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2:14.46	Maria Santalo, FIN 5:11.24
2:14.55	Prelims Kathleen Nord, GDR 4:47.94 Michelle Griglione, USA 4:47.96
2:14.81	Kathleen Nord, GDR 4:47.94
. 2:14.95	Michelle Griglione, USA 4:47.96
. 2:15.01	Noemi Lung, ROM 4;49.14
2:16.05	Sonia Biagova, BUL 4:50.42
2:17.04	Cornelia Sirch, GDR 4:53.06
. 2:17.05	Roberta Felotti, ITA 4:54.48 Suzanne Landells, AUS 4:54.64
. 2:17.49	Christine Magnier, FRA 4:54.84
2:17.55	Christine Magnier, FRA 4:54.84 Katrine Bomstad, NOR 4:55.97
2:17.76	Birgit Schulz, FRG 4:59.14
2:17.85	Birgit Schulz, FRG 4:59.14 Marianne Muis, HOL 5:00.22
2:18.18	Marianne Muis, HOL
. 2:18.33*	Beda Leirvaag, NOR 5:01.77
2:20.25	Donna McGinnis, CAN 5:02.42
2:21.07	Anette Philipsson, SWE 5:03.59
. 2:22.08	Sara Erieby CAN 5:06:05
. 2:22.42*	Claudia Sprengel RRA 5:10:31
. 2:23.53	Maria Santalo, FIN 5:12.74
. 2:24.85	S. Astola, ESP
2:25.29	Valentina Aracil, ARG 5:21.21
2:25.73	Maria Santalo, FIN 5:12.74 S. Astola, ESP 5:16.44 Valentina Aracil, ARG 5:21.21 Mayra Kikuchi, BRA 5:25.35
2:26.53	
2:28.92	400 M MEDLEY RELAY—Aug. 22
. 2:30.06	Championship Final GDR
2:37.61	GDR
. 2:42.18	Holland
0.100100100	Holland
21	USSR
al .	Bulgaria4:13.54
2:15.56	West Germany 4:13.64 France
2:15.84	France 4:15.75* Prelims GDR 4:12.59
2:16.05	CDP 4:12 50
. 2:17.26	Holland 4:12.94
2:18.04	Italy 4:13.50*
2:18.86	Italy
2:19.64	Bulgaria4:15.39
2 Herbstocker	USSR 4:15.65
2:19.45	France
2:20.07	United States 4:16.77
2:20.32	Canada 4:19.16 Great Britain
2:21.71	Great Britain 4:19.37
2:21.89	Nonvey 4:20.28
. 2:22.75	Norway
2:23.12	Argentina 4:30.10
	Brazil 4:30.95*
2:17.79	Costa Rica 4:31.70
2:18.19	
2:18.34	Puerto Rico 4:39.88
2:18.45	
2. 10.40	400 M FREESTYLE RELAY—Aug. 19
2:18.60	400 M FREESTYLE RELAY—Aug. 19 Championship Final
2:18.60	400 M FREESTYLE RELAY—Aug. 19 Championship Final GDR3:40.57**
. 2:18.60 . 2:18.82 . 2:19.45	400 M FREESTYLE RELAY—Aug. 19 Championship Final GDR
. 2:18.60 . 2:18.82 . 2:19.45 . 2:20.19	400 M FREESTYLE RELAY—Aug. 19 Championship Final GDR
. 2:18.60 . 2:18.82 . 2:19.45 . 2:20.19 . 2:21.07	400 M FREESTYLE RELAY—Aug. 19 Championship Final GDR
. 2:18.60 . 2:18.82 . 2:19.45 . 2:20.19 . 2:21.07 . 2:21.59 . 2:21.69	400 M FREESTYLE RELAY—Aug. 19 Championship Final GDR
. 2:18.60 . 2:18.82 . 2:19.45 . 2:20.19 . 2:21.07 . 2:21.59 . 2:21.69	400 M FREESTYLE RELAY—Aug. 19 Championship Final GDR
2:18.60 2:18.82 2:19.45 2:20.19 2:21.07 2:21.59 2:21.69 2:22.06 2:22.24	400 M FREESTYLE RELAY—Aug. 19 Championship Final GDR
2:18.60 2:18.82 2:19.45 2:20.19 2:21.07 2:21.69 2:21.69 2:22.06 2:22.24 2:22.62	400 M FREESTYLE RELAY—Aug. 19 Championship Final GDR
2:18.60 2:18.82 2:19.45 2:20.19 2:21.07 2:21.59 2:21.69 2:22.06 2:22.24 2:22.62	400 M FREESTYLE RELAY—Aug. 19 Championship Final GDR
2:18.60 2:18.82 2:19.45 2:20.19 2:21.07 2:21.59 2:21.69 2:22.06 2:22.24 2:22.62 2:22.72 2:23.05	400 M FREESTYLE RELAY—Aug. 19 Championship Final GDR
2:18.60 2:18.82 2:19.45 2:20.19 2:21.07 2:21.59 2:21.69 2:22.06 2:22.24 2:22.62 2:22.72 2:23.05 2:23.06	400 M FREESTYLE RELAY—Aug. 19 Championship Final GDR
2:18.60 2:18.82 2:19.45 2:20.19 2:21.07 2:21.69 2:22.06 2:22.24 2:22.62 2:22.72 2:23.05 2:23.11	400 M FREESTYLE RELAY—Aug. 19 Championship Final GDR
2:18.60 2:18.82 2:19.45 2:20.19 2:21.07 2:21.59 2:21.69 2:22.06 2:22.24 2:22.62 2:22.72 2:23.05 2:23.06	400 M FREESTYLE RELAY—Aug. 19 Championship Final GDR

NOTE: The high school and prep school All-America lists published in the August issue of Swimming World are compiled and cosponsored by the National Interscholastic Swimming Coaches Association (NISCA) and the National Spa and Pool Institute (NSPI). Any questions should be addressed to Ernest Bomar, NSPI, 2111 Eisenhower Ave., Alexandria, VA 22314.

