-49	1:01.13	NOV 03 1996	USA

KEEFE LODWIG	50	METRE FREE	50-54	25.74	OCT 13 1996	USA
KEEFE LODWIG	100	METRE FREE	50-54	56.63	OCT 13 1996	USA
KEEFE LODWIG	50	METRE FLY	50-54	28.38	OCT 13 1996	USA
TIM BIRNIE	100	METRE FREE	50-54	57.68	DEC 15 1996	USA
TIM BIRNIE	200	METRE FREE	50-54	2:06.76	DEC 15 1996	USA
TIM BIRNIE	100	METRE BACK	50-54	1:05.77	OCT 13 1996	USA
TIM BIRNIE	200	METRE BACK	50-54	2:24.39	DEC 15 1996	USA
ROBERT STRAND	0	METRE BREAST	50-54	32.54	OCT 13 1996	USA
ROBERT STRAND	50	METRE BREAST	50-54	32.01	DEC 15 1996	USA
ROBERT STRAND	100	METRE BREAST	50-54	1:11.29	OCT 13 1996	USA
ROBERT STRAND	100	METRE BREAST	50-54	1:09.96	DEC 15 1996	USA
ROBERT STRAND	200	METRE BREAST	50-54	2:36.95	OCT 13 1996	USA
ROBERT STRAND	200	METRE BREAST	50-54	2:34.71	DEC 15 1996	USA
ROBERT STRAND	100	METRE I.M.	50-54	1:06.13	OCT 13 1996	USA
ROBERT STRAND	100	METRE I.M.	50-54	1:04.97	DEC 15 1996	USA
ALISTAIR MACGREGOR	200	METRE FREE	50-54	2:08.87	AUG 31 1996	GBR
JOEL BURNS	50	METRE FLY	50-54	28.59	DEC 08 1996	USA
JOEL BURNS	100	METRE FLY	50-54	1:03.76	DEC 08 1996	USA
JIM DRAGON	50	METRE FREE	50-54	26.24	NOV 10 1996	USA
NICK LE CLERCQ	50	METRE FLY	50-54	28.57	JAN 19 1997	USA
NICK LE CLERCQ	100	METRE FLY	50-54	1:04.04	JAN 19 1997	USA
NICK LE CLERCQ	200	METRE FLY	50-54	2:28.11	JAN 19 1997	USA

RICHARD BASSI	50	METRE FLY	55-59	30.06	OCT 13 1996	USA
RICHARD BASSI	50	METRE FLY	55-59	29.78	DEC 15 1996	USA
KOJI IWAMOTO	100	METRE FLY	55-59	1:08.52	JAN 26 1997	JPN
KOJI IWAMOTO	200	METRE FLY	55-59	2:38.90	JAN 15 1997	JPN
VITTORIO ERMIRIO	800	METRE FREE	55-59	10:04.76	MAR 01 1997	ITA



RON JOHNSON	50	METRE FREE	65-69	29.34	OCT 26 1996	USA
RON JOHNSON	50	METRE BACK	65-69	35.06	OCT 26 1996	USA
RON JOHNSON	50	METRE FLY	65-69	31.87	DEC 15 1996	USA
RON JOHNSON	200	METRE FLY	65-69	3:06.43	DEC 15 1996	USA
RON JOHNSON	100	METRE I.M.	65-69	1:15.61	DEC 15 1996	USA
GRAHAM JOHNSTON	400	METRE FREE	65-69	5:09.09	DEC 15 1996	USA
GRAHAM JOHNSTON	400	METRE I.M.	65-69	6:04.40	NOV 23 1996	USA

JOSEPH KURTZMAN	100	METRE FLY	70-74	1:26.98	OCT 13 1996	USA
TOSHIO TAJIMA	50	METRE BREAST	70-74	38.60	NOV 24 1996	JPN

RICHARD REINSTADTLER	50	METRE FREE	85-89	39.96	JAN 19 1997	GER
RICHARD REINSTADTLER	100	METRE FREE	85-89	1:37.21	JAN 19 1997	GER
RICHARD REINSTADTLER	50	METRE BACK	85-89	51.31	JAN 19 1997	GER
RICHARD REINSTADTLER	50	METRE BACK	85-89	47.17	MAR 01 1997	GER
RICHARD REINSTADTLER	100	METRE BACK	85-89	2:01.95	JAN 19 1997	GER
RICHARD REINSTADTLER	200	METRE BACK	85-89	4:11.25	JAN 19 1997	GER
RICHARD REINSTADTLER	50	METRE FLY	85-89	58.08	JAN 19 1997	GER
RICHARD REINSTADTLER	100	METRE FLY	85-89	2:23.30	JAN 19 1997	GER
RICHARD REINSTADTLER	100	METRE I.M.	85-89	1:56.20	MAR 01 1997	GER

DAN DOTTERWEICH	200	METRE BACK	85-89	4:55.59	NOV 10 1996	USA
SHOGORO AZUMA	50	METRE BACK	85-89	52.27	FEB 02 1997	JPN

JOE KAUFMAN	200	METRE BACK	90-94	5:44.64	OCT 13 1996	USA
GUS LANGNER	1500	METRE FREE	90-94	44:48.99	NOV 10 1996	USA

## RELAYS - SHORT COURSE METERS

## SAN MATEO - USA

HELEN ROUMASSET	HILDA BUEL	ZADA TAFT	AUDREY ETIENNE
WOMEN	200	METRE MEDLEY RELAY	320-359 YRS 4:39.75 OCT 13 1996

## THE OLYMPIC CLUB - USA

TIM BIRNIE	ROBERT STRAND	RICHARD BASSI	JAMES KRUEGER
MEN	200	METRE MEDLEY RELAY	200-239 YRS 2:00.35 OCT 13 1996

## SAN DIEGO - USA

MARILYN FINK	KARLYN PIPES-NEILSEN	BARBARA DUNBAR	BETH KNIGHT
WOMEN	200	METRE MEDLEY RELAY	160-199 YRS 2:12.54 NOV 09 1996

## GOLD COAST MASTERS - USA

CYNTHIA BRUCE	JUNE KRAUSER	ANNE GRAMS	MARGARET CHARLTON
WOMEN	200	METRE MEDLEY RELAY	AGE 240-279 2:50.93 OCT 13 1996

## SAN DIEGO - USA

KARLYN PIPES-NEILSEN	BETH KNIGHT	MATHILDE BOUWMA	NANCY NORTH
WOMEN	200	METRE FREE RELAY	AGE 120-159 1:53.26 NOV 09 1996

## SAN DIEGO - USA

BETH KNIGHT	KARLYN PIPES-NEILSEN	LARRY CARTWRIGHT	LEE MENCH
MIXED	200	METRE FREE RELAY	160-199 YRS 1:47.38 NOV 09 1996

## ST. PETE - USA

LISA SUMMERS	WILLIAM SPECHT	JULIE MC KEITHEN-BUSSEY	STUART BARTON
MIXED	200	METRE FREE RELAY	120-159 YRS 1:45.78 OCT 13 1996

## NORTH CAROLINA - USA

JEANNIE MITCHELL	SALLY NEWELL	JOHN KORTHEUER	DICK WEBBER
MIXED	200	METRE MEDLEY RELAY	240-279 YRS 2:26.10 NOV 10 1996

## TOWNSVILLE - AUS

LESLIE MAYES	BEVERLY MC KENZIE	PENNY BOND	SUE SENENT
WOMEN	200	METRE FREE RELAY	120-159 YRS 1:54.52 NOV 09 1996

## S. CALIFORNIA AQUATIC - USA

BONNIE ADAIR	KAREN MELICK	GARY LANGENDOEN	BOB CONGELLIERE
MIXED	200	METRE MEDLEY RELAY	200-239 YRS 2:12.20 DEC 01 1996

## OAHU CLUB KIOICHO - JPN

SACHIKO UTA	YOSHIKO WATANABE	HIDEKO MORI	TAYO FURUTA
WOMEN	200	METRE MEDLEY RELAY	320-359 YRS 4:50.36 MARCH 23 1997

## FINA MASTERS WORLD RECORDS - RELAY SCM - DATED 1st MAY 1997

## RELAY 200 M. FREE - WOMEN

100-119	MICHIGAN-USA	03-31-96	1:45.93
	DYNE BURRELL	SUSIE DEVLIN	
	MARY MUETING	SHEILA TAORMINA	
120-159	SAN DIEGO-USA	11-09-96	1:53.26
	K.PIPES-NEILSEN	BETH KNIGHT	
	MATHILDE BOUWMA	NANCY NORTH	
160-199	SAN DIEGO-USA	10-22-96	1:59.23
	BARBARA DUNBAR	MARILYN FINK	
	SALLY KARRASCH	K PIPES-NEILSEN	
200-239	TAMALPAIS-USA	10-15-89	2:11.64
	ANGELA KONIG	LAVERNE ADAMS	
	SHERRY RADEMACHER	NANCY RIDOUT	
240-279	NEW ENGLAND-USA	12-11-94	2:25.52
	CLARA WALKER	JENNIFER LUKER	
	BILLIE A BURRILL	DIANE REED	
280-319	CRONULLA-AUS	10-21-95	2:50.32
	NANCY MITCHELL	BETTY STERN	
	BARBARA ROSE	HELEN EVANS	
320-359	ST PETE - USA	10-31-93	4:09.37
	MARIAN MCKECHNIE	WIN KENNEDY	
	FRANCES CICHANSKI	KAY SCHIMPF	

