THE XX OLYMPIAD	HEAT 2		HEAT 5		BENGT GINGSJOE SWEDEN	1:03.82 2:09.06
Munich, Germany	VLADIMIR BURE	USSR 1:56.15	RICK DEMONT	USA 4:05.70	3:14.57 4:20.56	5:26.24 6:31.59 9:47.94 10:53.52
August 28 - Sept. 4, 1972	SEORGI KULIKOV PIERRE CALAND	USSR 1:57.04 FRANCE 2:00.75	GRAHAM WINDEATT	AUSTRALIA 4:05.92 VENEZUELA 4:11.37		14:09.08 15:14.31
W = WORLD RECORD A = AMERICAN RECORD	MICHAEL BAILEY	G.BRIT 2:00.79	GERARDO VERA JORGE DELGADO	EQUADOR 4:12.29	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	16:16,01
E = EUROPEAN RECORD	ZBIGNIEW PACELT	POLAND 2:01.28	MARK TREFFERS	N.ZEALAND 4:14.10	GRAHAM WHITE A'LIA	1:01.10 2:05.08
C = COMMONWEALTH RECORD	ARNALDO CINQUETTI	ITALY 2:01.78	ANTONIO CORELL	SPAIN 4:17.81		5:20.22 6:26.20
MEN	H-1- 7		OH-RYUN CHO	KOREA 4:21.78		9:43.73 0:50.05 14:08.49 15:14.56
100 METER FREESTYLE	WERNER LAMPE	W.GER. 1:55.97	HEAT 6		11:00:17 10:02:10	16:17.22
HEAT I	GRAHAM WHITE	A'LIA 1:58.60	TOM MCBREEN	USA 4:06.09	MARK TREFFERS N.ZEALAN	
RUY AQUINO OLIVEIRA BRAZIL 54,26	JOHN MILLS	G.BRIT 2:00.17	BRIAN BRINKLEY	G.BRITAIN 4:06.44	3:14.07 4:20.24	
GILLES VIGNE FRANCE 54.34	FRITZ WARNCKE	NORWAY 2:00.98	GRAHAM WHITE	Austral 14 4:08.29	7:38.40 8:44.15	
WILFRIED HARTUNG E.GERMANY 54.37	KAMEL KENAWY ALY MOSTAFA		RONALD JACKS	CANADA 4:16.08	12:00.72 13:05.76	14:10.55 15:15.58 16:18.84
MALCOLM WINDEATT G.BRITAIN 54.70 GEOFFREY FERREIRA TRINIDAD 56.27	Luis Ayesa, JR	PHILIP. 2:05.97	VIKTOR ABOIMOV KLAUS DOCKHORN	USSR 4:17.04 E.GERMANY 4:17.98	BRADFORD COOPER A'LIA	1:02.37 2:05.32
ROBERTO STRAUSS MEXICO 56.78	HEAT 4		GUILLERMO PACHECO	PERU 4:18.78		5:16.11 6:20.11
11002010 0111000	KLAUS STEINBACH	W.GER 1:55.80	FRANCOIS DELEY	BELGIUM 4:24.73		9:38.91 10:47.58
HEAT 2	WILFRIED HARTUNG	E.GER 1:56.95			11:56.60 13:05.02	14:13.65 15:22.73
IGOR GRIVENNIKOV USSR 53.64	GERARDO VERA	VENEZUALAI:57.33	FINALS		Court some Create Menter	16:30.49
COLIN HERRING NEW ZEALAND 54.41	OLAF VON SCHILLING	W.GERM. 2:00.27	RICK DEMONT USA	DISQ.	GUILLERMO GARCIA MEXICO	5:19.56 6:25.70
ALAIN HERMITTE FRANCE 54.57 ANTONIO FERNACUTI EL SALVADOR 56.69	BERNT ZARNOWIECKI RICCARDO TARGETTI	SWEDEN 2:01.34 ITALY 2:02.58	BRADFORD COOPER A'LIA	59.24 2:00.92 3:01.28 4:00.27		9:47.19 10:55.17
RUDAN SANDRO YUGOSLAVIA 56.91	FAWZI I. IRHAMA	KUWAIT 2:33.75	STEVEN GENTER USA	59.13 2:01.03		14:19.79 15:28.18
BROUNE BASSOUL LIBYA 1:00.08	3.000.0		STETEN SENTEN SON	3:02.54 4:01.94		16:36.03
Total State	HEAT 5		TOM MCBREEN USA	59.43 2:01.09		
HEAT 3	FREDERICK TYLER	USA 1:56.04		3:02.13 4:02.64	100 METER BACKS	TROKE
VLADIMIR BURE USSR 52.87	PETER BRUCH	E.GERM 1:58.49	GRAHAM WINDEATT A'LIA	59.36 2:01.26	HEAT I	Heen Line of
JORGE COMAS SPAIN 53.70	BRUCE ROBERTSON	CANADA 1:59.02	granusci and many and a second	3:02.62 4:02.93	IGOR GRIVENNIKOV Zoltan Verraszto	USSR 1:00.05 HUNGARY 1:01.13
JOSE DINIZ ARANHA BRAZIL 54.06 HANS PETER WUERMLI SWITZERLAND 55.08	MARIAN SLAVIC COLIN HERRING	ROMANIA 2:00.23 N.ZEAL. 2:00.29	BRIAN BRINKLEY G.BRIT.	59.42 2:01.64 3:04.30 4:06.69	CLAYTON EVANS	CANADA 1:01.69
NEIL ROGERS AUSTRALIA 55.32	IAN MACKENZIE	CANADA 2:01.22	BENGT GINGSJOE SWEDEN	59.31 2:01.45	ROMULO DUNCAN ARANTES J	
PRAK SAMNANG GAMBODIA 59.18	HANS PETER WUERMLI	SWITZ. 2:03.14	DENGY GINGSJOE DWEDEN	3:04.29 4:06.75	Tung-Hstung Hsu	CHINA 1:03.31
TATION TRUBBURE POSTERSIAL ARREST	ROBERTO STRAUSS	MEXICO 2:03.57	WERNER LAMPE W.GERM	58.50 2:01.19	SERGIO HASBUN	SALVADOR 1:06.53
HEAT 4				3:03.44 4:06.97	VANSARUN	CAMBODIA 1:07.26
MICHEL ROUSSEAU FRANCE 52,93	HEAT 6	121			HEAT 2	
KARSTEN MEIER W.GERMANY 53.96 GREGORY ROGERS AUSTRALIA 53.98	STEVEN GENTER BRIAN BRINKLEY	USA 1:55.42 G.BRIT 1:56.99	1500 METER FRE	ESTYLE	BOB SCHOUTSEN	HOLLAND 1:00.76
GREGORY ROGERS AUSTRALIA 53.98 HARTMUT FLOECKNER E.GERMANY 54.36	PETER PRIJOEKKER	HOLLAND 1:58.78	HEAT I		LARS BORGESEN	DENMARK 1:01.23
BRUCE ROSERTSON GANADA 54.76	RUY AQUINO OLIVEIRA	BRAZIL 2:00.48	HANS FASSNACHT PETER ROSENKRANZ	W.GERMANY16:34.63 W.GERMANY16:58.26	LASZLO CSEH	HURGARY 1:01.63
FERIDUN AYBARS TURKEY 59.32	ROBERTO PANGARO	ITALY 2:00.97	FRANCOIS DELEY	BELGIUM 17:06.09	JOSE JOAQUIN SANTIBANEZ	
	RUDAN SANDRO	Yugo 2:05.88	JAMES GARTER	G.BRITAIN17:16.01	MILOS PREDRAG	YUGOSLAVIAI:03.02
HEAT 5	TOMAS RENGIFO	EL SALV 2:08.67	SERGIO IRREDENTO	ITALY 17:19.45	GUSTAVO OSCAR GONZALEZ	
John Munphy USA 53.07	FINNUR GARDARSSON	ICELAND 2:08.88	FRIDRIK GUDMUNDSOON	ICELAND 17:32.47	GERARDO ROSARIO	PHILIPINES 1:06,85
GEORGI KULIKOV USSR 53.78 PETER BRUCH E.GERMANY 54.25	HEAT 7		EDWIN BORJA	PHILIPINEI8:12.17	HEAT 3	
PAULO ZANETTI BRAZIL 54.97	MARK SPITZ	USA 1:55.29	HEAT 2		JOHN MURPHY	USA 59.93
BRIAN BRINKLEY G.BRITAIN 55.06	RALPH HUTTON	CANADA 1:56.84	GRAHAM WINDEATT	A'LIA 15:59.63	EJVIND PEDERSEN	DENMARK 1:00.83
ZHIGNIEW PACELT POLAND 55.97	UDO POSER	E.GERMANY1:57.23	GUILLERMO GARCIA	MEXICO 16:29.48	TADASHI HONDA	JAPAN 1:00.89
ANDREW HUNTER IRELAND 56.09	ROLF PETTERSSON	SWEDEN 2:00.02	ANDERS BELLBRING	SWEDEN 16:33.27	IAN MACKENZIE	CANADA 1:01.11
ABDALLA A. ZEYAB KUWAIT 1:03.94	MARK ANTHONY CROCKER	H.Kong 2:12.85	DEANE BUCKBORO	CANADA 16:52.50	HELMUT PODOLAN PIOTR DEUCIK	AUSTRIA 1:01.49 POLAND 1:01.94
HEAT 6	PRAK SAMNANG	CAMBOD 142:13.34	GERARDO VERO	VENEZUELA 17:10.33	ANDREAS WEBER	W.GERMANY 1:02.49
JERRY HEIDENREICH USA 52.38	FINALS		GUSTAVO OSCAR GONZALEZ	ARGENTINA 1/123.53	Commence of the same	
BRIAN PHILLIPS CANADA 53.75	MARK SPITZ USA	26.09 55.06	HEAT 3		HEAT 4	
ROBERT KASTING CANADA 54.07		1:24.44W1:52.78	MICHAEL BURTON	USA 16:09.56	MIKE STAMM	USA 58.63
GERHARD SCHILLER W.GERMANY 54.28	STEVEN GENTER USA	26.66 54.93	GRAHAM WHITE	AUSTRALIA16:19.63	LIITZ WANJA	E.GERMANY 1:00.62