Switzerland Sweden Italy Norway Spain Costa Rica Brazil Finland Puerto Rico Chinese Taipel	3:51.86 3:52.78* 3:54.08* 3:58.43 4:03.96 4:04.39 4:05.27 4:08.33 4:09.92*
800 M FREESTYLE RELAY— Championship Final	Aug. 17
GDH. United States Holland West Germany France (Leadoff: Jardin 2:03.31*)	. 7:59.33** . 8:02.12* . 8:09.59* . 8:12.78 . 8:15.85
Canada	. 8:18.61 . 8:18.96* . 8:22.11
GDR. Holland France United States Great Britain West Germany	. 8:08.93 . 8:13.88 . 8:14.01* . 8:15.03
Canada	8:21.16
Italy Sweden Costa Rica Brazil Chinese Taipei Spain	. 8:56.63
MEN 50 M FREESTYLE—Aug. 22 Championship Final Tom Jager, USA	22 49#
Iom Jager, USA Dano Halsall, SUI Matt Blondi, USA Peng Siong Ang, SIN Stefan Volery, SUI Per Johansson, SWE Jorg Wolthe, GDR Gennadiy Prigoda, USSR	22.80
Matt Biondi, USA	22.85
Stefan Volery, SUI	23.08
Jorg Woithe, GDR	23.12
Gennadiy Prigoda, USSR Consolation Final	23.27
Consolation Final Gregory Fasala, AUS Hans Kroes, HOL Nils Liedberg, SWE	23.01
Nils Liedberg, SWE	23.53
Patrick Dybiona, HOL Franz Mortensen, DEN	23.55
Patrick Dyblona, HOL Franz Mortensen, DEN Andrew Jameson, GBR Matthias Lutze, GDR Blair Hicken, CAN Prelims	23.73
Blair Hicken, CAN	23.78
Stefan Volery, SUI	22.62#
Tom Jager, USA	22.66
Dano Halsall, SUI	22.83
Peng Siong Ang, SIN Dano Halsall, SUI Matt Blondi, USA Gennadiy Prigoda, USSR Per Johansson, SWE Jorg Wolthe, GDR Hans Kroes, HOL Gregory Fasala, AUS Franz Mortensen, DEN Nils Liedberg, SWE Andrew Jameson, GBR Patrick Dybiona, HOL Matthias Lutze, GDR	22.89
Per Johansson, SWE	23.03*
Hans Kroes, HOL	23.27
Franz Mortensen, DEN	23.42
Nils Liedberg, SWE Andrew Jameson, GBR	23.49
Patrick Dybiona, HOL	23.54
Blair Hicken, CAN	23.57*
Marcos Goldenstein, BRA	23.59
Giovanni Franceschi, ITA Sergev Smirjagin, USSR	23.63
Andre Schadt, FRG	23.75
Fernando Rodriguez, PER	23.91*
Patrick Dybiona, MOL Matthias Lutze, GDR Blair Hicken, CAN Marcos Goldenstein, BRA Tzvetan Golomeev, BUL Giovanni Franceschi, ITA Sergey Smiriagin, USSR Andre Schadt, FRG Petr Kladiva, TCH Fernando Rodriguez, PER Mark Foster, GBR Matthew Renshaw, AUS Jose Medina, MEX	24.01
Cyro Delgado, BRA Regent Lacoursiere, CAN Sergio Esteves, POR Luis Manuel Martin, ESP Yves Clausse, LUX Ka-sunori Fujiwara, JPN Alexander Pilhatsch, AUT Anthony Nesty, SUR Antonio Portela, PUR Hans Foerster, ISV Lyes Mahfoudia, ALG Declan Connaughton, IRL Sadri Özun, TUR	24.13
Luis Manuel Martin, ESP	24.16
Ka-sunori Fujiwara, JPN	24.36
Anthony Nesty, SUR	24.40
Antonio Portela, PUR	24.46
Lyes Mahfoudia, ALG	24.57*
Sadri Ozun, TUR	24.64
Sadri Ozun, TUR Mohamed Yussef, EGY Joaquin Herrero, ESP Manuel Guzman, PUR Harald Signinger, AUT	24.71*
Manuel Guzman, PUR Harald Sinzinger, AUT	24.82
Harald Sinzinger, AUT Juan Tavares, DOM	25.05
Lee Ta Lin, TPE	25.32
Lee Ta Lin, TPE Ronald Pickard, ISV Mika Lohi, FIN	25.53
Mika Lohi, FIN Chen Cheng I, TPE Michele Piva, SMR Daniele Piva, SMR	25.91
100 M FREESTYLE—Aug. 19 Championship Final	
Matt Biondi, USA	48.94#
Matt Biondi, USA Stephan Caron, FRA Tom Jager, USA	49.73
Tom Jager, USA Sven Lodziewski, GDR Stefan Volery, SUI	50.24
Stefan Volery, SUI	50.64

Per Johansson, SWE	50.91 .51.00
Serney Smiriagin HSSR	51.01
Tommy Werner, SWE Andre Schadt, FRG Steffen Zesner, GDR Albert Mestre, VEN Alexander Schowtka, FRG	51.05
Albert Mestre, VEN	51.14
Hans Kroes, HOL	51.52
Prelims	
Most Dionali HCA	49.48#
Matt Blond, USA. Tom Jager, USA. Stephan Caron, FRA. Sven Lodziewski, GDR Per Johansson, SWE. Stefan Volery, SUI. Andrew Jameson, GBR.	50.18
Sven Lodziewski, GDR	50.47
Stefan Volery, SUI	.50.60
Nikolai Evssev, USSR	. 50.93
Tommy Werner, SWE Neil Brooks, AUS	50.98
Sergey Smiriagin, USSR	51.09
Dano Halsall, SUI	51.09
Albert Mestre, VEN	.51.14
Steffen Zesner, GDR	.51.15
Vlastimil Cerny, CAN	51.32
Hans Kroes, HOL	51.43
Tzvetan Golomeev, BUL	. 51.53
Laurent Neuville, FRA	51.64
Peng Siong Ang, SIN Patrick Dybiona, HOL	.51.64
Artur Wojdat, POL	.51.68*
Peter Rohde, DEN Laurent Neuville, FRA Peng Siong Ang, SIN Patrick Dybiona, HOL Artur Wojdat, POL Giorgio Lamberti, ITA Roland Lee, GBR Mark Stockwell, AUS Petr Klardiva. TCH	. 51.71
Mark Stockwell, AUS	51.81
rott reading rott	02.10
Cyro Delgado, BRA	52.32
Carlos Scanavino, URU	52.47*
Ross Anderson, NZL	.52.63*
Markus Opatrii, AUT Cyro Deigado, BRA Sandy Goss, CAN Carlos Scanavino, URU Ka-sunori Fujiwara, JPN Ross Anderson, NZL Declan Connaughton, IRL Rodrigo Gonzalez, MEX Anthony Nesty, SUR Jose Maria Martin, ESP Jorge Fernandes, BRA	52.91*