## RELAY 200 M. MEDLEY - WOMEN

100-119	SHEFFIELD-GBR	10-17-93	2:09.61
	HELEN PRATT	PIPPA JONES	
	LINZI GAYWOOD	LYNNE LEE	
120-159	SAN DIEGO-USA	12-11-94	2:05.27
	VICKY DAVIDSON	MATHILDE BOUWMA	
	KARLYN PIPES	BETH KNIGHT	
160-199	SAN DIEGO	11-09-96	2:12.54
	MARILYN FINK	K.PIPES-NEILSEN	
	BARBARA DUNBAR	BETH KNIGHT	
200-239	SG NEUKOLLN-GER	11-10-91	2:29.96
	SIEGRID KURTZ	MONIKA SENFTLEBEN	
	BRIGITTE MERTEN	MARGA SCHULZ	
240-279	SOLK HELLAS-SWE	03-24-96	2:45.48
	KERSTIN GJORES	BARBRO FLODSTROM	
	HARRIET DEGIORGIO	BRITT GRILLI	
280-319	KOEIKAI-JPN	09-24-95	3:19.43
	KUMIKO KUBO	TAZUKO YASUOKA	
	MASAKO HOTEHAMA	TOMIKO OMORI	
320-359	SAN MATEO-USA	10-13-96	4:39.75
	HELEN ROUMASSET	HILDA BUEL	
	ZADA TAFT	AUDREY ETIENNE	

## RELAY 200 M. FREE - M E N

100-119	B.COPTHALL-GBR	10-18-92	1:35.91
	MARK MATTHEWS	ANDY COTTER	
	JIM HOBBSLEY	KEVIN FROST	
120-159	BAYLOR/STAR-USA	03-21-92	1:37.89
	RICHARD HESS	DOUG MOYSE	
	M.RHODENBAUGH	BOBBY PATTEN	
160-199	COLONIALS-USA	04-21-96	1:40.74
	CHARLES NORELLI	THOMAS MEADE	
	MICHAEL SLENKER	GREGORY OXLEY	
200-239	S CAL AQUAT-USA	12-11-94	1:47.41
	FRED HUBBELL	FRANK PIEMME	
	FRANS NELSON	PETER O'KEEFFE	
240-279	BUCKEYE-USA	11-06-94	1:58.22
	SID HALL	YOSHI OYAKAWA	
	THOMAS OLANDER	JOHN FLORANCE	
280-319	SHUEI-JPN	11-03-93	2:11.55
	KEIJIRO NAKAMURA	EISAKU HAYASHI	
	ISAMU TAMURA	SHUICHI MURAYAMA	
320-359	LONG BEACH-USA	12-11-94	2:51.43
	WALTER PFEIFFER	JOHN GLENN	
	WOODROW BOWERSOCK	BOB CHRISTIANS	

## RELAY 200 M. MEDLEY - M E N

100-119	SODERTALJE-SWE	03-23-96	1:46.74
	TORKEL ARMAN	PETER HARALDSSON	
	JONAS AKESSON	ANDERS BLADH	
120-159	BAYLOR/STAR-USA	04-16-94	1:45.01
	JAY YARID	GREG RHODENBAUGH	
	BOBBY PATTEN	MOOK RHODENBAUGH	
160-199	COLONIALS-USA	04-09-95	1:54.75
	J NATHAN LEECH	GREGORY OXLEY	
	CHARLES NORELLI	ROBERT KROTEE	
200-239	OLYMPIC CLB-USA	10-13-96	2:00.35
	TIM BIRNIE	ROBERT STRAND	
	RICHARD BASSI	JAMES KRUEGER	
240-279	BUCKEYE-USA	11-06-94	2:16.44
	YOSHI OYAKAWA	THOMAS OLANDER	
	JOHN MEDICI	JOHN FLORANCE	
280-319	SHUEI-JPN	11-03-92	2:33.74
	GORO TANIGUCHI	HIROMU YOSHIMOTO	
	KEIICHI TOKUNAGA	SHUICHI MURAYAMA	
320-359	TOKYO-JPN	11-03-95	3:38.78
	SADAHIKO SHIMADA	Y.MIYAMOTO	
	KISABURO WADA	YAJIRO FUKUDA	



**RELAY 200 M. FREE - MIXED**

100-119	JARFALLA-SWE	03-25-90	1:46.19
120-159	ST.PETE-USA	10-13-96	1:45.78
160-199	LISA SUMMERS MCKEITHEN-BUSSEY SAN DIEGO-USA	WILLIAM SPECHT STUART BARTON 11-09-96	1:47.38
200-239	BETH KNIGHT LARRY CARTWRIGHT LINCOLN-USA	K.PIPES-NEILSEN LEE MENCH 10-15-89	1:57.25
240-279	PAUL HUTINGER COLLEEN MALMEN LOS ALTOS-USA	IRENE DAVID RAY PADOVAN 11-15-92	2:12.98
280-319	JOHN RICHARDS DELLA SEHORN OJAI S BAR-USA	JAY CRADDOCK LAURA VAL 10-15-95	2:35.36
320-359	FRANK PIEMME RUTH BAAR IBARAGI SC-JPN YUKIO TAMURA RITSUKO HAYASHIDA	GRACE ALTUS JURGEN SCHMIDT 05-19-96 HIROKO TSUCHIYA RYUJI FUJIKAWA	3:32.54

**RELAY 200 M. MEDLEY - MIXED**

100-119	LAKESIDE-USA	10-15-89	1:58.28
120-159	WILLIAM TINGLEY MICHAEL HIGGS LAKESIDE-USA	GINA GATTI MELINDA SCHMITT 10-15-89	1:58.28
160-199	WILLIAM TINGLEY MICHAEL HIGGS W HOLLYWOOD-USA	GINA GATTI MELINDA SCHMITT 06-24-94	2:01.59
200-239	ANDREA DEVUONO MICHAEL MEALIFFE S CAL AQUAT-USA	KAREN MELICK THOMAS REUDY 12-01-96	2:12.20
240-279	BONNIE ADAIR GARY LANGENDOEN N.CAROLINA-USA	KAREN MELICK BOB CONGELLIERE 11-10-96	2:26.10
280-319	JEANNIE MITCHELL JOHN KORTHEUER OJAI S BAR-USA	SALLY NEWELL DICK WEBBER 10-28-95	2:55.31
320-359	GAY COLLINS JURGEN SCHMIDT RIO MASTERS-BRA 1 ALBERTO MIBIELLI MARIA LENK	FRANK PIEMME RUTH BAAR 1-18-95 LUZIA CARACCILO GASTAO FIGUEIREDO	3:51.75

**FINA MASTERS WORLD RECORDS - RELAY LCM - DATED 1st MAY 1997**
**RELAY 200 M. FREE - WOMEN**

100-119	HOLMES-USA	08-28-88	1:53.20
20-159	MARY HOLMES BETH MAUER LONE STAR-USA	SUSAN HALFACRE TISH BUCHER 08-24-87	1:53.05
160-199	MONICA BURK L. MORRISON-CASEY REGATAS-PER	BRIGITTE HEUER JACKI HIRSTY 11-12-95	1:59.32
200-239	C CHANGANAQUI ROSARIO VIVANCO LOS ALTOS-USA	F CHANGANAQUI SANDRA CROUSSE 05-29-94	2:08.96
240-279	LAURA VAL DELLA SEHORN NEW ENGLAND-USA	SUSAN ROY CAROLYN BOAK 07-09-94	2:25.83
280-319	JENNIFER LUKER BILLIE BURRILL NEW ENGLAND-USA	DIANE REED CLARA WALKER 08-11-96	2:38.52
320-359	CLARA WLAKER PETEY SMITH COAST-USA	DIANE REED DIANE REED 08-11-96	4:12.88
	MAURINE KORNFELD MADELEINE MILLER	MAXINE MERLINO MARTI GOGNIAT	

**RELAY 200 M. MEDLEY - WOMEN**

100-119	HOLMES - USA	08-28-88	2:06.67
120-159	BETH MAUER TISH BUCHER HOLMES - USA	DEB WALKER MARY HOLMES - 88	2:08.21
160-199	LOS ALTOS-USA	05-29-94	2:12.91
200-239	CHRIS BREEDY LAURA VAL NEUK-GER	SUSAN ROY CAROLYN BOAK 07-05-92	2:27.18
240-279	BRIGITTE MERTEN HEIDI KAMPSCULTE DC MASTERS-USA	MONIKA SENFLEBEN MARGA SCHULZE 08-28-94	2:49.96
280-319	ANNE WALKER BARBARA FRID KOEI KAI-JPN	JAYNE BRUNER BARBARA ZAREMSKI 07-14-96	3:24.14
320-359	KUMIKO KUBO MASAKO HOTEHAMA COAST-USA	KAZUKO FUKAGAWA TOMIKO OMORI 08-11-96	4:42.96
	MAURINE KORNFELD MAXINE MERLINO	MARTI GOGNIAT MADELEINE MILLER	

**RELAY 200 M. FREE - M E N**

100-119	JYVASKYLAN-FIN	06-26-96	1:36.39
120-159	JANNE VIRTANEN JAANE VIRTANEN LONE STAR-USA	ARI JAAKKOLA TOMMY RUNDGREN 07-16-86	1:37.43
160-199	DAVID HAGUE TRIP HEDRICK HOLMES - USA	JAMES MONTGOMERY BUCK SMITH 08-11-90	1:39.27
200-239	JAMES LILLEY RICHARD ABRAHAMS OLYMPIC CLB-USA	C. MILTENBERGER TIMOTHY GARTON 07-09-94	1:46.69
240-279	MICHAEL GARIBALDI RICHARD BASSI GOST-USA	ROBERT STRAND JAMES ELDER 07-05-92	1:58.54
280-319	THOMAS OLANDER KEITH CARTER SHUEI-JPN	SID HALL JOHN FLORANCE 09-15-92	2:10.18
	SHUICHI MURAYAMA ISAMU TAMURA	JUZO TSUBOTA KEIJIRO NAKAMURA	