ATTILA CSASZARI HUNGARY 55.37	THE PROPERTY OF THE PARTY OF TH	1:24.28 1:53.73	BRIAN BRINKLEY	G.BRIT. 16:54.39	PIERRE BAEHR GOLIN GUNNINGHAM	FRANCE 1:01.13 G.BRITAIN 1:01.28
FINNUR GARDARSSON CELAND 55.53 SALVADOR VILANOVA EL SALVADOR 56.57	WERNER LAMPE W.GERM	26.82 55.73	ALBERTO GARCIA	MEXICO 17:05.68	ANDERS SANDBERG	SWEDEN 1:01.41
SALVADOR VILANOVA EL SALVADOR 56.57 RONNIE MAN CHUI WONG HONG KONG 57.53	MICHAEL WENDEN A'LIA	1:25.27 1:53.99 26.97 56.07	JORGE JARAMILLO	COLOMBIA 17:35.84	NEIL MARTIN	AUSTRALIA 1:05.13
HORRIE THE SHOT HORS STADE	Monace Benden A cin	1:25.23 1:54.40	EUGEN ALMER	ROMANIA 17:49.80	CONTRACTOR OF THE CONTRACTOR O	CHEATHERN III CHARLES
HEAT 7	FREDERICK TYLER USA	27.48 56.91	HEAT 4		HEAT 5	
Michael Wenden Australia 52,34		1:26.13 1:54.96	DOUGLAS NORTHWAY	USA 16:15.30	MITCHELL IVEY	USA 58.15
MARK SPITZ USA 52.46	KLAUS STEINBACH W.GERM.		MARK TREFFERS	N.ZEALAND16:23.86	ERIK FISH	CANADA 1:00.81
KLAUS STEINBACH W.GERMANY 52.91 FRITZ WARNCKE NORWAY 54.41	VLADIMIR BURE USSR	1:25.55 1:55.65 26.21 56.16	DUSAN GROZAJ	W.GERMANY16:44.59	MILOS NENAD CLIVE RUSHTON	YUGOSLAVIAI:00.94 G.BRITAIN 1:01.07
ROBERTO PANGARO ITALY 54.74	VERDINIA DURE USA	1:26.96 1:57.24	VINCENZO FINOCCHIARO TOMAS BECERRA	ITALY 17:13.42	MARK ANTHONY CROCKER	Hong Kong 1:11-20
MARIAN SLAVIC ROMANIA 55.35	RALPH HUTTON CANADA	27.51 57.28	ALFREDO CARLOS MACHADO	GOLOMBIA 17:16.38 BRAZIL 17:20.34	The state of the s	
JORGE VAN BALEN VENEZUELA 57.20		1:27.65 1:57.56	GUILLERMO PACHECO	PERU 17:36.36	HEAT S	
	100	Dul E	DAE IMLANI	PHILIPINETT:37.65	ROLAND MATTHES	E.GERMANY 1:00.01
SEMI-FINAL 1 JERRY HEIDENREICH USA 52.31	400 METER FREEST	TYLE	***			E.GERMANY :00.65 FRANCE :00.83
I GOR GRIVENNIKOV USSR 52.55	HEAT I	Marie La Mariagnesia	HEAT 5	All 10 10 11 11		G.BRIT. 1:01.03
VLADIMIR BURE USSR 52.60	GUNNAH LAHSSON	SWEDEN 4:09.88	BRADFORD COOPER BENGT GINGSJOE	A'LIA 16:11.41 SWEDEN 16:26.67	ROBERT RUDOLF	HUNGARY 1:02.34
MICHEL ROUSSEAU FRANCE 52.82	TON YAN NEGOSTEN	MEXICO 4:11.72			AMIN AHMEN ADEL VOUSSEE	EGYPT 1:04.40
JOSE ROBERTO DINIZ ARANHA BRAZIL 53.47	ALAIN CHARMEY	SWITZ. 4:18.25	OH-RYUN CHO	KOREA 17:29.23	CHIANG JIN-CHOON	MALAYSIA 1:04.40
BRIAN PHILLIPS CANADA 53.73 PETER BRUCH E.GERMANY 53.97	BRUCE ROBERTSON	GANADA 4:20.31	ALEXANDR SAMSONOV	USSR 17:32.88		1.1
PETER BRUCH E.GERMANY 53.97 KARSTEN MEIER W.GERMANY 54.35	NEIL DEXTER	G.BRIT 4:24.80	KAMEL KENAWY ALY MOSTAF NEIL DEXTER	ALGYPT 17:40.37	ROLAND MATTHES	
With the state of	KAMEL KENAWY ALY MOSTAFA	EGYPT 4:24.97	BRIAN CLIFFORD	IRELAND 18:09.28	MIKE STAMM	USA 58.74
SEMI-FINAL 2			THE RESERVE OF THE PARTY OF THE	10100160	FOIZ MANJA	E.GERMANY 59.83
MICHAEL WENDEN AUSTRALIA 52.32	Here 2				TADASHI HONDA	JAPAN 1:00.43
MARK SPITZ USA 52.43	HEAT 2	Surney 4+06.59	HEAT 6			
KLAUS STEINBACH W.GERMANY 52.87 JOHN MURPHY USA 53.17	HEAT 2 BENGT GINGSJOE HANS JOACHIM FASSNACHT	Sweden 4:06.59 W.Germ 4:09.23	THE THE PARTY OF T	USA 16:17.61	BOB SCHOUTSEN	HOLLAND 1:00 48
JOHN MURPHY USA 53.17 ROBERT KASTING GANABA 53.62	BENGT GINGSJOE HANS JOACHIM FASSNACHT UDO POSER	W.GERM 4:09.23 E.GERM 4:09.62	RICK DEMONT TON VAN KLOOSTER	HOLLAND 16:34.77	JEAN-PAUL BERJEAUD	HOLLAND 1:00.48 FRANCE 1:00.59
GEORGI KULIKOV USSR 53.68	BENGT GINGSJOE HANS JOACHIM FASSNACHT UDO POSER PETER ROSENKRANZ	W.GERM 4:09.23 E.GERM 4:09.62 W.GERM 4:14.01	RICK DEMONT TON VAN KLOOSTER AXEL FREUDENBERG	HOLLAND 16:34.77	JEAN-PAUL BERJEAUD	HOLLAND :00.48 FRANCE :00.59 CANADA :00.92
JORGE COMAS SPAIN 53.92	BENGT GINGSJOE HANS JOACHIM FASSNACHT UDO POSER PETER ROSENKRANZ	W.GERM 4:09.23 E.GERM 4:09.62 W.GERM 4:14.01	RICK DEMONT TON VAN KLOOSTER AXEL FREUDENBERG ZOLTAN VERRASZTO	HOLLAND 16:34.77 E. GERM 16:37.19 HUN 17:18.66	JEAN-PAUL BERJEAUD	HOLLAND :00.48 FRANCE :00.59 CANADA :00.92
	BENGT GINGSJOE HANS JOACHIM FASSNACHT UDO POSER PETER ROSENKRANZ TOMAS BECERRA DAE IMLANI	W.GERM 4:09.23 E.GERM 4:09.62 W.GERM 4:14.01 COLOMBIA4:20.78 PHILIP. 4:24.01	Rick DeMont Ton Van Klooster Axel Freudenberg Zoltan Verraszto Wladyslaw Wojtakajtis	HOLLAND 16:34.77 E. GERM 16:37.19 HUN 17:18.66 POLANO 17:23.47	JEAN-PAUL BERJEAUD IAN MACKENZIE MICHAEL RICHARDS SEMI-FINA	HOLLAND 1:00.48 FRANCE 1:00.59 CANADA 1:00.92 G.BRITAIN 1:01.27
GREGORY ROSERS AUSTRALIA 54.26	BENGT GINGSJOE HANS JOACHIM FASSNACHT UDO POSER PETER ROSENKRANZ TOMAS BECERRA DAE IMMANI	W.GERM 4:09.23 E.GERM 4:09.62 W.GERM 4:14.01 COLOMBIA4:20.78 PHILIP. 4:24.01	RICK DEMONT TON VAN KLOOSTER AXEL FREUDENBERG ZOLTAN VERRASZTO	HOLLAND 16:34.77 E. GERM 16:37.19 HUN 17:18.66	JEAN-PAUL BERJEAUD IAN MACKENZIE MICHAEL RICHARDS SEMI-FINA	HOLLAND 1:00.48 FRANCE 1:00.59 CANADA 1:00.92 G.BRITAIN 1:01.27
	BENGT GINGSJOE HANS JOACHIM FASSNACHT UDO POSER PETER ROSENKHANZ TOMAS BECERRA DAE IMLANI DIMITRIOS THEODOROPOULOS HEAT 3	W.GERM 4:09.23 E.GERM 4:09.62 W.GERM 4:14.01 COLOMBIA4:20.78 PHILIP. 4:24.01 GREECE 4:30.54	RICK DeMONT TON VAN KLOOSTER AXEL FREUDENBERG ZOLTAN VERRASZTO WLADYSLAW WOJTAKAJTIS CHRISTOPH KREIENBUHL CSABA SOS	HOLLAND 16:34.77 E. GERM 16:37.19 HUN 17:18.66 POLANO 17:23.47 SWITZEER.17:27.67	JEAN-PAUL BERJEAUD IAN MACKENZIE MICHAEL RICHARDS SEMI-FINA	HOLLAND 1:00.48 FRANCE 1:00.59 CANADA 1:00.92 G.BRITAIN 1:01.27
FINALS	BENGT GINGSJOE HANS JOACHIM FASSNACHT UDO POSER PETER ROSENKRANZ TOMAS BECERRA DAE IMLANI DIMITRIOS THEODOROPOULOS HEAT 3 STEVEN GENTER	W.GERM 4:09.23 E.GERM 4:09.62 W.GERM 4:14.01 COLONBIA4:20.78 PHILIP 4:24.01 GREECE 4:30.54	RICK DEMONT TON VAN KLOOSTER AXEL FREUDENBERG ZOLTAN VERRASZTO WLADYSLAW WOJTAKAJTIS CHRISTOPH KREIENBUHL GSABA SOS FINALS	HOLLAND 16:34.77 E. GERM 16:37.19 HUN 17:18.66 POLAND 17:23.47 SWITZEER.17:27.67 HUNGARY 17:43.97	JEAR-PAUL BERJEAUD IAN MACKENZIE MICHAEL RICHARDS SEMI-FINA MITCHELL IVEY JOHN MURPHY IGGR GRIVENNIKOV	HOLLAND 1:00.48 FRANCE 1:00.59 CANADA 1:00.92 G.BRITAIN 1:01.27 L2 USA 57.99 USA 58.64 USS 59.15