Anthony Nesty, SUR	53.01*
Jose Maria Martin, ESP	53.01
Jorge Fernandes, BRA	53.14
Zdenek Kolar, TCH Fernando Rodriguez, PER	53.16 53.18
Shigeo Ogata, JPN	53.21
Shigeo Ogata, JPN	53.28
Hichard Patino, COL	. 00,00
Sergio Esteves, POR. Daniel Serra, ESP. Sadri Ozun, TUR. Hans Foerster, ISV. Gokhan Attarogiu, TUR. Mohamed Yussef, EGY. Alejandro Herrera, CUB. Lyes Mahfoudia, ALG. Luis I. Morell, PUR. Mika Lohl, FIN. Juan Tavares, DOM. Michele Piva, SMR.	53.50
Sadri Özun, TUR	53.91
Gokhan Attaroglu, TUR	54.04
Alejandro Herrera, CUB	.54.38
Lyes Mahfoudia, ALG	54.47*
Mika Lohi, FIN	. 55.01
Juan Tavares, DOM	. 55.21 57.05
Michele Piva, SMR	57.31
Jaime Lipszyc, CRC	58.80
200 M FREESTYLE—Aug. 21 Championship Final	
Michael Gross, FRG	1:47.92#
Matt Biondi, USA	:49.43
Thomas Fahrner, FRG	1:49.69
Duncan Armstrong, AUS	1:50.17*
Sven Lodziewski, GDR. Matt Blondi, USA Thomas Fahrner, FRG. Marcel Gery, TCH. Duncan Armstrong, AUS Albert Mestre, VEN Uwe Dassier, GDR. Consolation Final	1:50.56
Consolation Final	-50.62
Consolation Final Robert Gleria, AUS Nikolai Evseev, USSR Stephan Caron, FRA Artur Wojdat, POL Carlos Scanavino, URU Juan Vallejo, ESP Kevin Boyd, GBR Giorgio Lamberti, ITA Prelims Michael Gross, FRG	1:50.82
Stephan Caron, FRA	1:51.08
Carlos Scanavino, URU	:51.61*
Kevin Boyd, GBR	1:51.64
Giorgio Lamberti, ITA	1:52.28
Michael Gross, FRG	1:48.70#
Mart Biondi, USA	1:49.22
Thomas Fahrner, FRG	1:50.67
Duncan Armstrong, AUS	1:50.77
Albert Mestre, VEN	1:51.01
Stephan Caron, FRA	1:51.19
Juan Vallejo, ESP	1:51.42*
Artur Wojdat, POL	1:51.64
Kevin Boyd, GBR	1:51.69 1:51.75
Nikolai Evseev, USSR	1:51.81
Craig Oppel, USA	1:51.93*
Frank Drost, HOL	1:52.01
Neil Cochran, GBR	1:52.26
Zoltan Szilagyi, HUN	1:52.26
Stephan Volery SUI	1:52.47*
Giorgio Lamberti, ITA Prelims Michael Gross, FRG. Matt Biondi, USA Marcel Gery, TCH Thomas Fahrner, FRG. Sven Lodzlewski, GDR. Duncan Armstrong, AUS Albert Mestre, VEN Uwe Dassler, GDR Stephan Caron, FRA Juan Vallejo, ESP. Giorgio Lamberti, ITA Artur Wojdat, POL Robert Gleria, AUS Kevin Boyd, GBR Nikolal Evseev, USSR Carlos Scanavino, URU Creig Oppel, USA Frank Drost, HOL Anders Holmertz, SWE Neil Cochran, GBR Zoltan Szilagyi, HUN Stephan Voley, SUI. Laurent Neuville, FRA Veniamin Tajanovich, USSR	1:52.47*

Edsard Schlingemann, HOL . Tzvetan Golomeev, BUL	. 1:52.71
Tzvetan Golomeev, BUL Tom Ponting, CAN Franz Mortensen, DEN Luiz Anchieta, BRA Zdenek Kolar, TCH Michael Soderlund, SWE Jorge Fernandes, BRA Seney Porat ISR	1:53.26
Luiz Anchieta, BRA	1:54.01
Zdenek Kolar, TCH	1:54.09
Jorge Fernandes, BRA Segev Porat, ISR Scott Flowers, CAN Xavier Miralpeix, ESP. Magnus Olafsson, ISL Ka-sunori Fujiwara, JPN Darjan Petric, YUG Shigeo Ogata, JPN Luis Morell, PUR. Claus Hansen, DEN Carlos Romo, MEX. Stefan Opatril, AUT Gokhan Attaroglu, TUR Richard Patino, COL Mika Lohl, FIN	.1:54.31
Scott Flowers, CAN	. 1:54.36
Xavier Miralpeix, ESP Magnus Olafsson, ISI	1:54.65
Ka-sunori Fujiwara, JPN	. 1:55.13
Shigeo Ogata, JPN	. 1:55.58
Luis Morell, PUR	1:56.21
Carlos Romo, MEX	. 1:57.06
Stefan Opatril, AUT	. 1:57.73
Richard Patino, COL	. 1:58.78
Richard Pattno, COL Mika Lohi, FiN Ahmet Nakkan, TUR. Sergio Esteves, POR Declan Connaughton, IRL. Mostafa Amin, EGY Mohamed Yussef, EGY Mark Millar, IRL	. 1:58.82
Sergio Esteves, POR	. 1:59.39
Mostafa Amin, EGY	. 2:00.36
Mohamed Yussef, EGY Mark Millar IRI	2:00.92
Mohamed Yusser, EGY Mark Millar, IRL Sofiane Benchekor, ALG Darryl Smith, ZIM Juan Tavares, DOM Hans Foerster, ISV Jaime Lipszyc, CRC Danilo Vicioso, DOM Ronald Picard, ISV	2:01.46
Juan Tayares, DOM	. 2:01.51
Hans Foerster, ISV	. 2:03.10
Danilo Vicioso, DOM	. 2:03.93
Ronald Picard, ISV	. 2:11.85
400 M FREESTYLE-Aug. 21	
Championship Final Rainer Henkel, FRG	. 3:50.05#
Championship Final Rainer Henkel, FRG Uwe Dassler, GDR Dan Jorgensen, USA Kevin Boyd, GBR Vladimir Salnikov, USSR Anders Holmertz, SWE Franck lacono, FRA Sven Lodziewski, GDR Consolation Final Matt Cellinski, USA	3:51.26
Kevin Boyd, GBR	. 3:51.93*
Vladimir Salnikov, USSR Anders Holmertz, SWE	3:52.07
Franck Iacono, FRA	. 3:54.86
Sven Lodziewski, GDR Consolation Final	. 3:56.06
Consolation Final Matt Cetlinski, USA Artur Wojdat, POL Jason Plummer, AUS Juan Vallejo, ESP Carlos Scanavino, URU Darjan Petric, YUG Alessandro Clucci, ITA Thomas Fahrner, FRG Prellims	. 3:51.90
Jason Plummer, AUS	3:55.23
Juan Vallejo, ESP	3:55.56
Darjan Petric, YUG	. 3:56.73