320-359	COAST - USA	08-11-96	2:35.13
	LOUIS GIBERSON WALTER PFEIFFER	WOODROW BOWERSOCK R CHRISTIANS	

**RELAY 200 M. MEDLEY - M E N**

100-119	POWERS-AUS	04-07-90	1:49.84
120-159	BRAD COOPER ANKER BRODERSEN RED FISH-SUI	NEIL GYNTHNER ANGUS WADDELL 07-09-94	1:48.75
160-199	PATRICK FERLAND THEOPHILE DAVID BAYLOR/LSTR-USA	ETIENNE DAGON STEFAN VOLERY 07-09-94	1:53.79
200-239	MEL NASH TRIPP HEDRICK OLYMPIC CLB-USA	BARRY HAMILTON DAVID HAGUE 07-09-94	1:58.50
240-279	TIM BIRNIE RICHARD BASSI BUCKEYE-USA	ROBERT STRAND JAMES ELDER 08-28-94	2:17.59
280-319	YOSHI OYAKOWA THOMAS OLANDER OREGON - USA	JOHN MEDICI JOHN FLORANCE 08-23-92	2:34.57
320-359	FLOYD ELIOTT ANDREW HOLDEN COAST - USA	BOB MORRISON GERALD HUESTIS 08-13-95	3:06.15
	BRION WINSHIP ROBERT CHRISTIANS	WALTER PFEIFFER WOODROW BOWERSOCK	

**RELAY 200 M. FREE - MIXED**

100-119	HOLMES - USA	- 88	1:43.89
120-159	HOLMES - USA	- 88	1:44.83
160-199 R	OCKY MT. - USA	07-05-92	1:47.46
200-239	CATHY DROZDA TOM WHATLEY LOS ALTOS - USA	JUDY REED RICHARD ABRAHAMS 07-09-94	1:55.50
240-279	EDWARD CAZALET ARLENE PROEBSTING HOLMES - USA	LAURA VAL ROBERT PROEBSTING - 88	2:09.67
280-319	OREGON - USA	08-23-92	2:31.29
320-359 DC	GERALD HUESTIS PETEY SMITH MASTERS-USA	ANDREW HOLDEN PAULINE STANGEL 08-01-93	3:03.15
	NANCY CLARK KELLEY LEMMON	ANNE WALKER DAVID MCAFEE	

**RELAY 200 M. MEDLEY - MIXED**

100-119	HOLMES - USA	08-28-88	1:56.58
120-159	BETH MAUER SAM SEIPLE MICHIGAN-USA	BRUCE HOWELL MARY HOLMES 08-25-96	1:57.58
160-199	DYNE BURRELL MICHAEL GREEN HOLMES - USA	MARK VANDERMAY CORRIN POPPS - 88	2:02.10
200-239	LOS ALTOS - USA	07-09-94	2:14.32
240-279	EDWARD CAZALET CAROLYN BOAK TEAM BC - CAN	TOM BOAK ARLENE PROEBSTING 05-19-96	2:27.54
280-319	JOAN PARNELL JACK KELSO HOLMES - USA	NICK TEMPLEMAN MARY LOU MONTETH - 88	2:37.98
320-359	11-26-95 ALBERTO MIBIELLI MARIA LENK	11-26-95 LUZIA CARACCILO GASTAO FIGUEIREDO	3:54.87