FINALS MARK SPITZ USA 24.56 W 51.22	BENGT GINGSJOE HANS JOACHIM FASSNACHT UDO POSE PETER ROSENKANZ TOMAS BECERRA DAE IMLANI DIMITRIOS THEODOROPOULOS HEAT 3 STEVEN GENTER ANDERS BELLBRING	W.GERM 4:09.23 E.GERM 4:09.52 W.GERM 4:14.01 COLOMBIA4:20.78 PHILIP 4:24.01 GREECE 4:30.54 USA 4:05.89 SWEDEN 4:08.38	RICK DEMONT TON VAN KLOOSTER AXEL FREUDENBERG ZOLTAN VERRASZTO WLADYSLAW WOJTAKAJTIS CHRISTOPH KREIENBUHL GSABA SOS FINALS MIGHAEL BURTON USA 200 06 4445 70	HOLLAND 16:34.77 E. GERM 16:37.19 HUN 17:18.66 POLANO 17:23.47 SWITZEER.17:27.67 HUNGARY 17:43.97	JEAM-PAUL BENJEAUD IAN MACKENZIE MICHAEL RICHARDS SEMI-FINA MITCHELL IVEY JOHN MURPHY JOHN GRIVENNIKOV JUENGEN KRUEGER EJVINO PEOERSEN	HOLLAND 1:00.48 FRANCE 1:00.59 CANADA 1:00.92 G.BRITAIN 1:01.27 L2 USA 57.99 USA 58.64 USS 59.15 E.GERMANY 1:00.06 DEMMARK 1:00.06
FINALS MARK SPITZ USA 24.56 W 51.22	BENGT GINGSJOE HANS JOACHIM FASSNACHT UDO POSE PETER ROSENKHANZ TOMAS BECERRA DAE IMLANI DIMITRIOS THEODOROPOULOS HEAT 3 STEVEN GENTER ANDERS BELLBRING	W.GERM 4:09.23 E.GERM 4:09.62 W.GERM 4:14.01 COLOMBIA4:20.78 PHILIP. 4:24.01 GRECCE 4:30.54 USA 4:05.89 SWEDEN 4:08.36 USSR 4:11.46	RICK DEMONT TON VAN KLOOSTER AXEL FREUDENBERG ZOLTAN VERRASZTO WLAOYSLAW WOJTAKAJTIS CHRISTOPH KREIENBUHL GSABA SOS FINALS MICHAEL BURTON USA 3:06.96 4:10.70	HOLLAND 16:34.77 E. GEMM 16:37.19 HUN 17:18.66 POLANO 17:23.47 SWITZEER.17:27.67 HUNGARY 17:43.97	JEAN-PAUL BENJEAUD IAN MACKENZIE MICHAEL RICHARDS SEMI-FINA MITCHELL IVEY JOHN MURPHY IGOR GRIVENNIKOV JUERGEN KRUEGER EJYINO PEDERSEN EAIK FISH	HOLLAND :00.48 FRANCE :00.59 CANADA :00.59 G.BRITAIN :01.27 L2 USA 57.99 USA 58.64 USSR 59.15 E.GERMANY :00.06 DEMMARK :00.53 CANADA :00.53
FINALS MARK SPITZ USA 24.56 W 51.22 JERBY HEIDENREICH USA 24.96 51.65 VLADINIB BURE USSR 24.96 51.77 JOHN MURPHY USA 25.26 52.08	BENGT GINGSJOE HANS JOACHIM FASSNACHT UDO POSE PETER ROSENKHANZ TOMAS BECERRA DAE IMLANI DIMITRIOS THEODOROPOULOS STEVEN GENTER ANDERS BELLBRING ALEXANDR SANSONOV WOLFRAM SPERLING	W.GERN 4:09.23 E.GERH 4:09.62 W.GERN 4:14.01 COLOMBIA4:20.78 PHILIP 4:24.01 GREECE 4:30.54 USA 4:05.89 SWEDEN 4:08.38 USSR 4:11.46 E.GERN 4:14.73	RICK DEMONT TON VAN KLOOSTER AXEL FREUDENBERG ZOLTAN VERRASZTO WLAOYSLAW WOJTAKAJTIS CHRISTOPH KREIENBUHL GSABA SOS FINALS MICHAEL BURTON USA 3:06.96 4:10.70	HOLLAND 16:34.77 E. GEMM 16:37.19 HUN 17:18.66 POLANO 17:23.47 SWITZEER.17:27.67 HUNGARY 17:43.97	JEAN-PAUL BENJEAUD IAN MACKENZIE MICHAEL RICHARDS SEMI-FINA MITCHELL IVEY JOHN MURPHY IGOR GRIVENNIKOV JUERGEN KRUEGER EJYINO PEDERSEN EAIK FISH	HOLLAND :00.48 FRANCE :00.59 CANADA :00.59 G.BRITAIN :01.27 L2 USA 57.99 USA 58.64 USSR 59.15 E.GERMANY :00.06 DEMMARK :00.53 CANADA :00.53
FINALS MARK SPITZ	BENGT GINGSJOE HANS JOACHIM FASSNACHT UDO POSER PETER ROSENKAANZ TOMAS BECERRA DAE IMLANI DIMITRIOS THEODOROPOULOS HEAT 3 STEVEN GENTER ANDERS BELLBRING ALEXANDR SANSONOV WOLFRAM SPERLING SVERBE KILE	W.EERM 4:09_23 E.BERM 4:09_62 W.GERM 4:14_01 COLOMBIA4:20_78 FHILIP. 4:24_01 GREECE 4:30_54 USA 4:05_89 SWEDEN 4:08_38 USS 4:11_46 E.BERM 4:14_73 NORMAY 4:20_68	RICK DEMONT TON VAN KLOOSTER AXEL FREUDENBERG ZOLTAN VERRASZTO WLADYSLAW WOJTAKAJTIS CHRISTOPH KREIENBUHL GSABA SOS FINALS MIGHAEL BURTON USA 200 06 4445 70	HOLLAND 16:34.77 E. GEMM 16:37.19 HUN 17:18.66 POLANO 17:23.47 SWITZEER.17:27.67 HUNGARY 17:43.97	JEAN-PAUL BEBJEAUD IAN MACKENZIE MICHAEL RICHARDS SEMI-FINA MITCHELL IVEY JOHN MURPHY IGON GRIVENNIKOV JUERGEN KRUEGER EJVINO PEDERSEN EAIK FISH CLIVE RUSHTON	HOLLAND :00.48 FRANCE :00.59 CANADA :00.59 G.BRITAIN :01.27 L2 USA 57.99 USA 58.64 USSR 59.15 E.GERMANY :00.06 DEMMARK :00.53 CANADA :00.53
FINALS	BENGT GINGSJOE HANS JOACHIM FASSNACHT UDO POSER PETER ROSENKAANZ TOMAS BECERRA DAE IMLANI DIMITRIOS THEODOROPOULOS HEAT 3 STEVEN GENTER ANDERS BELLBRING ALEXANDR SANSONOV WOLFRAM SPERLING SVERBE KILE	W.GERN 4:09.23 E.GERH 4:09.62 W.GERN 4:14.01 COLOMBIA4:20.78 PHILIP 4:24.01 GREECE 4:30.54 USA 4:05.89 SWEDEN 4:08.38 USSR 4:11.46 E.GERN 4:14.73	RICK DEMONT TON VAN KLOOSTER AXEL FREUDENBERG ZOLTAN VERRASZTO WLADYSLAW WOJTAKAJTIS CHRISTOPH KREIENBUHL GSABA SOS FINALS MICHAEL BURTON USA 3:06.96 4:10.70 7:22.26 8:25.86 11:37.94 12:42.10 GRAHAM WINDEATT A*LIA	HOLLAND 16:34.77 E. GERM 16:37.19 HUN 17:18.66 POLANO 17:23.47 SWITZEER.17:27.67 HUNGARY 17:43.97 1:00.28 2:03.22 5:14.48 6:18.19 9:29.96 10:33.81 13:45.82 14:49.57 W 15:52.56 1:01.44 2:04.89	JEAN-PAUL BEAJEAUD IAN MACKENZIE MICHAEL RICHARDS SEMI-FINA MITCHELL IVEY JOHN MURPHY IGOR GRIVENNIKOV JUERGEN KRUEGER EJVINO PEDERSEN EAIK FISH CLIVE RUSHTON MILOS NENAD	HOLLAND :00.48 FRANCE :00.59 CAMADA :00.59 G.BRITAIN ::01.27 L2 USA 57.99 USA 58.64 USS 59.15 E.GERMANY 1:00.06 DENMARK :00.53 G.GRITAIN 1:01.25 YUGOSLAVIAI:01.29