Alessandro Ciucci, ITA Thomas Fahrner, FRG	. 3:57.74
Prelims	
Kevin Boyd, GBR	. 3:52.98
Kevin Boyd, GBR	. 3:53.10* . 3:53.61
Rainer Henkel, FRG Kevin Boyd, GBR Dan Jorgensen, USA Vladimir Salnikov, USSR Franck Iacono, FRA	. 3:52.98 . 3:53.10* . 3:53.61 . 3:53.62 . 3:53.76*
Kevin Boyd, GBR Dan Jorgensen, USA Vladimir Salnikov, USSR Franck lacono, FRA Uwe Dassler, GDR Sven Lodziewski, GDR	. 3:52.98 . 3:53.10* . 3:53.61 . 3:53.62 . 3:53.76* . 3:54.72 . 3:54.79
Kevin Boydd, GBR Dan Jorgensen, USA Vladimir Salnikov, USSR Franck Iacono, FRA Uwe Dassler, GDR Sven Lodziewski, GDR Anders Holmertz, SWE	3:52.98 3:53.10* 3:53.61 3:53.62 3:53.76* 3:54.72 3:54.79 3:55.14*
Kevin Boyd, GBR Dan Jorgensen, USA Vladimir Salnikov, USSR Franck lacono, FRA Uwe Dassler, GDR Sven Lodziewski, GDR Anders Holmertz, SWE Juan Vallejo, ESP Artur Wojdat, POL	.3:52.98 .3:53.10* .3:53.61 .3:53.62 .3:53.76* .3:54.72 .3:54.79 .3:55.14* .3:55.39 .3:55.75
Kevin Boyd, GBR Dan Jorgensen, USA Vladimir Salnikov, USSR Franck Iacono, FRA Uwe Dassler, GDR Sven Lodziewski, GDR Anders Holmertz, SWE Juan Vallejo, ESP Artur Wojdat, POL Matt Cetlinski, USA Thomas Fabruer, FRG	3:52.98 3:53.10* 3:53.61 3:53.62 3:53.76* 3:54.72 3:54.79 3:55.14* 3:55.39 3:55.75 3:55.83
Kevin Boyd, GBR Dan Jorgensen, USA Vladimir Salnikov, USSR Franck Iacono, FRA Uwe Dassler, GDR Sven Lodziewski, GDR Anders Hollmertz, SWE Juan Vallejo, ESP Artur Wojdat, POL Matt Cetlinski, USA Thomas Fahrner, FRG Carlos Scanavino, URU	3:52.98 3:53.10* 3:53.61 3:53.62 3:53.76* 3:54.72 3:54.79 3:55.14* 3:55.39 3:55.75 3:55.85 3:55.85
Kevin Boyd, GBR Dan Jorgensen, USA Vladimir Salnikov, USSR Franck lacono, FRA Uwe Dassler, GDR Sven Lodziewski, GDR Anders Hollmertz, SWE Juan Vallejo, ESP Artur Wojdat, POL Matt Cettinski, USA Thomas Fahrner, FRG Carlos Scanavino, URU Darjan Petric, YUG Jason Plummer, AUS	3:52.98 3:53.10* 3:53.61 3:53.62 3:53.76* 3:54.72 3:54.72 3:55.14* 3:55.39 3:55.75 3:55.85 3:55.89 3:55.99 3:57.19
Kevin Boyd, GBR Dan Jorgensen, USA Vladimir Salnikov, USSR Franck lacono, FRA Uwe Dassler, GDR Sven Lodziewski, GDR Anders Holmertz, SWE Juan Vallejo, ESP Artur Wojdat, POL Matt Cettinski, USA Thomas Fahrner, FRG Carlos Scanavino, URU Darjan Petric, YUG Jason Plummer, AUS. Alessandro Ciucci, ITA	3:52.98 3:53.61 3:53.62 3:53.76* 3:54.72 3:54.79 3:55.39 3:55.75 3:55.75 3:55.83 3:55.86 3:55.99 3:57.60
Uwe Dassler, GDR Sven Lodziewski, GDR Anders Holmertz, SWE Juan Vallejo, ESP Artur Wojdat, POL Matt Cetlinski, USA Thomas Fahrner, FRG Carlos Scanavino, URU Darjan Petric, YUG Jason Plummer, AUS Alessandro Clucci, ITA Eduard Petrov, USSR Zoltan Szijaoui HIIN	3:54.72 3:54.79 3:55.14* 3:55.39 3:55.75 3:55.83 3:55.85 3:55.85 3:55.99 3:56.94 3:57.60 3:58.15
Uwe Dassler, GDR Sven Lodziewski, GDR Anders Holmertz, SWE Juan Vallejo, ESP Artur Wojdat, POL Matt Cetlinski, USA Thomas Fahrner, FRG Carlos Scanavino, URU Darjan Petric, YUG Jason Plummer, AUS Alessandro Clucci, ITA Eduard Petrov, USSR Zoltan Szijaoui HIIN	3:54.72 3:54.79 3:55.14* 3:55.39 3:55.75 3:55.83 3:55.85 3:55.85 3:55.99 3:56.94 3:57.60 3:58.15
Uwe Dassler, GDR Sven Lodziewski, GDR Anders Holmertz, SWE Juan Vallejo, ESP Artur Wojdat, POL Matt Cetlinski, USA Thomas Fahrner, FRG Carlos Scanavino, URU Darjan Petric, YUG Jason Plummer, AUS Alessandro Clucci, ITA Eduard Petrov, USSR Zoltan Szijaoui HIIN	3:54.72 3:54.79 3:55.14* 3:55.39 3:55.75 3:55.83 3:55.85 3:55.85 3:55.99 3:56.94 3:57.60 3:58.15
Uwe Dassler, GDR Sven Lodziewski, GDR Anders Holmertz, SWE Juan Vallejo, ESP Artur Wojdat, POL Matt Cetlinski, USA Thomas Fahmer, FRG Carlos Scanavino, URU Darjan Petric, YUG Jason Plummer, AUS Alessandro Clucci, ITA Eduard Petrov, USSR Zoltan Szilagyi, HUN Chris Bowie, GAN Tony Day, GBR Walter Kalaus, HUN Duncan Armstrong, AUS	3:54.72 3:54.79 3:55.47 3:55.14* 3:55.39 3:55.75 3:55.83 3:55.85 3:55.89 3:57.19 3:57.19 3:57.19 3:59.19 3:59.19 4:00.68 4:01.24
Uwe Dassler, GDR Sven Lodziewski, GDR Anders Holmertz, SWE Juan Vallejo, ESP Artur Wojdat, POL Matt Cetlinski, USA Thomas Fahrner, FRG Carlos Scanavino, URU Darjan Petric, YUG Jason Plummer, AUS Alessandro Clucci, ITA Eduard Petrov, USSR Zoltan Szilagyi, HUN Chris Bowie, CAN Tony Day, GBR Walter Kalaus, HUN Duncan Armstron, AUS Scott Flowers, CAN	3:54.72 3:54.79 3:55.14* 3:55.39 3:55.75 3:55.85 3:55.89 3:55.89 3:57.19 3:57.19 3:57.19 3:57.19 3:57.19 3:59.19 3:59.19 3:59.47 4:00.68 4:01.24 4:01.35