## FINA MASTERS WORLD RECORDS - WOMEN'S SHORT COURSE - DATED 1st MAY 1997

	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90-94
50 FREE	DYNE BURRELL USA 96 26.64	PETTIS-SCOTT USA 93 26.46	NEILSON-BELL USA 95 26.13	LAURA VAL USA 95 27.74	LAURA VAL USA 96 28.11	ESPARKLEY USA 96 30.30	A.MUELLER USA 96 30.37	JAYNE BRUNER USA 95 33.07	GAIL ROPER USA 96 34.17	CLARA WALKER USA 96 36.32	OLGA JOHNSON NZL 96 39.73	H.SUGAYA JPN 96 44.57	JULIA DOLCE USA 95 51.99	ANNA BAUSCHER USA 93 1:36.77
100 FREE	S.TAORMINA USA 96 56.30	SANDY NEILSON USA 88 57.35	NEILSON-BELL USA 94 57.71	LAURA VAL USA 93 1:00.68	LAURA VAL USA 96 1:01.76	A.MUELLER USA 91 1:06.41	YOSHIKO OSAKI JPN 94 1:11.18	JAYNE BRUNER USA 96 1:13.50	GAIL ROPER USA 96 1:16.26	CLARA WALKER USA 96 1:20.77	OLGA JOHNSON NZL 96 1:37.68	H.SUGAYA JPN 94 1:48.30	JULIA DOLCE USA 95 2:05.74	ANNA BAUSCHER USA 93 3:24.13
200 FREE	S.TAORMINA USA 96 1:59.78	PIPES-NEILSEN USA 96 2:04.64	NEILSON-BELL USA 95 2:07.58	LAURA VAL USA 95 2:14.14	LAURA VAL USA 96 2:16.07	A.MUELLER USA 91 2:27.95	A.MUELLER USA 96 2:30.30	JAYNE BRUNER USA 96 2:39.93	GAIL ROPER USA 96 2:51.30	CLARA WALKER USA 96 3:02.11	C.GANDOLPHO BRA 95 3:33.40	J.FEAN DURSTON USA 94 4:07.41	JULIA DOLCE USA 95 4:52.37	ANNA BAUSCHER USA 93 7:01.11
400 FREE	S.TAORMINA USA 96 4:24.18	PIPES-NEILSEN USA 96 4:22.70	BETH KNIGHT USA 94 4:33.17	LAURA VAL USA 95 4:42.94	B.DUNBAR USA 94 4:56.49	A.MUELLER USA 91 5:12.43	A.MUELLER USA 96 5:15.91	L.STOINOFF USA 93 5:38.06	JANE ASHER USA 96 6:00.99	JUNE KRAUSER USA 96 6:28.81	RITA SIMONTON USA 93 7:23.29	JUNE KRAUSER USA 94 8:39.15	JULIA DOLCE USA 95 10:19.41	ANNA BAUSCHER USA 93 14:16.35
800 FREE	S.TAORMINA USA 96 8:51.18	PIPES-NEILSEN USA 96 9:08.34	LYNN MARSHALL CAN 96 9:21.94	B.DUNBAR USA 94 9:43.10	B.DUNBAR USA 96 10:09.82	CAROLYN BOAK USA 96 11:07.78	YOSHIKO OSAKI JPN 96 11:24.24	L.STOINOFF USA 93 11:30.55	CLARA WALKER USA 92 12:35.26	JUNE KRAUSER USA 96 13:07.28	RITA SIMONTON USA 93 15:28.60	JUNE KRAUSER USA 94 17:51.63	JULIA DOLCE USA 95 22:22.74	ANNA BAUSCHER USA 93 28:45.45
1500 FREE	S.TAORMINA USA 96 16:36.07	GRANER GALLAS USA 96 17:23.60	BETH KNIGHT USA 94 17:43.10	B.DUNBAR USA 90 19:00.81	B.DUNBAR USA 96 19:14.97	CAROLYN BOAK USA 95 21:22.26	HIROMI SATO JPN 97 21:35.84	L.STOINOFF USA 94 22:54.51	CLARA WALKER USA 92 23:38.44	JUNE KRAUSER USA 96 24:57.85	RITA SIMONTON USA 93 29:30.20	JUNE KRAUSER USA 94 34:13.00	JULIA DOLCE USA 95 42:10.95	VERA FERNANCE USA 96 50:00.00
50 BACK	DIANE GRANER USA 89 30.63	GRANER GALLAS USA 96 30.14	LAURA VAL USA 91 32.50	LAURA VAL USA 93 31.55	LAURA VAL USA 96 32.39	STAKEUJI USA 95 35.55	BETSY JORDAN JPN 97 36.11	PAM HUTCHINGS USA 89 39.60	D.STEADMAN USA 89 40.48	D.STEADMAN USA 95 42.58	W.VAN RYSEL GBR 91 48.06	W.VAN RYSEL GBR 96 56.23	JEWEL COOKE USA 96 1:12.75	VERA FERNANCE USA 90 1:55.07
100 BACK	DIANE GRANER USA 89 1:04.66	PIPES-NEILSEN USA 95 1:03.96	K.BRANCH GER 96 1:05.93	LAURA VAL USA 95 1:10.45	LAURA VAL USA 96 1:10.76	NANCY FISHER USA 91 1:19.17	BETSY JORDAN USA 92 1:21.90	L.STOINOFF USA 95 1:28.61	D.STEADMAN USA 89 1:30.41	D.STEADMAN USA 95 1:35.66	W.VAN RYSEL GBR 91 1:48.13	W.VAN RYSEL GBR 96 2:06.92	M.GOTTSCALK USA 96 2:40.38	VERA FERNANCE USA 90 4:19.46
200 BACK	J.DE ROVER NED 92 2:17.86	PIPES-NEILSEN USA 96 2:16.62	S.BROWNSDON USA 94 2:31.78	LAURA VAL USA 95 2:34.04	LAURA VAL USA 96 2:37.35	ERNA LOSKAMP NED 94 2:48.88	M.SENFTLEBEN GER 97 3:00.66	JAYNE BRUNER USA 96 3:10.79	EDITH BOHM GER 94 3:15.72	MAUD POVEY GBR 93 3:27.79	W.VAN RYSEL GBR 91 4:00.43	W.VAN RYSEL GBR 96 4:36.90	MARTI GOGNIAT USA 96 5:23.00	D.VENNING USA 90 6:00.00
50 BRST	RIA WILLEMSE NED 90 33.60	S.BROWNSDON USA 96 33.13	L.OSBORNE USA 89 34.63	LAURA VAL USA 95 36.22	LAURA VAL USA 96 37.54	DEB WALKER GER 95 38.82	ERNA LOSKAMP FONOLLY 40.02	JAYNE BRUNER USA 96 41.74	EDITH BOHM GER 94 44.61	MAUD POVEY GBR 93 49.15	W.VAN RYSEL GBR 91 53.28	W.VAN RYSEL GBR 96 1:05.64	MARTI GOGNIAT USA 96 1:12.62	D.VENNING USA 90 1:49.01
100 BRST	RIA WILLEMSE NED 90 1:13.60	S.BROWNSDON USA 96 1:11.81	L.OSBORNE USA 89 1:16.70	LAURA VAL USA 95 1:19.88	LAURA VAL USA 96 1:23.20	DEB WALKER GER 95 1:25.73	ERNA LOSKAMP FONOLLY 1:28.13	JAYNE BRUNER USA 96 1:32.12	EDITH BOHM GER 94 1:41.41	MAUD POVEY GBR 93 1:49.64	W.VAN RYSEL GBR 91 1:59.41	W.VAN RYSEL GBR 96 2:19.17	MARTI GOGNIAT USA 96 2:41.54	D.VENNING USA 90 4:05.59
200 BRST	LOUISE KEUGH USA 94 2:40.90	S.BROWNSDON USA 96 2:40.51	L.OSBORNE USA 89 2:50.93	LAURA VAL USA 95 2:53.85	LAURA VAL USA 96 3:03.73	G.PIERSON GER 97 3:06.63	BONNIE PRONK CAN 97 3:10.39	JAYNE BRUNER USA 96 3:19.67	GAIL ROPER USA 95 3:41.93	M.EVANS GBR 94 3:55.30	H.MESSING GER 95 4:22.96	H.MESSING GBR 93 4:54.39	JEWEL COOKE USA 96 6:53.42	JEWEL COOKE USA 90 8:00.00
50 FLY	S.TAORMINA USA 96 28.68	GRANER GALLAS USA 96 29.20	LAURA VAL USA 91 30.05	LAURA VAL USA 95 30.17	LAURA VAL USA 96 30.50	DIANA TODD USA 94 33.85	A.MUELLER USA 96 34.33	HAIKE HOLER GER 97 38.03	GAIL ROPER USA 95 38.44	JUNE KRAUSER USA 96 44.54	CAN 96 52.18	JUNE KRAUSER USA 94 1:02.58	JEWEL COOKE USA 96 1:24.22	JEWEL COOKE USA 90 1:49.01
100 FLY	S.TAORMINA USA 96 1:01.33	PIPES-NEILSEN USA 96 1:03.80	M.VELIKONJA USA 93 1:07.28	LAURA VAL USA 95 1:06.86	LAURA VAL USA 96 1:07.80	DEB WALKER GER 95 1:12.66	A.MUELLER USA 96 1:21.52	HAIKE HOLER GER 96 1:29.15	GAIL ROPER USA 95 1:33.10	JUNE KRAUSER USA 96 1:40.20	M.MERLINO USA 88 2:12.17	M.MERLINO USA 94 2:28.34	JEWEL COOKE USA 96 3:20.81	JEWEL COOKE USA 90 4:05.59
200 FLY	PALMER-WHITE AUS 91 2:17.13	PIPES-NEILSEN USA 96 2:19.64	NEILSON-BELL USA 92 2:28.96	LAURA VAL USA 93 2:29.19	LAURA VAL USA 96 2:37.88	A.MUELLER USA 91 2:42.94	A.MUELLER USA 96 2:55.05	JAYNE BRUNER USA 96 3:17.00	GAIL ROPER USA 95 3:32.93	JUNE KRAUSER USA 96 3:38.39	M.MERLINO USA 88 4:48.50	M.MERLINO USA 94 5:22.65	JEWEL COOKE USA 96 7:12.95	JEWEL COOKE USA 90 8:00.00
100 I.M.	M.RODAHL NZL 89 1:06.84	PIPES-NEILSEN USA 95 1:05.16	NEILSON-BELL USA 92 1:08.15	LAURA VAL USA 93 1:11.65	LAURA VAL USA 96 1:14.41	A.MUELLER USA 91 1:17.98	A.MUELLER USA 96 1:21.25	JAYNE BRUNER USA 96 1:26.42	GAIL ROPER USA 95 1:28.95	JUNE KRAUSER USA 96 1:38.73	C.KERR CAN 96 1:51.66	MARIA LENK BRA 95 2:06.91	JEWEL COOKE USA 96 2:40.42	ANNA BAUSCHER USA 89 3:49.36
200 I.M.	B.DEURING GER 96 2:23.47	PIPES-NEILSEN USA 95 2:20.90	KARIN SEICK GER 96 2:25.26	LAURA VAL USA 92 2:33.89	LAURA VAL USA 96 2:42.88	B.MERTEN GER 96 2:51.65	YOSHIKO OSAKI JPN 93 3:11.59	JAYNE BRUNER USA 96 3:17.00	CLARA WALKER USA 91 3:18.77	JUNE KRAUSER USA 96 3:31.93	C.KERR CAN 96 4:12.37	MARIA LENK BRA 95 4:40.77	JEWEL COOKE USA 96 5:24.08	JEWEL COOKE USA 90 6:00.00
400 I.M.	B.DEURING GER 96 5:04.56	PIPES-NEILSEN USA 96 5:04.56	BETH KNIGHT USA 94 5:23.30	LAURA VAL USA 92 5:32.53	LAURA VAL USA 96 5:50.45	B.DUNBAR USA 95 5:56.24	BONNIE PRONK CAN 97 6:32.89	JUDIE OLIVER CAN 92 6:50.55	GAIL ROPER USA 96 7:07.69	JUNE KRAUSER USA 96 7:24.32	M.MERLINO USA 88 9:07.66	M.MERLINO USA 92 9:50.43	JEWEL COOKE USA 96 13:48.08	JEWEL COOKE USA 90 15:00.00