FINALS	BENGT GINGSJOE HANS JOACHIM FASSNACHT UDO POSE PETER ROSENKAANZ TOMAS BECERRA DAE IMLANI DIMITRIOS THEODOROPOULOS HEAT 3 STEVEN GENTER ANDERS BELLBRING ALEXANDR SAMSONOV WOLFRAM SPERLING SVERRE KILE JOSE LUIS PRADO FRIDRIK GUDMUNDSSON	W.EERM 4:09.23 E.GERH 4:09.62 W.GERM 4:14.01 COLOMBIA4:20.78 PHILIP. 4:24.01 GREEGE 4:30.54 USA 4:05.89 SWEDEN 4:08.38 USSA 4:10.46 E.GERH. 4:14.73 NORMAY 4:20.31	RICK DEMONT TON VAN KLOOSTER AXEL FREUDENBERG ZOLTAN VERRASZTO WLAD YSLAW WOJTAKAJTIS CHRISTOPH KREIENBUHL GSABA SOS FINALS MICHAEL BURTON USA 3:06.96 4:10.70 7:22.26 8:25.86 11:37.94 12:42.10 GRAHAM WINDEATT A'LIA 3:08.35 4:11.97	HOLLAND 16:34.77 E. GERM 16:37.19 HUN 17:18.66 POLANO 17:23.47 SMITZEER.17:27.67 HUNGARV 17:43.97 1:00.28 2:03.22 5:14.48 6:18.19 9:29.96 10:33.81 13:45.82 14:49.57 W 15:52.56 1:01.44 2:04.89 5:15.48 6:18.95	JEAR-PAUL BENJEAUD IAN MACKENZIE MICHAEL RICHARDS SEMI-FINA MITCHELL IVEY JOHN MURP HY IGOR GRIVENNIKOV JUENGEN KRUEGER EJVINO PEDERSEN ERIK FISH CLIVE RUSHTON MILOS NENAD	HOLLAND 1:00.48 FRANCE 1:00.59 G.BRITAIN 1:01.27 L2 USA 57.99 USA 58.64 USSA 59.15 E.GERNANY 1:00.06 DENMARK 1:00.53 CANADA 1:00.73 G.BRITAIN 1:01.25 YUGOSLAVIAI:01.29
FINALS	BENGT GINGSJOE HANS JOACHIM FASSNACHT UDO POSE PETER ROSENKHANZ TOMAS BECERRA DAE IMLANI DIMITRIOS THEODOROPOULOS STEVEN GENTER ANDERS BELLBRING ALEXANDR SANSONOV WOLFRAM SPERLING SVERRE KILE JOSE LUIS PRADO FRIDRIK GUDMUNDSSON	W.GERM 4:09.23 E.GERH 4:09.62 W.GERM 4:14.01 COLOMBIA4:20.78 PHILIP. 4:24.01 GREEGE 4:30.54 USA 4:05.89 SWEDEN 4:08.38 USSA 4:10.40 USSA 4:11.46 E.GERM. 4:14.73 NORMAY 4:20.46 MEXICO 4:22.31 ICELAND 4:26.25	RICK DeMONT TON VAN KLOOSTER AXEL FREUDENBERG ZOLTAN VERRASZTO WLADYSLAW WOJTAKAJTIS CHRISTOPH KREIENBUHL CSABA SOS FINALS MICHAEL BURTON USA 3:06.96 4:10.70 7:22.28 8:25.86 11:37.94 12:42.10 GRAHAM WINGEATT A'LIA 3:08.35 4:11.97 7:21.96 8:25.01	HOLLAND 16:34.77 E. GERM 16:37.19 HUN 17:18.66 POLAND 17:23.47 SWITZEER.17:27.67 HUNGARY 2:03.22 5:14.48 6:18.19 9:29.96 10:33.81 13:45.82 14:49.57 W 15:52.58 1:01.44 2:04.89 5:15.48 6:18.95 9:28.46 10:32.19	JEAM-PAUL BEAJEAUD IAN MACKENZIE MICHAEL RICHARDS SEMI-FINA MITCHELL IVEY JOHN MURPHY JOHN KRUPHY JOHN FRIVENNIKOV JUENGEN KRUEGER EJVINN PEDERSEN ERIK FISH CLIVE RUSHTON MILOS NENAD FINALS ROLAND MATTHES E.GER	HOLLAND 1:00.48 FRANCE 1:00.59 CAMADA 1:00.92 G.BRITAIN 1:01.27 L2 USA 57.99 USA 58.64 USSA 59.15 E.GERMANY 1:00.06 DEMMARK 1:00.73 CAMADA 1:00.73 G.BRITAIN 1:01.25 YUGOSLAVIA1:01.29
FINALS	BENGT GINGSJOE HANS JOACHIM FASSNACHT UDO POSE PETER ROSENKANZ TOMAS BECERRA DAE IMLANI DIMITRIOS THEODOROPOULOS HEAT 3 STEVEN GENTER ANDERS BELLBRING ALEXANDR SAMSONOV WOLFRAM SPERLING SVERRE KILE JOSE LUIS PRADO FRIDRIK GUDMUNDSON HEAT 4 BRADFORD COOPER	W.EERM 4:09_23 E.BERM 4:09_62 W.GERM 4:14_01 COLOMBIA4:20_78 PHILIP. 4:24_01 GREECE 4:30_54 USA 4:05_89 SWEDEN 4:08_38 USS 4:11_46 E.GERM 4:14_73 NORMAY 4:20_66 MEXICO 4:22_31 ICELAND 4:26_25	RICK DeMONT TON VAN KLOOSTER AXEL FREUDENBERG ZOLTAN VERRASZTO WLADYSLAW WOJTAKAJTIS CHRISTOPH KREIENBUHL CSABA SOS FINALS MICHAEL BURTON USA 3:06.96 4:10.70 7:22.28 8:25.86 11:37.94 12:42.10 GRAHAM WINGEATT A'LIA 3:08.35 4:11.97 7:21.96 8:25.01	HOLLAND 16:34.77 E. GERM 16:37.19 HUN 17:18.66 POLANO 17:23.47 SWITZEER. 17:27.67 HUNGARY 17:43.97 1:00.28 2:03.22 5:14.48 6:18.19 9:29.96 10:33.81 13:45.82 14:49.57 W 15:52.56 1:01.44 2:04.89 5:15.48 6:18.95 9:28.46 10:32.19 13:47.96 14:53.59	JEAN—PAUL BEAJEAUD IAN MACKENZIE MICHAEL RICHARDS SEMI—FINA MITCHELL IVEY JOHN MUMPHY IGOR GRIVENNIKOV JUERGEN KRUEGER EJVINO PEDERBEN EAIK FISH CLIVE RUSHTON MILOS NENAD FINALS ROLAND MATTHES MIKE STAMM USA	HOLLAND :00.48 FRANCE :00.59 CANADA :00.92 G.BRITAIN :01.27 L2 USA 57.99 USA 58.64 USSR 59.15 E.GERMANY :00.06 DEMMARK :00.73 G.BRITAIN :01.25 YUGOSLAVIAI:01.29
FINALS	BENGT GINGSJOE HANS JOACHIM FASSNACHT UDO POSE PETER ROSENKANZ TOMAS BECERRA DAE IMLANI DIMITRIOS THEODOROPOULOS HEAT 3 STEVEN GENTER ANDERS BELLBRING ALEXANDR SAMSONOV WOLFRAM SPERLING SVERRE KILE JOSE LUIS PRADO FRIDRIK GUDMUNDSON HEAT 4 BRADFORD COOPER WERNER LAMPE	W.EERM 4:09_23 E.GERM 4:09_62 W.GERM 4:14.01 COLOMBIA4:20.78 FHILIP. 4:24.01 GREECE 4:30.54 USA 4:05.89 USSB 4:08.38 USSB 4:10.48 E.GERM. 4:14.73 NORMAY 4:20.86 MORIAGO 4:22.31 ICELAND 4:26.25	RICK DEMONT TON VAN KLOOSTER AXEL FREUDENBERG ZOLTAN VERRASZTO WLADYSLAW WOJTAKAJTIS CHRISTOPH KREIENBUHL GSABA SOS FINALS MICHAEL BURTON USA 3:06.96 4:10.70 7:22.26 8:25.96 11:37.94 12:42.10 GRAHAM WINDEATT Å*LIA 3:08.35 4:11.97 7:21.96 8:25.01	HOLLAND 16:34.77 E. GERM 16:37.19 HUN 17:18.66 POLANO 17:23.47 SWITZEER.17:27.67 17:43.97 1:00.28 2:03.22 5:14.48 6:18.19 9:29.96 10:33.81 13:45.82 14:49.57 W 15:52.58 1:01.44 2:04.89 5:15.48 6:18.95 9:28.46 10:32.19 13:47.96 14:53.59 15:56.48 1:01.31 2:05.59.48	JEAN—PAUL BEAJEAUD IAN MACKENZIE MICHAEL RICHARDS SEMI—FINA MITCHELL IVEY JOHN MURPHY IGOR GRIVENNIKOV JUERGEN KRUEGER EJVINO PEDERSEN ELIVE RUSHTON MILOS NENAO FINALS ROLAND MATTHES E.GER MIKE STAMM USA JOHN MURPHY USA MITCHELL IVEY USA	HOLLAND :00.48 FRANCE :00.59 CANADA :00.92 G.BRITAIN :01.27 L2 USA 57.99 USA 58.64 USSR 59.15 E.GERMANY :00.06 DEMMARR :00.53 CANADA :00.73 G.BRITAIN :01.25 YUGOSLAVIAI:01.29 H 27.41 56.58 27.47 57.70 27.78 58.35 27.53 58.48
FINALS	BENGT GINGSJOE HANS JOACHIM FASSNACHT UDO POSE PETER ROSENKHANZ TOMAS BECERRA DAE IMLANI DIMITRIOS THEODOROPOULOS STEVEN GENTER ANDERS BELLBRING ALEXANDR SAMSONOV WOLFRAM SPERLING SVERRE KILE JOSE LUIS PRADO FRIDRIK GUDMUNDSSON HEAT 4 WERNER LAMPE RALPH HUTTON	W.GERM 4:09.23 E.GERH 4:09.62 W.GERM 4:14.01 COLOMBIA4:20.78 PHILIP. 4:24.01 GREEGE 4:30.54 USA 4:05.89 SWEDEN 4:08.38 USSR 4:11.46 E.GERM 4:14.73 NORMAY 4:20.86 MEXICO 4:22.31 ICELAND 4:26.25 W.GERM 4:04.59 W.GERM 4:04.80 CANADA 4:09.27	RICK DEMONT TON VAN KLOOSTER AXEL FREUDENBERG ZOLTAN VERRASZTO WLADYSLAW WOJTAKAJTIS CHRISTOPH KREIENBUHL GSABA SOS FINALS MICHAEL BURTON USA 3:06.96 4:10.70 7:22.26 8:25.96 11:37.94 12:42.10 GRAHAM WINDEATT Å*LIA 3:08.35 4:11.97 7:21.96 8:25.01	HOLLAND 16:34.77 E. GERM 16:37.19 HUN 17:18.66 POLANO 17:23.47 SWITZEER.17:27.67 17:43.97 1:00.28 2:03.22 5:14.48 6:18.19 9:29.96 10:33.81 13:45.82 14:49.57 W 15:52.58 1:01.44 2:04.89 5:15.48 6:18.95 9:28.46 10:32.19 13:47.96 14:53.59 15:56.48 1:01.31 2:05.59.48	JEAN—PAUL BEAJEAUD IAN MACKENZIE MICHAEL RICHARDS SEMI—FINA MITCHELL IVEY JOHN MURPHY IGOR GRIVENNIKOV JUERGEN KRUEGER EJVINO PEDERSEN ELIVE RUSHTON MILOS NENAO FINALS ROLAND MATTHES E.GER MIKE STAMM USA JOHN MURPHY USA MITCHELL IVEY USA	HOLLAND :00.48 FRANCE :00.59 CANADA :00.92 G.BRITAIN :01.27 L2 USA 57.99 USA 58.64 USSR 59.15 E.GERMANY :00.06 DEMMARR :00.53 CANADA :00.73 G.BRITAIN :01.25 YUGOSLAVIAI:01.29 H 27.41 56.58 27.47 57.70 27.78 58.35 27.53 58.48