Uwe Dassler, GDR Sven Lodziewski, GDR Anders Holmertz, SWE Juan Vallejo, ESP Artur Wojdat, POL Matt Cetlinski, USA Thomas Fahrner, FRG Carlos Scanavino, URU Darjan Petric, YUG Jason Plummer, AUS Alessandro Clucci, ITA Eduard Petrov, USSR Zoltan Szilagyi, HUN Chris Bowie, CAN Tony Day, GBR Walter Kalaus, HUN Duncan Armstron, AUS Scott Flowers, CAN	3:54.72 3:54.79 3:55.14* 3:55.39 3:55.75 3:55.85 3:55.89 3:55.89 3:57.19 3:57.19 3:57.19 3:57.19 3:57.19 3:59.19 3:59.19 3:59.47 4:00.68 4:01.24 4:01.35
Uwe Dassler, GDR Sven Lodziewski, GDR Anders Holmertz, SWE Juan Vallejo, ESP Artur Wojdat, POL Matt Cetlinski, USA Thomas Fahrner, FRG Carlos Scanavino, URU Darjan Petric, YUG Jason Plummer, AUS Alessandro Clucci, ITA Eduard Petrov, USSR Zoltan Szilagyi, HUN Chris Bowie, CAN Tony Day, GBR Walter Kalaus, HUN Duncan Armstron, AUS Scott Flowers, CAN	3:54.72 3:54.79 3:55.14* 3:55.39 3:55.75 3:55.85 3:55.89 3:55.89 3:57.19 3:57.19 3:57.19 3:57.19 3:57.19 3:59.19 3:59.19 3:59.47 4:00.68 4:01.24 4:01.35
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Uwe Dassler, GDR Sven Lodziewski, GDR Anders Holmertz, SWE Juan Vallejo, ESP Artur Wojdat, POL Matt Cetlinski, USA Thomas Fahrner, FRG Carlos Scanavino, URU Darjan Petric, YUG Jason Plummer, AUS Alessandro Clucci, ITA Eduard Petrov, USSR Zoltan Szlagyi, HUN Chris Bowle, GAN Tony Day, GBR Walter Kalaus, HUN Duncan Armstrong, AUS Scott Flowers, CAN Juan Escalas, ESP Luiz Anchieta, BRA Luis Morell, PUR Eduard De Poli, BRA Jose Raul Lopez, CUB Massimo Trevisan, ITA Seger Poral, ISR Tomasz Gavronski, POL Carlos Romo, MEX Ondrej Bures, TCH Claus Hansen, DEN Onay Franki, CUB Shigeo Ogata, JPN Rul Borges, POR Mark Millar, IRI Xuegang, Li, CHN Gokhan Attaroglu, TUR Richard Patino, COL Wu Ming Hsun, TPE Mostafa Amin, EGY Jaime Lipszyc, CRC 1500 M FREESTYLE—Aug, 2 Championship Final Rainer Henkel, FRG Stefano Battistelli, ITA Dan Jorgensen, USS Vladimir Salnikov, USSR	3.54.72 3.54.72 3.54.72 3.54.72 3.55.74 3.55.39 3.55.83 3.55.83 3.55.89 3.55.89 3.57.60 3.58.15 3.57.60 3.58.15 3.59.93 3.57.80 3.59.93 3.59.93 3.59.93 3.59.93 3.59.93 3.59.93 3.59.93 3.59.93 4.01.24 4.01.35 4.01.52 4.04.25 4.04.25 4.04.25 4.04.25 4.06.66 4.06.67 4.06.67 4.07.41 4.08.92 4.07.41 4.08.92 4.11.29 4.11.29 4.11.44 4.18.41 4.18.44 4.18.44 4.18.54 4.20.93 4.22.60 3.51.16 3.5
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Uwe Dassler, GDR Sven Lodziewski, GDR Anders Holmertz, SWE Juan Vallejo, ESP Artur Wojdat, POL Matt Cetlinski, USA Thomas Fahner, FRG Carlos Scanavino, URU Darjan Pertic, YUG Jason Plummer, AUS Alessandro Ciucci, ITA Eduard Petrov, USSR Zoltan Szilagyi, HUN Chris Bowie, GAN Tony Day, GBR Walter Kalaus, HUN Duncan Armstrong, AUS Scott Flowers, CAN Juan Escalas, ESP Luiz Anchieta, BRA Luis Morell, PUR Eduardo De Poli, BRA Jose Raul Lopez, CUB Massimo Trevisan, ITA Segev Porat, ISR Tomasz Gavronski, POL Carlos Romo, MEX Ondrej Buros, TCH Claus Hansen, DEN Onay Franki, CUB Shigeo Ogata, JPN Rui Borges, POR Mark Millar, IRL Xuegang, Li, CHN Gokhan Attaroglu, TUR Glichard Palun, TEP Mostafa Amin, EGY Jaime Lipszyc, CRC	3.54.72 3.54.72 3.54.72 3.54.72 3.55.74 3.55.39 3.55.83 3.55.83 3.55.89 3.55.89 3.57.60 3.58.15 3.57.60 3.58.15 3.59.93 3.57.80 3.59.93 3.59.93 3.59.93 3.59.93 3.59.93 3.59.93 3.59.93 3.59.93 4.01.24 4.01.35 4.01.52 4.04.25 4.04.25 4.04.25 4.04.25 4.06.66 4.06.67 4.06.67 4.07.41 4.08.92 4.07.41 4.08.92 4.11.29 4.11.29 4.11.44 4.18.41 4.18.44 4.18.44 4.18.54 4.20.93 4.22.60 3.51.16 3.5

Massimo Trevisan, ITA 1:52.70

	Michele Piva, SMR	G Tomassini SMB	RRA			200 M BREASTSTROKE - Aug 21	Championship Final	Norsel Szabo HIIN 9-14 97# .						****	Hartmut Wedekind, FRG2:20.51	Thierry Pata, FRA2:20.61	Final		Marco Del Prete, ITA 2:19.35	I	Etienne Dagon, SUI 2:20.10	Peter Szabo, HUN2:20.24	Bert Goebel, FRG2:20.57	Sergio Lopez, ESP 2:21.46	Peter Boden, USA2:23.07	ms	Jozsef Szabo, HUN 2:17.30	Steven Bentley, USA 2:17.88		****	OR		 1G		Marco Dol Broto ITA						0					ITA	Richard Lockhart, NZL 2:23.94		Cicero Tortelli, BRA2:24.23
Adrian Moorhouse, GBR DQ	on Final	Thomas Bohm, AUT1:03:51	Educad Missouther 1950					Cicero Torteli BRA 1:04.64*			Adrian Moornouse, GBR 1:02.20#7			£	Tarana and		L				Etienne Dagon, SUI 1:04.57	Lorenzo Carbonari, ITA 1:04.58	Eduard Klimentiev, USSR 1:04.66	*****		Contractor Contractor		*****			4N		 	Highard Lockhart, NZL 1:00:43	Cerain Long ECD 1-06.77		GRF				AN			Decian Connaughton, IRL 1:08.49*		Tsia Hsin Yen, TPE1:08.73	Peter Szabo, HUN 1:08.90	r	Manuel Guzman, PUR 1:09.83