# FINA MASTERS WORLD RECORDS - MEN'S SHORT COURSE - DATED 1st MAY 1997

	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	100-104
50 FREE	ROBERT PEEL USA 93 22:48	ROWDY GAINES JPN 89 22:82	BRUCE STAHL USA 94 23:80	C. NORELLI USA 95 24:42	J. KOEN ANTHON NED 95 24:70	KEEFE LODWIG USA 96 25:74	DONALD HILL USA 96 26:60	BOB BAILE USA 95 27:32	S. YAMAMOTO JPN 96 29:25	FRANK PIEMME USA 95 30:59	KELLEY LEMMON USA 88 32:78	W. BOWERSOCK USA 93 35:16	REINSTADTLER GER 97 38:82	GUS LANGNER USA 93 50:09	TOM LANE USA 95 2:06:66
100 FREE	B. ZIKARSKY USA 95 1:48:81	ROWDY GAINES JPN 89 1:50:51	MARK MORGAN USA 94 1:57:08	RICK ABBOTT USA 95 1:57:83	TERRY DOWNES RSA 95 2:00:13	KEEFE LODWIG USA 96 2:06:76	DONALD HILL USA 96 2:17:95	BOB BAILE USA 95 2:21:31	R. ALBERICHE ESP 96 2:22:13	FRANK PIEMME USA 95 2:37:86	RAY TAFT USA 95 2:48:67	HIKIOI UEKI JPN 95 3:01:42	REINSTADTLER GER 97 3:44:09	GUS LANGNER USA 93 4:27:70	TOM LANE USA 95 4:32:29
200 FREE	JOHN KEPPeler USA 95 1:48:81	ROWDY GAINES JPN 89 1:50:51	MARK MORGAN USA 94 1:57:08	HESS YNTEMA USA 95 1:57:83	TIM BRODERICK USA 96 2:00:13	TIM BIRNIE USA 96 2:06:76	K. NISHINO JPN 93 2:17:95	G. JOHNSON USA 95 2:21:31	R. ALBERICHE ESP 96 2:22:13	FRANK PIEMME USA 95 2:37:86	RAY TAFT USA 95 2:48:67	HIKIOI UEKI JPN 95 3:01:42	REINSTADTLER GER 97 3:44:09	GUS LANGNER USA 93 4:27:70	TOM LANE USA 95 4:32:29
400 FREE	GAVIN LILLEY GBR 93 4:26:79	BRUCE HAYES USA 94 4:26:79	JAMES FURRER USA 95 4:26:79	HESS YNTEMA USA 96 4:26:79	TIM BRODERICK USA 96 4:26:79	ANGUS EDGILL USA 96 4:26:79	D. GALLAGHER USA 95 4:26:79	G. JOHNSON USA 95 4:26:79	G. JOHNSON USA 96 4:26:79	FRANK PIEMME USA 95 4:26:79	RAY TAFT USA 95 4:26:79	F. LOUGH CAN 95 4:26:79	GUS LANGNER USA 93 4:26:79	GUS LANGNER USA 93 4:26:79	GUS LANGNER USA 93 4:26:79
800 FREE	LENNARTSSON SWE 92 8:29:19	BRUCE HAYES USA 94 8:29:19	JAMES FURRER USA 95 8:29:19	HESS YNTEMA USA 96 8:29:19	TIM BRODERICK USA 96 8:29:19	ANGUS EDGILL USA 96 8:29:19	V. MIRMIO ITA 97 8:29:19	G. JOHNSON USA 95 8:29:19	G. JOHNSON USA 96 8:29:19	FRANK PIEMME USA 95 8:29:19	RAY TAFT USA 95 8:29:19	NORBERT ARTUS CAN 95 8:29:19	GUS LANGNER USA 93 8:29:19	GUS LANGNER USA 93 8:29:19	GUS LANGNER USA 93 8:29:19
1500 FREE	ROB WACKLE USA 92 16:23:21	BRUCE HAYES USA 94 16:23:21	A. BORGSTROM NOR 94 16:23:21	HESS YNTEMA USA 95 16:23:21	JIM MCCONICA USA 96 16:23:21	S. GALLETT GBR 94 16:23:21	D. HARRISON USA 94 16:23:21	G. JOHNSON USA 95 16:23:21	G. JOHNSON USA 96 16:23:21	FRANK PIEMME USA 95 16:23:21	ALDO DA ROSA ITA 93 16:23:21	D. WOODFORD USA 94 16:23:21	GUS LANGNER USA 93 16:23:21	GUS LANGNER USA 93 16:23:21	GUS LANGNER USA 93 16:23:21
50 BACK	MARTIN HARRISJAY YARD GBR 94 25:43	USA 94 25:43	CLAY BRITT USA 96 25:43	LACI PERENYI USA 95 25:43	ROBERT SMITH USA 89 25:43	ROBERT SMITH USA 94 25:43	GRAHAM SYKES GBR 93 25:43	JACK BEATTIE USA 94 25:43	RON JOHNSON USA 96 25:43	PAUL HUTINGER USA 94 25:43	G. TANGUCHI JPN 97 25:43	OTTO CLAUS GER 95 25:43	REINSTADTLER GER 97 25:43	GUS LANGNER USA 93 25:43	TOM LANE USA 95 25:43
100 BACK	MARTIN HARRISJAY YARD GBR 94 54:82	USA 93 54:82	CLAY BRITT USA 96 54:82	CLAY EVANS USA 95 54:82	PO. KEEFE USA 95 54:82	TIM BIRNIE USA 96 54:82	BARRY YOUNG NZL 94 54:82	JACK BEATTIE USA 94 54:82	ROGER FRANKS USA 94 54:82	PAUL HUTINGER USA 94 54:82	RAY TAFT USA 94 54:82	EDWARD SHEA USA 94 54:82	REINSTADTLER GER 97 54:82	JOE KAUFMAN USA 95 54:82	JOE KAUFMAN USA 95 54:82
200 BACK	MARTIN HARRISJAY YARD GBR 94 1:04:43	USA 93 1:04:43	W. SPECHT USA 93 1:04:43	JOHN MARCH CAN 95 1:04:43	R. TOD SPIEKER USA 96 1:04:43	TIM BIRNIE USA 96 1:04:43	BARRY YOUNG NZL 94 1:04:43	JACK BEATTIE USA 94 1:04:43	BOB BARRY USA 96 1:04:43	PAUL HUTINGER USA 94 1:04:43	RAY TAFT USA 94 1:04:43	EDWARD SHEA USA 94 1:04:43	REINSTADTLER GER 97 1:04:43	JOE KAUFMAN USA 96 1:04:43	JOE KAUFMAN USA 96 1:04:43
50 BRST	GUY FARROW USA 90 28:81	D. PUTTERMAN USA 96 28:81	GERALD MORKEN GER 97 28:81	MILTENBERGER USA 93 28:81	ROBERT STRAND USA 95 28:81	ROBERT STRAND USA 96 28:81	H. KOTEGAWA JPN 93 28:81	H. KOTEGAWA JPN 96 28:81	N. TEMPLEMAN CAN 96 28:81	TOSHIO TAJIMA ITA 93 28:81	A. ROMANO ITA 94 28:81	K. WITTENBERG GER 91 28:81	K. WITTENBERG GER 95 28:81	S. YOSHIDA JPN 96 28:81	S. YOSHIDA JPN 96 28:81
100 BRST	A. SOLANO USA 96 1:04:43	FRANK VIVIER NED 94 1:04:43	GERALD MORKEN GER 97 1:04:43	MILTENBERGER USA 93 1:04:43	ROBERT STRAND USA 95 1:04:43	ROBERT STRAND USA 96 1:04:43	M. SANGUILY USA 88 1:04:43	AKIO SUGIYAMA JPN 95 1:04:43	N. TEMPLEMAN CAN 96 1:04:43	B. GREENBERG USA 94 1:04:43	A. ROMANO ITA 94 1:04:43	H. YOSHIMOTO JPN 95 1:04:43	D. DOTTERWEICH USA 93 1:04:43	GUS LANGNER USA 93 1:04:43	GUS LANGNER USA 93 1:04:43
200 BRST	A. SOLANO USA 96 2:20:43	SEERGE SCORE CAN 95 2:20:43	SEERGE SCORE USA 96 2:20:43	S. ELDERED USA 96 2:20:43	ROBERT STRAND USA 95 2:20:43	ROBERT STRAND USA 96 2:20:43	D. GALLAGHER USA 96 2:20:43	THOMAS WALKER GBR 95 2:20:43	N. TEMPLEMAN CAN 96 2:20:43	KARL HAUTER GER 95 2:20:43	ALDO DA ROSA ITA 94 2:20:43	J. MORSCHER AUT 96 2:20:43	F. GRIFFITHS AUS 93 2:20:43	GUS LANGNER USA 94 2:20:43	GUS LANGNER USA 94 2:20:43
50 FLY	JONAS AKESSON M. BOTTOM SWE 96 25:40	USA 89 25:40	W. SPECHT USA 93 25:40	RICK ABBOTT USA 95 25:40	DAN THOMPSON USA 93 25:40	KEEFE LODWIG USA 96 25:40	R. TAKAMINE JPN 97 25:40	BOB BAILE USA 95 25:40	RON JOHNSON USA 96 25:40	FRANK PIEMME USA 95 25:40	RAY TAFT USA 95 25:40	JESSE COON USA 91 25:40	REINSTADTLER GER 97 25:40	REINSTADTLER GER 97 25:40	REINSTADTLER GER 97 25:40
100 FLY	M. HERRMANN USA 95 56:11	HIROSHI MIURA JPN 96 56:11	W. SPECHT USA 93 56:11	HESS YNTEMA USA 95 56:11	TOM PERRIN USA 96 56:11	JOEL BURNS USA 96 56:11	KOJI IWAMOTO JPN 97 56:11	JACK HALE GBR 86 56:11	H. HUNTSICKER USA 95 56:11	J. KURTZMAN USA 96 56:11	PAUL KRUP USA 92 56:11	W. PFEIFFER USA 94 56:11	REINSTADTLER GER 97 56:11	REINSTADTLER GER 97 56:11	REINSTADTLER GER 97 56:11
200 FLY	GAVIN LILLEY GBR 93 2:05:97	IAN BECK GBR 96 2:05:97	W. SPECHT USA 94 2:05:97	HESS YNTEMA USA 95 2:05:97	GRANIER GALLAS USA 96 2:05:97	NICK LECLERCQ USA 97 2:05:97	KOJI IWAMOTO JPN 97 2:05:97	WERNER MULLER GER 95 2:05:97	RON JOHNSON USA 96 2:05:97	R. PERSDORFF GER 95 2:05:97	PAUL KRUP USA 92 2:05:97	W. PFEIFFER USA 94 2:05:97	JESSE COON USA 95 2:05:97	GUS LANGNER USA 93 2:05:97	GUS LANGNER USA 93 2:05:97
100 I.M.	MARTIN HARRIS GBR 94 56:90	HIROSHI MIURA JPN 96 56:90	RICHARD HESS USA 92 56:90	RIC COOLEY USA 89 56:90	A. MCPHERSON USA 94 56:90	ROBERT STRAND USA 96 56:90	JACK KELSEY CAN 96 56:90	M. TANEKE JPN 96 56:90	RON JOHNSON USA 96 56:90	FRANK PIEMME USA 95 56:90	RAY TAFT USA 94 56:90	W. PFEIFFER USA 94 56:90	REINSTADTLER GER 97 56:90	GUS LANGNER USA 94 56:90	GUS LANGNER USA 94 56:90
200 I.M.	JOHN KEPPeler USA 95 2:05:93	NED 96 2:05:93	E. VAN NORDEN USA 94 2:05:93	MATT CLARK USA 96 2:05:93	S. ELDERED USA 94 2:05:93	STEVE HECK USA 96 2:05:93	JOHN CLAVER CAN 95 2:05:93	JACK KELSEY USA 91 2:05:93	G. JOHNSON ESP 96 2:05:93	R. ALBERICHE ESP 96 2:05:93	J. DOMINGUEZ RAY TAFT 2:05:93	W. BOWERSOCK USA 94 2:05:93	EISENSCHMIDT USA 91 2:05:93	EISENSCHMIDT USA 91 2:05:93	EISENSCHMIDT USA 91 2:05:93
400 I.M.	JOHN KEPPeler USA 95 4:26:79	NED 96 4:26:79	J. FRENTOS USA 94 4:26:79	MIKE KECK USA 96 4:26:79	HESS YNTEMA USA 95 4:26:79	N. JURY USA 96 4:26:79	S. GALLETT GBR 94 4:26:79	D. GALLAGHER USA 93 4:26:79	G. JOHNSON USA 96 4:26:79	FRANK PIEMME USA 95 4:26:79	RAY TAFT USA 94 4:26:79	W. PFEIFFER USA 94 4:26:79	EISENSCHMIDT USA 91 4:26:79	EISENSCHMIDT USA 91 4:26:79	EISENSCHMIDT USA 91 4:26:79