FINALS	BENGT GINGSJOE HANS JOACHIM FASSNACHT UDO POSE PETER ROSENKAANZ TOMAS BECERRA DAE IMLANI DIMITRIOS THEODOROPOULOS HEAT 3 STEVEN GENTER ANDERS BELLBRING ALEXANDR SAMSONOV WOLFRAM SPERLING SVERRE KILE JOSE LUIS PRADO FRIDRIK GUDMUNDSSON HEAT 4 BRADFORD COOPER WERNER LAMPE RALPH HUITON WLADYSLAW WOJTAKAJTIS	W.EERM 4:09_23 E.GERM 4:09_62 W.GERM 4:14.01 COLOMBIA4:20.78 FHILIP. 4:24.01 GREECE 4:30.54 USA 4:05.89 USSB 4:08.38 USSB 4:10.48 E.GERM. 4:14.73 NORMAY 4:20.86 MORIAGO 4:22.31 ICELAND 4:26.25	RICK DeMONT TON VAN KLOOSTER AXEL FREUDENBERG ZOLTAN VERRASZTO WLADYSLAW WOJTAKAJTIS CHRISTOPH KREIENBUHL CSABA SOS FINALS MICHAEL BURTON USA 3:06.96 4:10.70 7:22.28 8:25.86 11:37.94 12:42.10 GRAHAM WINDEATT A'LIA 3:08.95 4:11.97 7:21.96 8:25.01 11:37.11 12:42.66 DOUGLAS NORTHWAY USA 3:09.46 4:13.35 7:25.61 8:30.05	HOLLAND 16:34.77 E. GERM 16:37.19 HUN 17:18.66 POLAND 17:23.47 SWITZEER.17:27.67 HUNGARY 2:03.22 5:14.48 6:18.19 9:29.96 10:33.81 13:45.82 14:49.57 W 15:52.58 1:01.44 2:04.89 5:15.48 6:18.95 9:28.46 10:32.19 13:47.96 14:53.59 13:47.96 14:53.59 15:58.48 1:01.31 2:05.52 5:17.00 6:21.19 9:34.84 10:39.95	JEAN—PAUL BENJEAUD IAN MACKENZIE MICHAELR ICHARDS SEMI—FINA MITCHELL IVEY JOHN MURPHY JOHN KRUEGER ELIVINO PEDERSEN ERIK FISH CLIVE RUSHTON MILOS NENAD FINALS ROLAND MATTHES E.GER MIKE STAMM USA JOHN MURPHY USA MITCHELL IVEY IGOR GRIVENNIKOV USA LUTZ WANJA E.GER	HOLLAND :00.48 FRANCE :00.59 CAMADA :00.59 CAMADA :00.92 G.BRITAIN :01.27 L2 USA 58.64 USA 58.64 USA 59.15 E.GERMANY :00.06 DEMMARK :00.53 CAMADA :00.73 G.BRITAIN :01.29 CAMADA :00.73 G.BRITAIN :01.29 CAMADA :00.73 CAMADA :00.7
FINALS	BENGT GINGSJOE HANS JOACHIM FASSNACHT UDO POSE PETER ROSENKANZ TOMAS BECERRA DAE IMLANI DIMITRIOS THEODOROPOULOS HEAT 3 STEVEN GENTER ANDERS BELLBRING ALEXANDR SAMSONOV WOLFRAM SPERLING SVERRE KILE JOSE LUIS PRADO FRIDRIK GUDMUNDSON HEAT 4 BRADFORD COOPER WERNER LAMPE RALPH HUTTON WLADYSLAW WOJTAKAJTIS ALFREDO CARLOS MACHADO ARNALDO CINQUETTI ARRADO CINQUETTI ARRADO CINQUETTI ALFREDO CARLOS MACHADO ARNALDO CINQUETTI	W.EERM 4:09.23 E.BERM 4:09.62 W.GERM 4:14.01 COLOMBIA4:20.78 PHILIP. 4:24.01 GREECE 4:30.54 USA 4:05.89 SWEDEN 4:08.38 USSR 4:11.46 E.GERM 4:14.73 NORMAY 4:20.66 MEXICO 4:22.31 ICELAND 4:26.25 A'LIA 4:04.59 W.GERM 4:04.80 CANADA 4:09.27 POLANO 4:16.04 BRAZIL 4:18.05	RICK DeMONT TON VAN KLOOSTER AXEL FREUDENBERG ZOLTAN VERRASZTO WLADYSLAW WOJTAKAJTIS CHRISTOPH KREIENBUHL CSABA SOS FINALS MICHAEL BURTON USA 3:06.96 4:10.70 7:22.28 8:25.86 11:37.94 12:42.10 GRAHAM WINDEATT A'LIA 3:08.95 4:11.97 7:21.96 8:25.01 11:37.11 12:42.66 DOUGLAS NORTHWAY USA 3:09.46 4:13.35 7:25.61 8:30.05	HOLLAND 16:34.77 E. GERM 16:37.19 HUN 17:18.66 POLANO 17:23.47 SWITZEER.17:27.67 HUNGARY 17:43.97	JEAR—PAUL BEAJEAUD IAN MACKENZIE MICHAEL RICHARDS SEMI—FINA MITCHELL IVEY JOHN MUMPHY JOSO GRIVENNIKOV JUERGEN KRUEGER EJYINO PEDERSEN ELIVE RUSHTON MILOS NENAO FINALS ROLANO MATTHES E.GER MIKE STAMM JOHN MUMPHY USA JOHN MUMPHY USA IGOR GRIVENNIKOV LUTZ WANJA E.GER E.GER	HOLLAND :00.48 FRANCE :00.59 CAMADA :00.92 G.BRITAIN :01.27 L2 USA 57.99 USA 58.64 USSR 59.15 E.GERMANY :00.06 DEMMARK :00.73 G.BRITAIN :01.25 YUGOSLAVIAI:01.29 M 27.41 56.58 27.47 57.70 27.78 58.35 28.21 59.50 H 28.35 59.60 H 28.35 59.60
FINALS	BENGT GINGSJOE HANS JOACHIM FASSNACHT UDO POSE PETER ROSENKHANZ TOMAS BECERRA DAE IMLANI DIMITRIOS THEODOROPOULOS STEVEN GENTER ANDERS BELLBRING ALEXANDR SANSONOV WOLFRAM SPERLING SVERRE KILE JOSE LUIS PRADO FRIDRIK GUDMUNDSSON HEAT 4 BRADFORD COOPER WEANER LAMPE RALPH HUTTON WLADYSLAW WOJTAKAJTIS ALFREDO CARLOS MACHADO	W.EERM 4:09.23 E.BERM 4:09.62 W.GERM 4:14.01 COLOMBIA4:20.78 PHILIP. 4:24.01 GREECE 4:30.54 USA 4:05.89 SWEDEN 4:08.38 USSR 4:11.46 E.GERM 4:14.73 NORMAY 4:20.66 MEXICO 4:22.31 ICELAND 4:26.25 A'LIA 4:04.59 W.GERM 4:04.80 CANADA 4:09.27 POLANO 4:16.04 BRAZIL 4:18.05	RICK DeMONT TON VAN KLOOSTER AXEL FREUDENBERG ZOLTAN VERRASZTO WLADYSLAW WOJTAKAJTIS CHRISTOPH KREIENBUHL CSABA SOS FINALS MICHAEL BURTON USA 3:06.96 4:10.70 7:22.28 8:25.86 11:37.94 12:42.10 GRAHAM WINDEATT A'LIA 3:08.95 4:11.97 7:21.96 8:25.01 11:37.11 12:42.66 DOUGLAS NORTHWAY USA 3:09.46 4:13.35 7:25.61 8:30.05	HOLLAND 16:34.77 E. GERM 16:37.19 HUN 17:18.66 POLANO 17:23.47 SWITZEER. 17:23.47	JEAR—PAUL BEAJEAUD IAN MACKENZIE MICHAEL RICHARDS SEMI—FINA MITCHELL IVEY JOHN MUMPHY JOHN MUMPHY JORG GRIVENNIKOV JUERGEN KRUEGER EJVINO PEDERSEN ELIVE RUSHTON MILOS NENAO FINALS ROLAND MATTHES E.GER MIKE STAMM JOHN MUMPHY MISA JOHN MUMPHY MISA JOHN MUMPHY MISA LOGG GRIVENNIKOV LUTZ WANJA E.GER JUERGEN KRUEGER E.GER	HOLLAND :00.48 FRANCE :00.59 CAMADA :00.59 CAMADA :00.92 G.BRITAIN :01.27 L2 USA 58.64 USA 58.64 USA 59.15 E.GERMANY :00.06 DEMMARK :00.53 CAMADA :00.73 G.BRITAIN :01.29 CAMADA :00.73 G.BRITAIN :01.29 CAMADA :00.73 CAMADA :00.7