Sandy Goss, CAN2:05.25		Hicardo Aldabe, ESP 2:05.80	Guedrigol Minatev, Bold 2:00:34		Inor Pollanskiv 11SSR 2-01.85		C								*******	:					Gueorgui Mihalev, BUL 2:06:09		S	В									 	Glovaniii Frigo, VEN Z.11.42					ALG	Danilo Vicioso, DOM 2:20.40		100 M BREASTSTROKE-Aug. 17	Championship Final	Victor Davis, CAN 1:02.71	Gianni Minervini, ITA1:03.00	******		*********	Hisashi Fuwa, JPN1:03.81
Mark Rhodenbaugh, USA57.48	sch, GDR	Mile Wood Can		Gueorgui Mihalev BUI 58.01					ш			*******	В	Andrew Phillips, JAM 59.20			**********	Neil Harper, GBR59.35	**********		Pedro Soares, POR 59.76*		Francisco Benitez, ESP 59.87	Michael Soderlund, SWE1:00.00	٨	F		3	********				 Description of the control of the co	Filippo Bio CARD	Chan RAN	000000000000000000000000000000000000000	200 M BACKSTROKE—Aug. 19	Championship Final	Igor Pollanskiy, USSR 1:58.78#	Frank Baltrusch, GDR 2:01.11	9	Dan Veatch, USA 2:02.82		Sergey Zabolotnov, USSR 2:03.73	Paul Kingsman, NZL 2:04:08	Edvard Edvardsson, ISL 2:04.22	inal		David Fairbanks, USA 2:04.03
15	15		Matt Cettinski, USA 10:30:32	4	15	15	15		i H	2	13.6	Ondrej Bures, ICH16:01.31	9	9116	416		:	16	16	91 16	9116	Shigeo Ogata, JPN16:24.44	Luiz Anchieta, BRA 16:30.68	16	Jaime Lipszyc, CRC 17:06.03	Section of the sectio	100 M BACKSTROKE—Aug. 22					Mark Tewksbury, CAN 56.62	Frank Baltrusch, GDH57.02	Dan Veatch, USA			Edvard Edvardsson ISI 57.86*		Thomas Lebherz, FRG 58.31				Edsard Schlingemann, HOL 59.06		Idor Polianskiy, USSR56.09	*******		+:	Sergey Zabolotnov, USSR 57.09
1																																																	

Nick Gillingham, GBR 2:24.80			E 10000 10 12000 10	
	Harri Garmendia, ESP 2:02.21	Jozsef Szabo, HUN 4:24.88	Holland	Niki Stajkovic, AUT 600.42
Pedro Hernandez, CUB 2:25.48 Manuel Gutierrez, PAN 2:25.57	Nicholas Hodgson, GBR 2:03.11 Frank Drost, HOL	Tamas Darnyi, HUN 4:24.98	Italy	Albin Killat, FRG
Anders Pettersson, SWE 2:25.63	Ross Anderson, NZL 2:03.72	Peter Bermel, FRG 4:25.51 Jeff Kostoff, USA 4:26.11	USSR	Nikolai Droshin, USSR 584.52
Jan-Erik Olsen, NOR 2:26.02	Jose Ballester, ESP 2:04.12	Patrick Kuehl, GDR 4:26.39	Great Britain	Massimo Castellani, ITA 568.02 Piero Italiani, ITA
Fransisco Carvalho, BRA 2:27.19	Joao Santos, POR 2:04.37*	Ricardo Prado, BRA 4:26.71	Spain	Edwin Jongejans, HOL546.18
Jorge Henao, VEN 2:28.04	Christophe Bordeau, FRA 2:04.42	Babis Papanikolau, GRE 4:26.78*	Canada 7:35.74	Alexey Kogalev, USSR 503.04
Tsai Hsin Yen, TPE2:28.36*	Theophile David, SUI 2:04.80	Robert Woodhouse, AUS4:26.82	Brazil 7:37.60	Wilfried Meyer, FRG 472.47
Frank Vijver, HOL	Carlos Scanavino, URU 2:05.58	Roberto Cassio, ITA4:26.83	Denmark 7:40.32*	Prelims—Aug. 17
Mario Vela, MEX 2:31.85	Ricardo Jimenez, VEN 2:05.75	Ralf Diegel, FRG4:26.88	Cuba 7:54.37	Greg Louganis, USA 678.75
Andreas Vold, NOR 2:32.23	Jan Larsen, DEN 2:06.34	Maurizio Divano, ITA 4:27.09	Chinese Taipei 8:35,39	Tan Liangde, CHN 665.73
Declan Connaughton, IRL 2:33.65	Jose Umana, VEN 2:06.57	Dave Wharton, USA 4:27.13	SAME SAME SAME SAME SAME SAME SAME SAME	Li Hongping, CHN 663.30
Ayman Nadim, EGY 2:36.63	Stephen Poulter, GBR 2:06.99	Raik Hannemann, GDR 4:27.98	NOTATION TO ANALYSIS AND ANALYSIS ANALYSIS AND ANALYSIS AN	Mark Bradshaw, USA 624.54
Zhong Lai, CHN 2:37.01	Tibor Rezmanj, YUG 2:07.54	Ricardo Valdivia, ESP 4:29.21	V WORLD CHAMPIONSHIPS	Albin Killat, FRG 595.83
Hailin Zhou, CHN 2:39.07	Alberto Peralta, CUB 2:07.89	Stephen Poulter, GBR 4:32.22	DIVING EVENTS	Nikolai Droshin, USSR 591.45
	Anthony Nesty, SUR 2:08.12	Christophe Bordeau, FRA 4:34.66	Centro de Natacion	Edwin Jongejans, HOL 585.48
100 M BUTTERFLY—Aug. 18	Hiroshi Miura, JPN 2:08.73	Anders Pettersson, SWE 4:35.21	Madrid, Spain	Massimo Castellani, ITA 578.34
Championship Final	Marcus Mattioli, BRA 2:08.74	Josef Hladky, TCH 4:37.75	Aug. 15-23, 1986	Piero Italiani, ITA575.82
Pablo Morales, USA 53.54#	Eduardo De Poli, BRA 2:11.49	Rui Borges, POR4:38.07		Alexey Kogalev, USSR 570.87
Matt Biondi, USA53.67	Carlos Romo, MEX 2:11.89	Jon Kelly, CAN 4:38.92	WOMEN	Wilfried Meyer, FRG 565.29
Andrew Jameson, GBR53.81	Juan Cabrera, DOM 2:12.46	Jorge Marti, ESP 4:40.23	SPRINGBOARD	Niki Stajkovic, AUT 562.05
Michael Gross, FRG 53.87	Jamir Bouchlaghem, TUN 2:12.88	Julio Robollal, BRA 4:41.54	Finals—Aug. 16	John Nash, CAN 561.15
Anthony Nesty, SUR 54.53*	Darryl Smith, ZIM 2:13.72	Pavel Bello, CUB 4:45.03	Gao Min, CHN 582.90	Enrique Martinez, ESP 556.98