## FINA MASTERS WORLD RECORDS - WOMEN'S LONG COURSE - DATED 1st MAY 1997

	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	100-104
50 FREE	SARA SHAND USA 91 26.68	NEILSON-BELL USA 88 26.37	NEILSON-BELL USA 93 26.89	NEILSON-BELL USA 96 27.39	A.MUELLER USA 87 29.08	A.MUELLER USA 93 29.33	C.O'DWYER USA 96 32.04	JAYNE BRUNER USA 94 33.11	GAIL ROPER USA 96 34.17	CLARA WALKER USA 96 36.13	J.DRAKE-BROCK USA 96 38.22	H.SUGAYA JPN 94 41.31	UME WADA JPN 96 49.84	AILEEN SOULE USA 96 55.76	MARY MAINA AUS 94 5:10.84
100 FREE	SARA SHAND USA 91 58.23	NEILSON-BELL USA 88 58.09	NEILSON-BELL USA 94 58.94	NEILSON-BELL USA 96 1:00.63	C.BOER-BUYS NED 96 1:04.79	CAROL FELLOWS GBR 96 1:07.34	YOSHIO OSAKI JPN 93 1:11.01	JANE ASHER GBR 91 1:14.25	JANE ASHER GBR 96 1:15.29	CLARA WALKER USA 96 1:21.57	J.DRAKE-BROCK USA 96 1:30.42	UME WADA JPN 91 1:39.30	JULIA DOLCE USA 95 2:00.68	AILEEN SOULE USA 96 2:19.62	AILEEN SOULE USA 96 5:21.55
200 FREE	SARA SHAND USA 89 2:07.11	BETH KNIGHT USA 89 2:07.84	BETH KNIGHT USA 94 2:08.93	BETH KNIGHT USA 96 2:14.97	B.DUNBAR USA 96 2:22.85	A.MUELLER USA 93 2:29.22	YOSHIO OSAKI JPN 93 2:36.58	L.STOINOFF USA 93 2:43.83	CLARA WALKER USA 92 2:48.51	CLARA WALKER USA 96 3:04.56	CLARA WALKER USA 96 3:37.64	UME WADA JPN 92 3:44.00	UME WADA JPN 96 4:26.52	AILEEN SOULE USA 96 5:21.55	AILEEN SOULE USA 96 5:21.55
400 FREE	SARA SHAND USA 89 4:27.53	PIPES-NEILSEN USA 96 4:28.76	BETH KNIGHT USA 94 4:31.35	BETH KNIGHT USA 96 4:48.82	B.DUNBAR USA 96 4:59.86	A.MUELLER USA 91 5:16.62	YOSHIO OSAKI JPN 93 5:26.57	L.STOINOFF USA 93 5:47.52	CLARA WALKER USA 92 6:05.22	CLARA WALKER USA 96 6:33.15	CLARA WALKER USA 96 7:33.09	UME WADA JPN 91 8:23.50	UME WADA JPN 96 10:44.25	AILEEN SOULE USA 96 10:44.25	ANNA BAUSCHER USA 94 30:55.09
800 FREE	EVA MORTENSEN GBR 96 9:17.09	LYNN MARSHALL CAN 92 9:16.82	ETH KNIGHT USA 94 9:20.62	ETH KNIGHT USA 96 9:57.69	B.DUNBAR USA 96 10:20.34	A.MUELLER USA 91 10:58.47	YOSHIO OSAKI JPN 93 11:30.97	L.STOINOFF USA 93 12:01.79	CLARA WALKER USA 92 12:27.60	CLARA WALKER USA 96 13:15.45	CLARA WALKER USA 96 15:13.28	UME WADA JPN 91 17:21.19	UME WADA JPN 96 21:54.01	AILEEN SOULE USA 96 30:55.09	AILEEN SOULE USA 96 30:55.09
1500 FREE	AMY POPE USA 88 17:38.78	KAREN BURTON USA 96 17:38.70	BETH KNIGHT USA 94 17:59.12	BETH KNIGHT USA 96 19:00.40	B.DUNBAR USA 96 19:28.34	A.MUELLER USA 91 21:02.46	L.STOINOFF USA 93 22:18.91	L.STOINOFF USA 93 22:50.81	CLARA WALKER USA 92 24:07.05	CLARA WALKER USA 96 25:11.23	CLARA WALKER USA 96 29:45.90	JEAN DURSTON USA 95 33:00.94	JEAN DURSTON USA 95 43:35.59	AILEEN SOULE USA 96 43:35.59	AILEEN SOULE USA 96 43:35.59
50 BACK	DIANE GRANER USA 89 30.80	GRANER GALLAS USA 96 30.94	LAURA VAL USA 90 32.39	LAURA VAL USA 94 32.25	B.DUNBAR USA 96 34.12	S.TAKEUJI JPN 92 34.87	M.WILDING GBR 96 36.77	PAM HUTCHINGS AUS 96 39.09	CLARA WALKER USA 92 39.85	CLARA WALKER USA 96 42.29	CLARA WALKER USA 96 46.64	AUS 89 53.73	AUS 91 58.42	AILEEN SOULE USA 96 1:03.49	AILEEN SOULE USA 96 1:03.49
100 BACK	M.RODAHL NZL 89 1:06.46	GRANER GALLAS USA 96 1:05.42	ZEVA HERRMANN USA 94 1:08.49	ZEVA HERRMANN USA 92 1:11.03	B.BAZUREAU FRA 96 1:13.15	S.TAKEUJI JPN 95 1:18.86	BRA 96 1:21.41	NABUJO DE ABREV BRA 96 1:27.46	D.STEADMAN USA 90 1:31.58	D.STEADMAN USA 95 1:35.11	D.STEADMAN USA 96 1:47.58	AUS 89 2:01.87	AUS 91 2:13.13	AILEEN SOULE USA 96 2:23.23	AILEEN SOULE USA 96 2:23.23
200 BACK	DIANE GRANER USA 89 2:19.97	PIPES-NEILSEN USA 96 2:18.98	ZEVA HERRMANN USA 94 2:26.66	ZEVA HERRMANN USA 92 2:36.89	B.BAZUREAU FRA 96 2:42.60	S.TAKEUJI JPN 92 2:51.11	BETSY JORDAN USA 92 2:59.18	PAM HUTCHINGS AUS 96 3:10.08	EDITH BOEHM USA 90 3:17.12	D.STEADMAN USA 95 3:28.69	D.STEADMAN USA 96 3:57.14	AUS 89 4:22.89	AUS 91 4:47.82	AILEEN SOULE USA 96 9:16.56	AILEEN SOULE USA 96 9:16.56
50 BRST	S. SEMINATORE ITA 89 32.01	M. MOHMANI GBR 88 34.56	L. WETZEL-OSBO USA 89 34.41	DAGMAR FRESE GER 96 35.88	SUSAN ROY USA 94 36.97	CAN 96 39.18	JAYNE BRUNER USA 91 39.91	JAYNE BRUNER USA 96 42.48	EDITH BOEHM GER 96 43.42	TSUNEKO MITA JPN 94 49.47	B. CHRISTIAN USA 96 52.06	D. WESTON GBR 93 59.60	MARTI GOGNIAT USA 96 1:09.85	MARTI GOGNIAT USA 96 2:13.81	MARTI GOGNIAT USA 96 2:13.81
100 BRST	C. MUSTARD GBR 96 1:15.31	M. MOHMANI GBR 88 1:14.52	L. WETZEL-OSBO USA 90 1:17.44	DAGMAR FRESE GER 96 1:18.57	SUSAN ROY USA 94 1:22.27	E. BROWWICH GBR 95 1:28.70	JAYNE BRUNER USA 92 1:29.88	JAYNE BRUNER USA 96 1:34.12	EDITH BOEHM GER 96 1:42.04	AGNES PUSSON FRA 94 1:51.36	B. CHRISTIAN USA 96 2:00.48	D. WESTON GBR 93 2:17.08	UME WADA JPN 96 2:39.02	UME WADA JPN 96 5:06.09	UME WADA JPN 96 5:06.09
200 BRST	S. DAVIES GBR 90 2:42.02	H. KOSHIMIZU JPN 95 2:46.81	DAGMAR HILBIG GER 96 2:50.66	DAGMAR FRESE GER 96 2:56.17	DEB WALKER USA 96 3:05.29	A. MUELLER USA 93 3:11.56	CLARA WALKER USA 96 3:18.11	JAYNE BRUNER JPN 96 3:24.38	GAIL ROPER USA 96 3:45.71	CLARA WALKER USA 96 4:03.16	CLARA WALKER USA 96 4:27.26	MARIA LENK GBR 93 5:01.36	JEWEL COOKE JPN 96 5:38.79	JEWEL COOKE JPN 96 10:39.50	JEWEL COOKE JPN 96 10:39.50
50 FLY	R. SEAMAN USA 87 28.79	BEVERLY BEL 96 29.17	S. HALFACRE USA 88 29.27	S. HALFACRE USA 94 29.89	A. MUELLER USA 87 30.74	A. MUELLER USA 93 31.69	GAIL ROPER USA 85 35.29	JAYNE BRUNER USA 94 38.10	GAIL ROPER USA 96 39.18	CLARA WALKER USA 96 43.62	CLARA WALKER USA 96 53.84	BRA 95 1:01.41	BRA 96 1:26.39	ANNA BAUSCHER USA 94 4:57.25	ANNA BAUSCHER USA 94 4:57.25
100 FLY	R. SEAMAN USA 87 1:03.91	BEVERLY BEL 96 1:04.80	S. HALFACRE USA 88 1:05.39	S. HALFACRE USA 94 1:06.27	A. MUELLER USA 87 1:12.67	A. MUELLER USA 93 1:13.86	C. O'DWYER USA 96 1:23.30	HAKE HOLER GER 96 1:30.17	GAIL ROPER USA 96 1:36.68	CLARA WALKER USA 96 1:40.85	CLARA WALKER USA 96 2:19.44	JEAN DURSTON USA 94 2:27.91	JEAN DURSTON USA 94 3:01.14	JEAN DURSTON USA 94 3:01.14	JEAN DURSTON USA 94 3:01.14
200 FLY	PALMER-WHITE USA 92 2:18.69	PIPES-NEILSEN USA 96 2:20.12	LAURA VAL USA 89 2:26.38	LAURA VAL USA 95 2:32.59	B. DUNBAR USA 94 2:38.78	A. MUELLER USA 91 2:49.53	CLARA WALKER USA 96 3:17.68	JAYNE BRUNER GBR 94 3:26.76	JAYNE BRUNER USA 94 3:36.25	CLARA WALKER USA 96 3:39.91	CLARA WALKER USA 96 4:54.79	CLARA WALKER USA 96 5:24.52	CLARA WALKER USA 96 7:18.41	CLARA WALKER USA 96 7:18.41	CLARA WALKER USA 96 7:18.41
200 I.M.	S. DAVIES GBR 90 2:22.00	KARLYN PIPES USA 96 2:25.68	J. LALLIER USA 94 2:28.93	LYNN MARSHALL USA 96 2:38.18	C. MCCLOSKEY USA 95 2:46.22	B. MERTEN USA 92 2:52.11	YOSHIO OSAKI JPN 95 3:15.30	YOSHIO OSAKI JPN 95 3:15.30	JANE ASHER GBR 96 3:20.26	JANE ASHER GBR 96 3:33.75	JANE ASHER GBR 96 4:12.09	M. LENK ZIGLER USA 95 4:41.09	M. LENK ZIGLER USA 95 6:17.06	M. LENK ZIGLER USA 95 6:17.06	M. LENK ZIGLER USA 95 6:17.06
400 I.M.	S. DAVIES GBR 90 5:05.29	H. KOSHIMIZU JPN 95 5:05.05	LYNN MARSHALL CAN 96 5:24.93	LYNN MARSHALL USA 93 5:39.70	B. DUNBAR USA 96 5:53.25	A. MUELLER USA 92 6:12.08	YOSHIO OSAKI JPN 93 6:18.94	YOSHIO OSAKI JPN 93 6:57.33	CLARA WALKER USA 92 7:09.69	CLARA WALKER USA 96 7:30.91	CLARA WALKER USA 96 9:11.23	M. MERLINO USA 92 10:05.13	M. MERLINO USA 92 13:15.87	M. MERLINO USA 92 13:15.87	M. MERLINO USA 92 13:15.87