Finals	BENGT GINGSJOE HANS JOACHIM FASSNACHT UDO POSE PETER ROSENKANZ TOMAS BECERRA DAE IMLANI DIMITRIOS THEODOROPOULOS HEAT 3 STEVEN GENTER ANDERS BELLBRING ALEXANDR SAMSONOV WOLFRAM SPERLING SVERRE KILE JOSE LUIS PRADO FRIDRIK GUDMUNDSON HEAT 4 BRADFORD COOPER WERNER LAMPE RALPH HUTTON WLADYSLAW WOJTAKAJTIS ALFREDO CARLOS MACHADO ARNALDO CINQUETTI ARRADO CINQUETTI ARRADO CINQUETTI ALFREDO CARLOS MACHADO ARNALDO CINQUETTI	W.EERM 4:09.23 E.BERM 4:09.62 W.GERM 4:14.01 COLOMBIA4:20.78 PHILIP. 4:24.01 GREECE 4:30.54 USA 4:05.89 SWEDEN 4:08.38 USSR 4:11.46 E.GERM 4:14.73 NORMAY 4:20.66 MEXICO 4:22.31 ICELAND 4:26.25 A'LIA 4:04.59 W.GERM 4:04.80 CANADA 4:09.27 POLANO 4:16.04 BRAZIL 4:18.05	RICK DeMONT TON VAN KLOOSTER AXEL FREUDENBERG ZOLTAN VERRASZTO WLADYSLAW WOJTAKAJTIS CHRISTOPH KREIENBUHL CSABA SOS FINALS MICHAEL BURTON USA 3:06.96 4:10.70 7:22.28 8:25.86 11:37.94 12:42.10 GRAHAM WINDEATT A'LIA 3:08.95 4:11.97 7:21.96 8:25.01 11:37.11 12:42.66 DOUGLAS NORTHWAY USA 3:09.46 4:13.35 7:25.61 8:30.05	HOLLAND 16:34.77 E. GERM 16:37.19 HUN 17:18.66 POLANO 17:23.47 SWITZEER. 17:23.47	JEAR—PAUL BEAJEAUD IAN MACKENZIE MICHAEL RICHARDS SEMI—FINA MITCHELL IVEY JOHN MUMPHY JOSO GRIVENNIKOV JUERGEN KRUEGER EJYINO PEDERSEN ELIVE RUSHTON MILOS NENAO FINALS ROLANO MATTHES E.GER MIKE STAMM JOHN MUMPHY USA JOHN MUMPHY USA IGOR GRIVENNIKOV LUTZ WANJA E.GER E.GER	HOLLAND :00.48 FRANCE :00.59 CAMADA :00.92 G.BRITAIN :01.27 L2 USA 57.99 USA 58.64 USSR 59.15 E.GERMANY :00.06 DEMMARK :00.73 G.BRITAIN :01.25 YUGOSLAVIAI:01.29 M 27.41 56.58 27.47 57.70 27.78 58.35 28.21 59.50 H 28.35 59.60 H 28.35 59.60

200 METER BACKSTROKE HEAT I	HEAT 6	100 METER BUTTERFLY	JOHN MILLS G.BRITAIN 2:02.11
ZOLTAN VERBASZTO HUNG 2:09.89	Walter Kusch . Wagermany 1:06.95 Viktor Stulikov USSR 1:08.18	HEAT I	BRIAN BRINKLEY G.BRITAIN 2:06.58
COLIN CUNNINGHAM G.BRIT. 2:11.06	Michael Guenther W.Germany 1:08.93	DAVID EDGAR USA 57.30 ROGER PYTTEL E.GERMANY 57.98	BYRON MACDONALD CANADA 2:12.12 GAETANO CARBONI ITALY 2:12.16
WILLIAM KENNEDY CANADA 2:12.55	ARMANDO OSVALDO BORETTO ARGENTINA 1:09.64	ROGER PYTTEL: E.GERMANY 57.98 PETER REMMEL W.GERMANY 58.97	GAETANO CARBONI ITALY 2:12,16 TUNG-HSIUNG HSU CHINA 2:16,35
RAFAEL ROCHA MEXICO 2:15.81	JANOS TOTH HUNGARY 1:10.02	ANDRZEJ CHUDZINSKI POLAND 1:00-22	CARLOS SINGSON BROSAS PHILIPPINE2:23.70
IAN MACKENZIE CAMADA 2:16.36	ANGHEL TCHAKAROV BULGARIA 1:10.34	ALAIN MOSCONI FRANCE 1:00.23	OARLOS STREETH DROWNS THILLIPTINGE 2220115
SERGIO HASBUN EL SALV. 2:27.93 MARK ANTHONY CROCKER HONGKONG 2:33.64	PAUL NAISBY G.BRITAIN 1:11.05	SALVADOR VILANOVA EL SALV. 1:01.25	FINALS
MARK ANTHUNY DRUCKER HUNGRONG 2:33.04	GUDJON GUDMUNDSSON CELAND : .	MARTIN EDWARDS G.BRITAIN 1:01.29	MARK SPITZ USA 27.12 57.79
HEAT 2	FINALS	BRUNO BASSOUL LIBYA 1:05.45	1:28.90 W2:00.70
MIKE STAMM USA 2:07.51	NOBUTAKA TAGUCHI JAPAN 31.38 WI:04.94	HEAT 2	GARY HALL USA 28.57 59.10 1:30.57 2:02.86
NEIL MARTIN AUSTRALIA 2:12.09	Tom Bruce USA 30.66 1:05.43	BRUCE ROBERTSON CANADA 56.45	ROBIN BACKHAUS USA 27.93 58.52
MILOS NENAD YUGO 2:12.99	JOHN HENCKEN USA 30.74 1:05.61	ISTVAN SZENTIRMAY HUNGARY 58.07	1:30,33 2:03.23
LUTZ WANJA E.GERMANY 2:13.46 VAN SARUN CAMBODIA 2:24.42	MARK CHATFIELD USA 30.81 1:06.01 Walter Kusch W.Ger 31.46 1:06.23	SERGIO WAISMANN BRAZIL 58.37	JORGE DELGADO ECUADR 28-17 59-67
CHIANG JIN-CHOON MALAYSIA 2:26.51	Walter Kusch W.Ger 31.46 1:06.23 Jose Sylvio Fiolo Brazil 31.03 1:06.24	YASUHIRO KOMAZAKI JAPAN 59.71 Hugo Valencia Mexico 1:00.14	1:31.86 *2:04.60
	NIKOLAI PANKIN USSR 31.27 1:06.36	Hugo Valencia Mexico 1:00.14 Feridun Aybars Turkey 1:04.46	HANS FASSNACHT W.GER. 28.51 1:00.11 1:32.18 2:04.69
HEAT 3	DAVID WILKIE G.BRIT 31.02 1:06.52	NHEM CHHAY-KHENG CAMBODIA 1:05.12	ANDRAS HARGITAY HUNG. 28.29 59.58
BRADFORD COOPER AUSTRALIA 2:07.90 TIM MCKEE USA 2:08.19	AND AN AREA OF THE PERSON OF T	RONNIE MAN CHUI WONG HONG KONG 1:07.50	· 1:32.52 *2:04.69
MASSIMO NISTRI ITALY 2:12.85	SEMI-FINAL 2 NOBUTAKA TAGUCHI JAPAN WI:05.13		HARTMUT FLOECKNER E.GERM 27.98 59.70
JOSE URUETA MEXICO 2:13.85	NOBUTAKA TAGUCHI JAPAN WI:05.13 WALTER KUSCH W.GERMANY 1:05.78	ROLAND MATTHES E.GERMANY 57.16	1:32.76 *2:05.34
LARS BORGESEN DENMARK 2:14.50	NIKOLAI PANKIN USSR 1:06.08	Neil Rogers Australia 57.40	FOLKERT MEEUW W.GERM 28.79 1:00.56 1:33.09 2:05.57
ROMULO ARANTES JR. BRAZIL 2:18.15	MARK CHATFIELD USA 1:06.08	JOHN MILLS G.BRITAIN 58.28	1100100 2100101
GERARDO ROSARIO PHILIPINES2:23.53	DAVID WILKIE G.BRITAIN 1:06.25	VIKTOR SHARYGIN, USSR 58.40	200 METER INDIVIDUAL MEDLEY
HEAT 4	VIKTOR STULIKOV USSR 1:06.66 VLADIMIR KOSINSKIY USSR 1:07.08	ARTURO LANG LENTON SPAIN 59.22	HEAT I
MITCHELL IVEY USA 2:09.32	ROGER MENU FRANCE 1:07.75	GEORGI KULIKOV USSR 59.28 DIMITRIOS KARDIS GREECE 1:00.06	WOLFRAM SPERLING E.GERM. 2:12.87
JEAN-PAUL-BERJEAUD FRANCE 2:09.93	nough from	DIMITRIOS KARDIS GREECE 1:00.06 ROY KUM WAH CHAN SINGAPORE 1:02.24	THOMAS ARETZ W.GERM. 2:13.19 BERTRAM TUERPE E.GERM. 2:16.54
BOB SCHOUTSEN HOLLAND 2:10.56	SEMI-FINAL I	TOT THE WALL SHARE TO CALL	Tung-Hsiung Hsu China 2:18.34
TADASHI HONDA JAPAN 2:11.11 ROBERT RUDOLF HUNGARY 2:13.64	JOHN HENCKEN USA W 1:05.68	HEAT 4	JOSE JOAQUIN SANTIBANEZ MEXICO 2:19.47
ROBERT RUDOLF HUNGARY 2:13,64 JOHN HAWES CANADA 2:15,34	JOSE SYLVIO FIOLO BRAZIL 1:05.99 TOM BRUCE USA 1:06.05	JERRY HEIDENREICH USA 56.86	AMIN AHMED ADEL YOUSSEF EGYPT 2:24.61
NORBERT VERWEYEN W.GERMANY 2:15.94	KLAUS KATZUR E.GERMANY 1:06.82	LUTZ STOKLASA W.GERMANY 57.50 ROBERT KASTING CANADA 57.65	HEAT 2
MILOS PREDRAG YUGOSLAVIA2:18.43	WILLIAM MAHONY CANADA 1:07.06	GEOFFREY FERREIRA TRINIDAD 58.26	ANDRAS HARGITAY HUNGARY 2:10.88