Marcel Gery, TCH 54.54	Ahmet Nakkan, TUR2:14.01	Janne Soininen, FIN 4:46.01	Li Yihua, CHN 549.42	Randy Sageman, CAN 556.08
Tom Ponting, CAN 54.69	Chen Cheng I, TPE 2:15.95	Brent Foster, NZL4:47.73	Marina Babkova, USSR525.21	Erich Pils, AUT
Benny Nielsen, DEN 55.10	Mark Millar, IRL 2:18.63	Gokhan Attaroglu, TUR 4:47.98	Daphne Jongejans, HOL 501.06	Jorge Mondragon, MEX 546.54
Consolation Final	Lee Shih Hung, TPE 2:21.02	Manuel Gutierrez, PAN 4:49.19	Brita Baldus, GDR 497.88	Shaun Panayi, AUS532.47
Anthony Mosse, NZL 54.57		Alejandro Lecot, ARG 4:51.09	Katrin Bensing, GDR493.35	Craig Rogerson, AUS 529.95
Aleksey Markovskiy, USSR 55.32	200 M IND. MEDLEY—Aug. 23	Jamir Bouchlaghem, TUN 4:58.97	Michele Mitchell, USA 491.79	Jesus Mena, MEX 529.38
Fabrizio Rampazzo, ITA 55.44	Championship Final	Darryl Smith, ZIM 5:00.59	Kelly McCormick, USA 489.75	Rainer Punzel, GDR526.89
Sergey Garro, USSR 55.45	Tamas Darnyi, HUN 2:01.57#	Lee Shih Hung, TPE 5:03.56	Zhanna Tsirulnikova, USSR 485.22	Roberto Hung, CUB 518.58
Rene Schaffgans, FRG55.49	Alex Baumann, CAN 2:02.34	Juan Cabrera, DOM 5:04.21	Debbie Fuller, CAN 458.25	Robert Morgan, GBR517.32
Theophile David, SUI 55.52	Vadim Yaroshuk, USSR 2:02.61*	Gary Binfield, GBR DQ	Kathy Kelemen, CAN 438.90	Jon Grunde Vegard, NOR516.06
Gerard de Kort, HOL55.95	Peter Bermel, FRG 2:03.75*	Alex Baumann, CANDQ	Agnes Gerlach, HUN419.22	Dennis Sorensen, DEN 508.14
Frank Drost, HOL 56.17	Pablo Morales, USA 2:03.88		Prelims—Aug. 15	Isao Yamagishi, JPN504.84
Prelims	Neil Cochran, GBR2:03.98	400 M MEDLEY RELAY-Aug. 23	Gao Min, CHN 532.86	Frode Lund, NOR 499.14
Matt Biondi, USA53.60#	Josef Hladky, TCH	Championship Final	Li Yihua, CHN	Joakim Andersson, SWE 487.32
Andrew Jameson, GBR53.67‡	Consolation Final	United States 3:41.25	Kelly McCormick, USA 499.71	Fernando Henderson, DOM 483.48
Pablo Morales, USA 54.01		West Germany 3:42.26*	Marina Babkova, USSR 488.88	Emilio Ratia, ESP 480.45
Michael Gross, FRG 54.34	Robert Woodhouse, AUS 2:05.81	USSR3:42.63	Brita Baldus, GDR	Raymond Vallance, NZL479.97
Anthony Nesty, SUR 54.56*	Babis Papanikolau, GRE 2:06.18	Canada	Zhanna Tsirulnikova, USSR 462.96	Ramiro Lopez, DOM 451.38
Marcel Gery, TCH 54.79	Ralf Diegel, FRG	Great Britain 3:45.24	Daphne Jongejans, HOL 448.17	Simon Draver, ZIM 413.31
Benny Nielsen, DEN 54.98	Dave Wharton, USA 2:06.41 Aleksandr Sidorenko, USSR 2:06.42	Switzerland 3:48.45	Michele Mitchell, USA 442.29	Mario Paixao, BRA 335.10
Tom Ponting, CAN 55.10	Giovanni Franceschi, ITA 2:06.66	Holland	Katrin Bensing, GDR441.66	PLATFORM
Aleksey Markovskiy, USSR 55.15	Bruno Gutzeit, FRA 2:08.10	France	Debbie Fuller, GAN	Finals—Aug. 23
Sergey Garro, USSR 55.22	Peter Rohde, DEN 2:09.29	Prelims	Agnes Gerlach, HUN437.22	Greg Louganis, USA 668.58
Anthony Mosse, NZL	Prelims 2.09.29	Canada 3:45.32	Kathy Kelemen, CAN 436.35	Li Kongzheng, CHN 624.33
Fabrizio Rampazzo, ITA 55.40	Tamas Darnyi, HUN 2:04.18	Great Britain 3:45.67	Anita Rossing, SWE 434.34	Bruce Kimball, USA 599.91
Dano Halsall, SUI	Vadim Yaroshuk, USSR 2:04.16	West Germany 3:45.74	Heidemarie Grecka, TCH 431.43	Steffen Haage, GDR 541.44
Vlastimil Cerny, CAN	Rainer Sternal, GDR2:04.25	United States 3:46.91	Silvia Ortas, ESP429.21	Tong Hui, CHN 539.19
Theophile David, SUI	Peter Bermel, FRG 2:04.79	USSR3:47.41	Beatrice Burki, SUI	Sergey Gurylev, USSR 530.25
Frank Drost, HOL 55.71	Pablo Morales, USA 2:05.20	Switzerland 3:48.93		Jorge Mondragon, MEX 513.30
Gerard de Kort, HOL 55.74	Alex Baumann, CAN 2:05.35	France	Claire Izacaro, FRA	Gennadi Starodubtsey, USSR . 510.57
Rene Schaffgans, FRG 55.85	Josef Hladky, TCH 2:05.55	Holland 3:49.94*	Hanneke Faber, HOL 407.22	Domenico Rinaldi, ITA 492.60
Thomas Lejdstrom, SWE 55.92 Harri Garmendia, ESP 55.94	Neil Cochran, GBR2:05.55	Italy 3:51.37	Jennifer Donnet, AUS	Isao Yamagishi, JPN 453.45
Ross Anderson, NZL	Ralf Diegel, FRG2:05.77	Sweden 3:52.78		David Bedard, CAN 450.66
Wojciech Wyzga, POL 56.24	Giovanni Franceschi, ITA 2:05.83	Spain 3:53.59	Lourdes Gonzalez, CUB 403.35 Joana Figueiredo, POR 401.52	Craig Rogerson, AUS 430.11
Bruno Gutzeit, FRA	Aleksandr Sidorenko, USSR 2:05.99	Venezuela 3:55.10	Koretin Finks EDC 401.62	Prelims—Aug. 22
Ludovic Depickere, FRA 56.26	Robert Woodhouse, AUS2:06.16	Brazil 3:55.25	Kerstin Finke, FRG	Greg Louganis, USA 635.10
Jose Ballester, ESP56.39	Babis Papanikolau, GRE 2:06.62	Cuba 3:55.50	Laura Schermi, ITA	Li Kongzheng, CHN 624.42
Alberto Peralta, CUB56.44	Anders Pettersson, SWE 2:06.78	Portugal 3:56.40*	Doris Pecher, FRG 382.83	Steffen Haage, GDR