# FINA MASTERS WORLD RECORDS - MEN'S LONG COURSE - DATED 1st MAY 1997

	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
50 FREE	K.DEFORREST USA 83 22.59	ROWDY GAINES JPN 94 23.20	ROWDY GAINES JPN 94 23.20	RICK ABBOTT USA 95 24.39	TERRY DOWNES RSA 94 25.18	KEEFE LODWIG USA 96 25.93	PERGENGREN SWE 94 27.05	BOB BAILE USA 95 27.80	R.AUBERICH EAP 96 28.78	KELLEY LEMMON USA 84 29.35	LYLE COLLET USA 83 32.50	W.BOWERSOCK USA 93 33.88	F.GRIFFITHS AUS 93 41.53	GUS LANGNER USA 93 48.70	WHITEMORE USA 95 141.72	TOM LANE USA 94 205.49
100 FREE	J.MONTGOMERY USA 81 51.25	ROWDY GAINES USA 91 51.50	ROWDY GAINES USA 95 51.49	ROWDY GAINES FRA 96 54.45	TERRY DOWNES RSA 94 55.66	KEEFE LODWIG USA 96 57.86	JEFF FARRELL USA 95 1:00.87	JEFF FARRELL USA 92 1:02.80	R.AUBERICH ESP 96 1:03.39	FRANK PIEMME USA 95 1:10.16	RAY TAFT USA 95 1:13.84	H.KOJII UEKI JPN 95 1:19.28	F.GRIFFITHS AUS 93 1:41.27	GUS LANGNER USA 93 1:57.91	TOM LANE USA 95 4:25.98	
200 FREE	J.H.KEPPEL USA 81 1:52.17	ROWDY GAINES USA 90 1:54.04	ROWDY GAINES USA 95 1:55.36	ROWDY GAINES HES YNTEMA 2:01.16	TIM BRODERICK USA 96 2:03.71	A.MACGREGOR GBR 96 2:08.98	JEFF FARRELL USA 94 2:17.63	DONALD HILL USA 92 2:21.74	FRANK PIEMME ESP 96 2:28.43	FRANK PIEMME USA 96 2:38.43	RAY TAFT USA 95 2:51.62	H.KOJII UEKI JPN 95 3:03.45	GUS LANGNER USA 88 3:48.91	GUS LANGNER USA 93 4:28.34		
400 FREE	CHIP HOBSON USA 94 4:05.99	ROWDY GAINES USA 93 4:07.04	ROWDY GAINES USA 95 4:07.64	ROWDY GAINES HES YNTEMA 4:20.37	TIM BRODERICK USA 96 4:24.37	S.GALLETLY GBR 94 4:43.72	D.HARRISON USA 94 4:57.21	G.JOHNSTON USA 95 5:04.56	G.JOHNSTON USA 96 5:03.36	FRANK PIEMME USA 95 5:48.08	RAY TAFT USA 96 6:17.36	H.KOJII UEKI JPN 95 6:40.63	GUS LANGNER USA 88 8:14.50	GUS LANGNER USA 93 9:44.11		
800 FREE	N.GRANGER FRA 94 8:29.22	ROWDY GAINES USA 93 8:40.19	ROWDY GAINES USA 95 8:38.73	ROWDY GAINES HES YNTEMA 8:57.66	TODD BRYAN USA 96 9:16.09	D.GALLAGHER USA 96 9:49.89	D.HARRISON USA 94 10:25.67	G.JOHNSTON USA 95 10:34.02	G.JOHNSTON USA 96 10:37.14	FRANK PIEMME USA 95 12:03.73	RAY TAFT USA 96 12:58.14	CAN 94 13:50.05	GUS LANGNER USA 88 17:11.21	GUS LANGNER USA 93 20:13.74		
1500 FREE	CAMERON REID USA 87 16:28.69	ROWDY GAINES USA 93 16:36.06	ROWDY GAINES USA 95 16:37.34	ROWDY GAINES HES YNTEMA 16:58.52	HUGH WILDER USA 96 17:38.65	S.GALLETLY GBR 93 18:49.43	BURWELL JONES USA 90 19:54.72	G.JOHNSTON USA 95 20:04.73	G.JOHNSTON USA 96 20:16.54	FRANK PIEMME USA 95 23:03.23	RAY TAFT USA 96 24:51.78	DOMI SUZUKI JPN 95 28:54.95	GUS LANGNER USA 83 33:08.42	GUS LANGNER USA 93 36:47.02		
50 BACK	MARTIN HARRIS GBR 94 26.68	SEAN MURPHY USA 94 27.26	SEAN MURPHY USA 98 28.04	THOMPSON MANICLAY EVANS USA 96 29.10	HUGH WILDER USA 93 30.42	JOHN SMITH USA 88 30.93	YOSHI OYAKAWA USA 92 32.94	YOSHI OYAKAWA USA 94 33.13	GANDSEY USA 89 35.47	PAUL HUTINGER USA 95 37.10	RAY TAFT USA 94 39.49	TOSHII SATO JPN 95 43.15	S.AZUMA JPN 97 49.50	PETER JURCZYK USA 97 106.09	TOM LANE USA 95 205.54	
100 BACK	MARTIN HARRIS GBR 94 57.93	SEAN MURPHY USA 93 58.66	SEAN MURPHY USA 90 1:00.95	OM WOLF USA 95 1:03.39	PETER O'KEEFE USA 95 1:05.64	JOHN CLAVERT USA 96 1:08.52	BARRY YOUNG NZL 94 1:12.33	BARRY YOUNG USA 94 1:14.72	BOB BARRY AUS 96 1:20.62	PAUL HUTINGER USA 95 1:24.14	RAY TAFT USA 94 1:29.52	EDWARD SHEA JPN 96 1:39.11	S.AZUMA JPN 97 1:59.68	PETER JURCZYK USA 95 2:34.82	TOM LANE USA 94 4:57.01	
200 BACK	MARTIN HARRIS GBR 94 2:05.86	SEAN MURPHY USA 90 2:05.62	SEAN MURPHY USA 95 2:18.17	OM WOLF USA 95 2:18.17	PETER O'KEEFE USA 95 2:23.84	JOHN CLAVERT USA 96 2:30.37	BARRY YOUNG NZL 94 2:37.16	BARRY YOUNG USA 93 2:45.93	BOB BARRY AUS 96 2:53.42	K.IKAKAMURA JPN 95 3:10.07	RAY TAFT USA 94 3:15.00	EDWARD SHEA JPN 96 3:42.95	S.AZUMA JPN 97 4:43.49	PETER JURCZYK USA 95 5:36.88		
50 BRST	J.PARRACK USA 96 2:26.32	DAVID GUTHRIE USA 91 2:24.06	DAVID GUTHRIE USA 95 2:24.37	DAVID GUTHRIE USA 95 2:32.17	DAVID GUTHRIE USA 94 2:41.02	ROBERT STRAND USA 96 2:40.57	H.KOTEGAWA JPN 93 2:55.59	AKIO SUGIYAMA JPN 95 3:03.03	AKIO SUGIYAMA JPN 95 3:03.03	TOSHIO TAJIMA JPN 95 3:15.00	H.YOSHIMOTO JPN 90 3:26.27	H.YOSHIMOTO JPN 95 4:00.73	K.WITTENBERG GER 95 4:36.86	A.KALLUNKI FIN 95 6:24.54		
100 BRST	J.PARRACK GBR 96 1:04.11	D.LUNDBERG USA 91 1:05.65	DAVID GUTHRIE USA 95 1:05.67	DAVID GUTHRIE USA 95 1:09.79	STRANDS/HEAD USA 96 1:12.96	ROBERT STRAND USA 96 1:12.38	J.KORTHEUER USA 88 1:17.87	THOMAS WALKER GBR 96 1:20.56	THOMAS WALKER CAN 96 1:26.06	R.PERSDORFF GER 96 1:31.05	A.ROMANO ITA 93 1:37.55	H.YOSHIMOTO JPN 95 1:46.92	K.WITTENBERG GER 95 2:12.18	G.S.EJOURNE FRA 96 3:08.18		
200 BRST	A.SOLANO USA 96 2:26.32	D.LUNDBERG USA 91 2:24.06	DAVID GUTHRIE USA 95 2:24.37	DAVID GUTHRIE USA 95 2:32.17	G.PREINER GER 94 2:41.02	ROBERT STRAND USA 96 2:40.57	TEX HARASZTI USA 96 2:55.59	THOMAS WALKER GBR 96 2:58.37	K.KNOPPS CAN 96 3:14.03	A.ROMANO ITA 94 3:26.27	A.ROMANO ITA 94 3:34.86	ANTON CERER USA 96 4:00.73	HAROLD PERRY USA 96 4:36.86	GUS LANGNER USA 93 6:24.54		
50 FLY	DEFOREST/BOTTOM USA 83/84 25.16	M.BOTTOM USA 88 25.31	RICHARD HESS USA 93 25.93	RICHARD HESS USA 95 26.62	KEEFE LODWIG USA 92 27.12	R.TAKAMINE USA 96 27.74	BOB BAILE JPN 96 29.20	BOB BAILE USA 95 30.35	FRANK PIEMME USA 96 33.16	FRANK PIEMME USA 96 33.79	RAY TAFT USA 94 37.57	JESSE COON USA 95 47.24	JESSE COON USA 95 57.93			
100 FLY	M.BOTTOM USA 84 56.34	MIKE BOTTOM USA 88 56.60	JEFF STUART USA 96 56.60	JEFF STUART USA 95 59.02	GRANER GALLAS USA 96 1:02.47	TONY JARVIS GBR 96 1:05.82	KOJI IWAMOTO JPN 97 1:08.94	VALDY DOBLER USA 94 1:14.98	J.KURTZMAN USA 92 1:20.59	ANTON CERER USA 96 1:24.84	ANTON CERER USA 92 1:39.80	ANTON CERER USA 96 1:52.37	JESSE COON USA 96 2:30.73			
200 FLY	M.LUKASEK TCH 84 2:05.25	BOBBY PATTEN USA 95 2:03.85	BOBBY PATTEN USA 96 2:06.74	BOBBY PATTEN USA 95 2:12.43	GRANER GALLAS USA 96 2:21.84	PETER GILMORE USA 93 2:32.65	PETER GILMORE AUS 97 2:40.52	JOHN MASTERS USA 90 3:00.99	J.KURTZMAN USA 91 3:08.79	J.KURTZMAN USA 96 3:26.05	RAY TAFT USA 92 3:43.56	ANTON CERER USA 96 4:12.40	JESSE COON USA 93 5:24.28			
200 I.M.	N.GRANGER FRA 94 2:07.00	D.LUNDBURG USA 91 2:09.69	DIAN MADRUGA BRA 94 2:15.21	DIAN MADRUGA USA 95 2:17.64	TIM BRODERICK USA 96 2:22.06	T.GARTON USA 93 2:28.70	BARRY YOUNG NZL 94 2:40.01	BARRY YOUNG USA 93 2:50.08	R.AUBERICH ESP 96 3:06.43	J.DOMINGUEZ USA 94 3:24.38	RAY TAFT USA 96 3:47.18	ANTON CERER USA 96 4:40.15	PETER JURCZYK AUS 93 6:59.87			
400 I.M.	N.GRANGER FRA 94 4:31.47	SEAN MURPHY USA 94 4:40.22	S.FESEKNO UKR 94 4:50.18	SEAN MURPHY USA 95 4:53.03	TIM BRODERICK USA 96 5:10.08	JOHN CAUVERT USA 96 5:20.78	BARRY YOUNG NZL 94 5:45.62	G.JOHNSTON USA 91 6:04.99	R.AUBERICH ESP 96 6:05.15	FRANK PIEMME USA 95 7:21.75	RAY TAFT USA 96 8:16.33	ANTON CERER USA 96 10:28.43	F.GRIFFITHS AUS 94 10:28.43			