\$25400E	BERNARD COMBET FRANCE 1:07.76	JACQUES LELOUP BELGIUM 58.77	BRUCE FEATHERSTON AUSTRALIA 2:15.18
HEAT 5 ROLAND MATTHES E.GERMANY 2:06.62	HOBERT STODDART CANADA 1:08.61	VLADIMIR KRIVZOV USSR 59.83	CLAYTON EVANS CANADA 2:15.19
LOTHAR NOACK E.GERMANY 2:08.80	RAINER HRADETZKY E.GERMANY 1:09.49	CARLOS SINGSON BROSAS PHILIPPINESI:02.11	DAVID BRUMWELL CANADA 2:16.84
ANDERS SANDBERG SWEDEN 2:11.36	200 METER BREASTSTROKE	Harvey 6	GUDMUNDUR GISLASON ICELAND 2:20.00
EJVIND PEDERSEN DENMARK 2:12.30	HEAT I	HEAT 5 MARK SPITZ USA 56.45	JAMES FINDLAY AUSTRALIA 2:20.08 RONNIE MAN CHUI WONG HONGKONG 2:34.82
HELMUT PODOLAN AUSTRIA 2:13.63	KLAUS KATZUR E.GERMANY 2:26.32	HARTMUT FLOECKNER E.GERMANY 57.41	NORWIE THE ONLY WORK HONONO 2:07:02
PIERRE BAEHR FRANCE 2:14.65 BRUCE FEATHERSTON AUSTRALIA 2:18.63	WILLIAM MAHONY GANADA 2:26.71	JUAN BELLO PERU 57.54	HEAT 3
GUSTAVO OSCAR GONZALEZ ARGENTINA 2:19.74	ROGER MENU FRANCE 2:30.05 GUDJON GUDMUNDSSON ICELAND 2:32.40	BYRON MACDONALD CANADA 57.56	GUNNAR LARSSON SWEDEN 2:09.70
	GUDJON GUDMUNDSSON ICELAND 2:32.40 YI SOKHON CAMBODIA 2:34.77	HANS LAMPE W.GERMANY 59.00 SEAN MAHER W.GERMANY 59.50	KLAUS STEINBACH W.GERMANY 2:13.84
FINAL	JANOS TOTH HUNGARY 2:37.40	VASSIL DOBREV BULGARIA 1:00.07	DOUGLAS JAMISON CANADA 2:17.71 ANTONIO ROCHA AZEVEDO BRAZIL 2:19.41
ROLAND MATTHES E.GERM. 28.85 59.96 1:30.96 2:02.62		ALEKSANDAR PAVLICEVIC YUGOSLAVIAI:00.29	MARIAN SLAVIC ROMANIA 2:19.98
1:30,96 2:02,62 Mike Stamm USA 28,68 1:00.05	HEAT 2	######################################	ROY KUM WAH CHAN SINGAPORE 2:24.43
1:32.02 2:04.09	NOBUTAKA TAGUCHI JAPAN 2:23.45 FELIPE MUNOZ MEXICO 2:25.99	SEMI-FINAL I ROLAND MATTHES E.GERMANY 56.51	The second secon
MITCHELL IVEY USA 28.29 59.34	PEDRO BALGELLS SPAIN 2:29.29	BRUCE ROBERTSON CANADA 56.86	TIM MCKEE USA 2:10.44
1:31.41 2:04.33	ROBERT STODDART CANADA 2:30.08	SYRON MACDONALD CANADA 57.06	JUAN BELLO PERU 2:11.70
BRADFORD COOPER A'LIA 29.98 1:02.65 1:34.91 2:06.59	CEZARY SMIGLAK POLAND 2:34.51	Neil Rogers Australia 57.28	DAVID WILKIE G.BRITAIN 2:13.25
TIM MCKEE USA 29.38 1:01.98	NORKAL FARUK TURKEY 2:43.69 PIERO FERRACUTI EL SALV. 2:45.73	ROGER PYTTEL E.GERMANY 57.69	JOHN MCCONNOCHIE N.ZEALAND 2:15.04
1:34.96 2:07.29	PIERO FERRACUTI EL SALV. 2:45.73	SERGIO WAISMANN BRAZIL 58.07 LUTZ STOKLASA W.GERMANY 58.33	ANDREAS WEBER W.GERMANY 2:16.17
LOTHAR NOACK E.GER 29.42 1:02.48	HEAT 3	GEOFFREY FERREIRA TRINIDAD 58.54	NEIL MARTIN AUSTRALIA 2:16.24 FRANCOIS VAN KRUISDIJK HOLLAND 2:17.14
1:36.09 2:08.67	DAVID WILKIE G.BRITAIN 2:24.54	The state of the s	THE PARTY OF THE PROPERTY OF THE PARTY OF TH
ZOLTAN VERRASZTO NUNG 29.57 1:02.55 1:35.94 2:10.09	WALTER KUSCH W.GERMANY 2:26.43	SEMI-FINAL 2	HEAT 5
JEAN-PAUL BERJEAUD FRA 30.01 1:03.47	STEFFEN KRIECHBAUM AUSTRIA 2:30.09	MARK SPITS USA 55.98	STEVEN FURNISS USA 2:09.97
1:37.86 2:11.77	MALCOLM O'CONNELL G.BRITAIN 2:31.21 JEAN PIERRE DUBEY SWITZERLND2:31.56	JERRY HEIDENREICH USA 56.18 DAVID EDGAR USA 56.88	HANS LJUNGBERG SWEDEN 2:12.46 VALENTIN PARTYKA USSR 2:13.24
	GUSTAVO SALCEDO MEXICO 2:32.81	HARTMUT FLOECKNER E.GERMANY 56.96	RICARDO MARMOLEJO MEXICO 2:15.82
100 METER BREASTSTROKE		JUAN BELLO PERU 57.51	ZBIGNIEW PACELT POLAND 2:17,35
MARK CHATFIELD USA 1:05.89	HEAT 4	ROBERT KASTING CANADA 57.67	BRUNO BASSOUL LIBYA 2:27.78
MARK CHATFIELD USA 1:05.89 WILLIAM MAHONY CANADA 1:07.14	RICK COLELLA USA 2:25.40 VLADIMIR KOSINSKIY USSR 2:28.00	JOHN MILLS G.BRITAIN 58.13	CHIANG JIN-CHOON MALAYSIA 2:32.67
BERNARD COMBET FRANCE 1:08.08	ANGHEL TCHAKAROV BULGARIA 2:30.27	ISTVAN SZENTIRMAY HUNGARY 58.25	HEAT 6
PAUL JARVIE AUSTRALIA 1:09.25	ANDREAS HELLMANN W.GERM. 2:32.60	FINALS	GARY HALL USA 2:09.85
YI SOKHON CAMBODIA 1:11.00	LIAM BALL IRELAND 2:33.47	MARK SPITZ USA 25.38 W54.27	MIHAIL SUHAREV USSR 2:11.91
EDMONDO MINGIONE TALY 1:11.75	NIGEL JOHNSON G.BRIT. 2:34.37	BRUCE ROBERTSON CAN 26.53 55.56	CHRISTIAN LIETZMANN, E.GERMANY 2:13.42
MORKAL FARUK TURKEY 1:13.86	KABL CHR KOCH DENMARK 2:38.47	JERRY HEIDENREICH USA 26.02 55.74	JIRO SASAKI JAPAN 2:16.56
HEAT 2	HEAT 5	ROLAND MATTHES E.GERM 26.38 55.87 DAVID EDGAR USA 25.71 56.11	JAIRULLA JAITULLA PHILIPPINE2:17.23 LORENZO MARUGO ITALY 2:19.00
NIKOLAI PANKIN USSR 1:07.31	IGOR CHERDAKOV USSR 2:26.21	BYRON MACDONALD CAN 26.95 57.27	LORENZO MARUGO ITALY 2:19.00
ROBERT STODDART CANADA 1:08,44	BRIAN JOB USA 2:26.91	HARTMUT FLOECKNER E.GERM. 27.07 57.40	FINALS
MALCOLM O'CONNELL G.BRIT. 1:09.33 SANDOR SZABO HUNGARY 1:09.68	JOSE SYLVIO FIOLO BRAZIL 2:30.21	NEIL ROGERS A'LIA 26.72 57.90	GUNNAR LARSSON SWEDEN 28.00 1:01.07
SANDOR SZABO HUNGARY 1:09.68 GUSTAVO SALCEDO MEXICO 1:10.17	RAINER HRADETZKY E.GERMANY 2:32.48 AMMAN JALMAANI PHILIPPINE2:33.54	200 METER BUTTERFLY	1:38.07 W2:07.17 TIM MCKEE USA 28.43 1:00.07
JEAN PIERRE DUBEY SWITZ. 1:10.31	MICHELE DIPIETRO ITALY 2:36.49	HEAT I	1:38.39 2:08.37
CEZARY SMIGLAK POLAND 1:10.53		GARY HALL USA 2:03.70	STEVEN FURNISS USA 27.48 59.39
N 0	HEAT 6	ANDRAS HARGITAY HUNGARY 2:05.05	1:38.79 2:08.45
HEAT 3 DAVID WILKIE G.BRITAIN 1:06.35	JOHN HENCKEN USA 2:24.88 NIKOLAI PANKIN USSR 2:26.71	ROGER PYTTEL E.GERMANY 2:08.72	GARY HALL USA 26.96 57.99
Tom Bruce USA 1:06.45	PAUL JARVIE AUSTRALIA 2:27.83	SEAN MAHER G.BRITAIN 2:09.39 JORGE JARAMILLO GOLOMBIA 2:10.24	1:38.32 2:08.49 ANDRAS HARGITAY HUNG. 27.72 1:01.33
KLAUS KATZUR E.GERMANY 1:07.36	MICHAEL WHITTAKER CANADA 2:33.47	WASTER MACK W.GERMANY 2:11.03	1:39.50 2:09.66
VLADIMIR KOSINSKIY USSR 1:07.39	RUDI VINGHERHOETS BELGIUM 2:36.89	VASSIL DOBREV BULGARIA 2:11.28	MIHAIL SUHAREV USSR 28.38 1:01.39
Amman Jalmaani Philipinesi:09.28 Steffen Kriechbaum Austria 1:09.87	GREGOR BETZ W.GERMANY 2:36.96		1:40.12 2:11.78