Nicholas Hodgson, GBR 56.52	Dave Wharton, USA 2:07.03	Mexico3:57.65	Karnilla Gamme, NOR 378.75	Bruce Kimball, USA
Jan Larsen, DEN	Peter Rohde, DEN 2:07.09	Denmark 3:58.23	Masako Asada, JPN 374.49	Sergey Gurylev, USSR 553.02
Antonio Portela, PUR 56.61	John Davey, GBR 2:07.30	Egypt 4:10.52	Valerie Beddoe, AUS373.14	Tong Hui, CHN 537.90
Hiroshi Miura, JPN 57.01	Raik Hannemann, GDR 2:07.52	Chinese Taipei 4:17.83	Allison Childs, GBR 373.02	Gennadi Starodubtsey, USSR . 531.51 Jorge Mondragon, MEX 529.32
Jose Umana, VEN 57.06	Bruno Gutzeit, FRA 2:07.86	ADDRESS STATE OF THE STATE OF T	Guiliana Aor, ITA	
Carlos Romo, MEX 57.08	Roberto Cassio, ITA2:08.11	400 M FREESTYLE RELAY-Aug. 21	Nicola Cooney, NZL 355.71	Domenico Rinaldi, ITA 517.26 Isao Yamagishi, JPN 513.21
Carlos Scanavino, URU 57.15	Rodrigo Gonzalez, MEX 2:08.75*	Championship Final	Carolyn Roscoe, GBR 349.02	Crois Bossess AUC 510.00
Peng Siong Ang, SIN 57.32	Rob Chernoff, CAN 2:09.42	United States 3:19.89	Satu Harberg, FIN340.20	Craig Rogerson, AUS
Zhaoying Luo, CHN 57.47	Jozsef Szabo, HUN 2:09.45	USSR	PLATFORM	
Raul Camargo Viana, BRA 57.60	Vasco Sousa, POR 2:10.23*	GDR	Finals—Aug. 21	Albin Killat, FRG
Joao Santos, POR 57.61*	Edsard Schlingemann, HOL 2:10.53	West Germany 3:21.58*	Chen Lin, CHN	Jesus Mena, MEX
Tibor Rezmanj, YUG 57.73	Eyal Shtigman, ISR 2:10.94	Sweden 3:23.01	Lu Wei, CHN	Robert Morgan, GBR487.74
Marcus Mattioli, BRA 57.74	Edvard Edvardsson, ISL 2:10.95*	France	Wendy Wyland, USA 412.47	Oscar Bertone, ITA 486.30
Sadri Ozun, TUR 57.77	Julio Rebollal, BRA 2:11.56	Australia 3:23.88	Alla Lobankina, USSR408.45	Jeff Hirst, CAN 478.59
Jose Medina, MEX 58.02	Rui Borges, POR	Holland 3:24.47	Angela Stasulevich, USSR 401.13	Frode Lund, NOR
Ricardo Jimenez, VEN 58.06	Manuel Guzman, PUR 2:13.10	Prelims	Kerstin Inselmann, GDR 399.30	Jon Grunde Vegard, NOR 465.03
Marc Seimetz, LUX 58.77	Harri Garmendia, ESP 2:13.11	GDR3:21.44	lidiko Kovacsne, HUN369.78	Fernando Henderson, DOM 461.58
Sabri Ozun, TUR 59.14	Benny Nielsen, DEN 2:13.14	United States 3:22.23	Michele Mitchell, USA 367.02	Wilfried Meyer, FRG 457.77
Mohamed Yussef, EGY 59.75	David Lim, SIN 2:13.32	West Germany 3:22.34	Bianka Meyer, GDR357.66	Nathan Meade, AUS 454.26
Chen Cheng I, TPE1:00.14	Sergio Lopez, ESP 2:13.49	USSR3:23.05	Debbie Fuller, CAN 357.57	Emilio Ratia, ESP 452.55
Juan Cabrera, DOM 1:00.43	Brent Foster, NZL2:13.51	Sweden 3:23.12	Hana Novotna, TCH 332.67	Roberto Hung, CUB 450.54
Lyes Mahfoudia, ALG 1:01.23	Manuel Gutierrez, PAN 2:13.84	Australia	Valerie Beddoe, AUS328.11	Ramiro Lopez, DOM 444.12
	Janne Soininen, FIN 2:14.65			Luis Dieguez, ESP
Jaime Lipszyc, CRC 1:06.33	Valine Schillen, Fil4 2.14.03	Holland	Prelims—Aug. 20	
Jaime Lipszyc, CRC 1:06.33 Riccardo Mularoni, SMR 1:07.03	Ahmet Nakkan, TUR2:15.91	France 3:24.29*	Chen Lin, CHN 414.90	Frederic Bouriat, FRA 435.48
Jaime Lipszyc, CRC 1:06.33	Ahmet Nakkan, TUR2:15.91 Declan Connaughton, IRL2:16.06	France	Chen Lin, CHN	Frederic Bouriat, FRA 435.48
Jaime Lipszyc, CRC	Ahmet Nakkan, TUR	France	Chen Lin, CHN	Frederic Bouriat, FRA
Jaime Lipszyc, CRC	Ahmet Nakkan, TUR	France 3:24.29* Great Britain 3:24.59 Czechoslovakia 3:24.97 Canada 3:26.00	Chen Lin, CHN 414.90 Angela Stasulevich, USSR 408.24 Wendy Wyland, USA 405.57 Michele Mitchell, USA 399.36	Frederic Bouriat, FRA
Jaime Lipszyc, CRC 1.06.33 Riccardo Mularoni, SMR 1:07.03 Eugene Pieterskwiers, AHO 1:11.17 200 M BUTTERFLY—Aug. 22 Championship Final	Ahmet Nakkan, TUR. 2:15,91 Declan Connaughton, IRL 2:16,06 Pavel Bello, CUB 2:17.03 Emad Shafie, EGY 2:17.16 Marc Seimetz, LUX 2:18,37	France 3:24.29° Great Britain 3:24.59 Czechoslovakia 3:24.97 Canada 3:26.00 Switzerland 3:26.87	Chen Lin, CHN	Frederic Bouriat, FRA
Jaime Lipszyc, CRC. 1:06.33 Riccardo Mularoni, SMR. 1:07.03 Eugene Pieterskwiers, AHO . 1:11.17 200 M BUTTERFLY—Aug. 22 Championship Final Michael Gross, FRG. 1:56.53#	Ahmet Nakkan, TUR 2:15.91 Declan Connaughton, IRL 2:18.06 Pavel Bello, CUB 2:17.03 Emad Shaffe, EGY 2:17.16 Marc Seimetz, LUX 2:18.37 Danilo Vicioso, DOM 2:18.60	France 3:24.29* Great Britain 3:24.59 Czechoslovakia 3:24.97 Canada 3:26.00 Switzerland 3:26.87 (Leadoff: Volery 50.22*)	Chen Lin, CHN 414,90 Angela Stasulevich, USSR 408,24 Wendy Wyland, USA 405,57 Michele Mitchell, USA 399,36 Ildiko Kovacsne, HUN 385,77 Alla Lobankina, USSR 381,60	Frederic Bouriat, FRA
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