## CALENDAR OF MASTERS OPEN EVENTS NATIONAL AND INTERNATIONAL

### 1997

JULY	12	<b>USMS 2 mile Cable Championships</b> Linda McCowan, 13613 Prince William Drive Midlothian VA 23113, USA, Tel: (1-804) 379 2537
	19	<b>USMS 10 mile Open Water Championships</b> Seal Beach Swim Club, PO Box 605, Seal Beach CA 90740, USA, Tel: (1-310) 430 4380
	26-27	<b>Spanish Masters Long Course Championships</b> Federacion Espanola Natacion, c/o Juan Jardon Juan Esplanadiu 1, E 28007 Madrid, SPAIN, Tel: (34-1) 409 7062
AUG	14-17	<b>USMS Long Course National Championships</b> Larry Peck, 5625 Satel Dr, Orlando, Florida USA, Tel: (1-407) 647 7793
SEP	3-7	<b>VI European Masters Swimming and Diving Championships</b> Czech Swimming Federation, Mezi Stadiony, PS 40 16017 Praha 6, CZECH REPUBLIC, Fax: (42-2) 2051 3278
	13-14	<b>Swiss Masters Short Course Championships</b> Walter Rohrer, Unterstaedtlstr. 17, CH-9470, Buchs SWITZERLAND, Fax: (49-81) 772 4884
	21	<b>Dutch Masters Short Course Championships</b> Rob Hanou, Alblaserdamstraat 36, NL-6843 NJ, Arnhem NETHERLANDS, Fax: (31-26) 381 2001
	21	<b>USMS 5km Open Water Championships</b> Tom Katsouleas, 20452 Pacific Coast Hwy Malibu, CA 90625, USA, Tel: (1-801) 456 3657
OCT	24-26	<b>A.S.A Masters Short Course Championships</b> A.S.A c/o Judy Mott, Harold Fern House Derby Square, Loughbrough, LE11 0AL, ENGLAND, Fax: (44-1509) 610 121
	25-26	<b>Finnish Masters Long Course Championships</b> Matti Miettinen, Kiulupolku, 6 C 13 Fin-11710 Rilimaki, FINLAND, Tel: (358) 14 723 131

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MAR	27-29	<b>New Zealand Long Course Masters Swimming Championships</b> NZMS Nationals 98, 3 Madison Place, Miramar Wellington, NZ, Tel & Fax: (64-4) 388 2489 email: saxton_ingrid@bah.com.nz, Swimming - LC Meters, Wellington, NZ
APR	11-13	<b>Aussi Masters National Swim</b> Pauline Samson, PO Box 242, Rosry Park 7018, Tasmania AUSTRALIA, Fax: (61-02) 43 6665, Swimming - LC Meters Hobart, Tasmania, Aus - Electronic Timing
	23-26	<b>YMCA National Championships</b> Stu Marvin, ISHOF Aquatic Complex, 501 Seabreeze Blvd Ft. Lauderdale, FL 33316 USA, Tel: (1-954) 468 1580 Fax: (1-954) 468 1582, Swimming - SC Yards - Electronic Timing
MAY	7-10	<b>USMS National Short Course Championships</b> Indianapolis, IN USA, Swimming - SC Yards - Electronic Timing, IUPU Pool
JUN	19-30	<b>1998 VII FINA World Masters Swimming Championships</b> Allam Farid, 28 rue Argana (ex rue Seguein), Casablanca MOROCCO, Tel: Home (212-2) 201 450, Office (212-2) 395 601, Fax: (212-2) 398 754 All Disciplines - LC Meters - Electronic Timing - Casablanca MAR
AUG	20-23	<b>USMS National Long Course Championships</b> Stu Marvin, ISHOF Aquatic Complex, 501 Seabreeze Blvd Ft. Lauderdale, FL 33316 USA Tel: (1-954) 468 1580, Fax: (1-954) 468 1582 Swimming - LC Meters - Ft. Lauderdale, FL USA, Electronic Timing