BRUNO BASSOUL LIBYA 1:19.94	ALFREDO HUNGER PERU 2:37.20 ALEJANDRO CABRERA EL SALV. 2:56.60	HEAT 2 ROBIN BACKHAUS USA 2:03.11	JUAN BELLO PERU 27.63 1:01.05 1:39.92 2:11.97
	2.50,00	FOLKERT MEEUW W.GERMANY 2:06.13	HANS LJUNGBERG SWEDEN 28.45 1:02.39
HEAT 4	FINALS	YASUHIRO KOMAZAKI JAPAN 2:08.72	1:42.58 2:13.56
NOBUTAKA TAGUCHI JAPAN 1:06.07	JOHN HENCKEN USA 31.55 1:08.34	Hugo Valencia Mexico 2:09.56	
JOSE SYLVIO FIOLO BRAZIL 1:06.23 RAINER HRADETZKY E.GERMANY 1:08.67	1:45.35 W2:21.55 DAVID WILKIE G.BRIT. 33.45 1:11.37	ANDRZEJ CHUDZINSKI POLAND 2:12.62	400 METER INDIVIDUAL MEDLEY
LIAM BALL IRELAND 1:09-68	1:47.41 2:23.67	GEOFFREY FERREIRA TRINIDAD 2:19.76	HEAT I HUNGARY 4:37.51
ANDREAS HELLMANN W.GERMANY 1:10.13	NOBUTAKA TAGUCHI JAPAN 32.93 1:10.87	HEAT 3	CHRISTIAN LIETZMANN E.GERMANY 4:44.47
KARL KOCH - DENMARK 1:11.27	1:47.61 2:23.88	HANS JOACHIM FASSNACHT W.GERMANY 2:05.39	ROGER VAN HAMBURG HOLLAND 4:50.70
PIERO FERRACUTI EL SALVADORI:16.74	RICK COLELLA USA 33.49 1:10.31	JORGE DELGADO ECUADOR 2:05.61	JOSE LUIS PRADO MEXICO 4:54.49
HEAT 5	1:47.17 2:24.28 FELIPE MUNOZ MEXICO 34.09 1:11.72	VIKTOR SHARYGIN USSR 2:06.76	BARRY PRIME G.BRITAIN 4:57.77
JOHN HENCKEN USA 1:05.96	1:49.73 2:26.44	JAMES FINDLAY AUSTRALIA 2:08,36 RONALD JACKS CANADA 2:09.04	JAIRULLA JAITULLA PHILLIPINE5:05.48
ROGER MENU FRANCE 1:08.63		RICARDO MARMALEJO MEXICO 2:10.00	HEAT 2
	WALTER KUSCH W.GERMANY 33.65 1:11.41		
MICHAEL WHITTAKER CANADA 1:08.86	1:49.41 2:26.55	JACQUES LELOUP BELGIUM 2:10.79	GUNNAR LARSSON SWEDEN 4:34.99
MICHAEL WHITTAKER CANADA 1:08.86 FELIPE MUNOZ MEXICO 1:08.95	1:49.41 2:26.55 160R CHERDAKOV USSR 33.28 1:10.38		GUNNAR LARSSON SWEDEN 4:34.99 JOHN MCCONNOCHIE N.ZEALAND 4:49.89
MICHAEL WHITTAKER CANADA 1:08.86 FELIPE MUNOZ MEXICO 1:08.95 PEDRO BALCELLS SPAIN 1:09.37	1:49,41 2:26,55 160R CHERDAKOV USSR 33,28 1:10,38 1:48,49 2:27,15	JACQUES LELOUP BELGIUM 2:10.79 ROY KUM WAH CHAN SINGAPORE 2:20.30	GUNNAR LARSSON SWEDEN 4:34.99 JOHN MCCONNOCHIE N.ZEALAND 4:49.89 VALENTIN PARTYKA USSR 4:50.03
MICHAEL WHITTAKER CANADA 1:08.86 FELIPE MUNOZ MEXICO 1:08.95 PEDRO BALCELLS SPAIN 1:09.37	1:49.41 2:26.55 160R CHERDAKOV USSR 33.28 1:10.38	JACQUES LELOUP BELGIUM 2:10.79 ROY KUM WAH GHAN SINGAPORE 2:20.30 HEAT 4	GUNNAR LARSSON SMEDEN 4:34.99 JOHN MCGONNOCHIE N.ZEALAND 4:49.89 VALENTIN PARTYKA USS 4:50.03 DAVID BRUNNELL GANADA 4:52.41 JIRO SASKI JAPAN 4:53.65
Michael Whittaker	1:49.41 2:26.55 133.28 1:10.38 1:48.49 2:27.15 KLAUS KATZUR E.GERMANY 32.91 1:10.68	JACQUES LELOUP BELGIUM 2:10.79 ROY KUM WAH GHAN SINGAPORE 2:20.30 HEAT 4	GUNNAR LARSSON SWEDEN 4:34.99 JOHN McCONNOCHIE N.ZEALAND 4:49.89 YALENTIN PARTYKA USSR 4:50.03 DAVID BRUNWELL CANADA 4:52.41

HEAT 3			
	BRAZIL (MACHADO 2:01,20; Aquino Otiveira	GR.BRITAIN (CUNNINGHAM C.1:01.02; WILKIE	HEAT 2
STEVEN FURNISS USA 4:39.33 RICARDO MARMOLEJO MEXICO 4:45.20	2:02.06;ZANETTI 2:05.05; DINIS ARANHA 2:08.80) 8:17.91	D.1:06.27; MILLS J.57.53; WINDEATT M. 53.98) 3:58.82	ANKE RIJNDERS HOLLAND 2:09-09 HELEN GRAY AUSTRALIA 2:12.76
BERTHAM TUERPE E.GERMANY 4:46.55	PHILIPINNES (IMLANI 2:06.23; BORJA 2:14.31;	HUNGARY (CSEH L.1:00.54; SZABO S.1:06.99;	NADEJDA MATIUHINA USSR 2:13.60
NEIL MARTIN AUSTRALIA 4:49.85 CSABA SOS HUNGARY 4:52.89	BROSAS2:15.92; JAIRULLA2:07.54) 8:44.01	SZENTIRMAY 1. 58.02; CSASZARI A. 53.50)	PRANCOISE MONOD SWITZERLND2:15.30 OLGA LUCIA DEANGULO GOLOMBIA 2:17.34
SVERRE KILE NORWAY 4:59.72	HEAT 2	3:59.07	SILVIA ELIZABETH BORGINIARGENTINA 2:23.11
GUDMUNDOR GISLASON CELAND 5:03.54	USA (CONNELLY 1:54.11; McBreen 1:57.34; BURTON1:57.73; KINSELLA 1:57.23) 7:46.42	WOMEN	HEAT 3
HEAT 4	E.GERMANY (HARTUNG 1:57.75; POSER 1:57.39;	100 METER FREESTYLE	KEENA ROTHHAMMER USA 2:07.48
TIM MCKEE USA 4:40.78	PYTTEL 1:58.32; UNGER 1:57.64) 7:51.11	GABRIELE WETZKO E.GERMANY 1:00.40	HANSJE BUNSCHOTEN HOLLAND 2:08.58
GRAHAM WINDEATT AUSTRALIA 4:42.16 MIHAIL SUHAREV USSR 4:43.13	USSR (ABOIMOV 1:58.92; SAMSONOV 1:57.83; MAZANOV 1:56.93; KULIKOV1:57.74) 7:51.44	TATIANA ZOLOTNICKAIA USSR 1:01.24	TATIANA ZOLOTNICKAIA USSR 2:13.12 ELENA TIMOSHENKO USSR 2:14.06
HANS JOACHIM GEISLER W.GERMANY 4:48.57	W.GERMANY (FASSNACHT 1:57.70; SCHILLER	GLAUDE MANDONNAUD FRANCE 1:01.34	DIANA SUTHERLAND G.BRITAIN 2:16.00
MAURO CALLIGARIS ITALY 4:52.02 MICHAEL HOLTHAUS W.GERMANY 4:58.19	1:58.12; MEEUW 1:58.46; VOSSELER 1:59.69) 7:53.98	GUYLAINE BERGER FRANCE 1:01.54 TUROCZI JUDIT KORACHNE HUNGARY 1:01.57	ILEANA MORALES VENEZUELA 2:18.84
	Sweden (Ljungserg 2:00.39;Gingsjoel:57.46;	SHARON BOOTH, AUSTRALIA 1:02.07	HEAT 4
HEAT 5 BENGT GINGSJOE SWEDEN 4:38.05	BELLBRING1:59.06; LARSSON2:00.62)7:57.54 FRANCE (CALAND 1:59.91; COPIN 2:03.16;	KIRSTEN CAMPBELL DENMARK 1:03.83 SUSANA SAXLUND URUGUAY 1:04.91	SHANE GOULD AUSTRALIA 2:07.95 DEBORAH PALMER AUSTRALIA 2:10.29
GARY HALL USA 4:38.95	MOINE 2:01.45; ROUSSEAU 1:56.26) 8:00.79		UTA SCHUETZ W.GERMANY 2:12.84
WOLFRAM SPERLING E.GERMANY 4:42.75	TTALY (PANGARO 2:00.31; CINQUETTI 2:01.39;	HEAT 2 ENITH BRIGITHA HOLLAND 1:00.02	MARY BETH RONDEAU CANADA 2:13.52
JORGE DELGADO ECUADOR 4:45.25 BRUCE FEATHERSTON AUSTRALIA 4:47.33	MARUGO 2:01.81; TARGETTI 2:00.46)8:03.98	ANKE RIJNDERS HOLLAND 1:00.76	SUSAN EDMONDSON G.BRITAIN 2:13.54 LUCY MAURITY BURLE BRAZIL 2:18.57
ZBIGNIEW PACELT POLAND 4:55.38	FINALS	JUDY WRIGHT CANADA 1:01.97 CHANTAL SCHERTZ FRANCE 1:02.82	MARCIA ARRIAGA MEXICO 2:18.93
FINALS	USA (KINSELLA 55.51,1:54.49; TYLER 55.04 1:54.32; GENTER 54.18 1:52.72; SPITZ	CHANTAL SCHERTZ FRANCE 1:02.82 EDIT KOVACS HUNGARY 1:03.00	HEAT 5
GUNNAR LARSSON SWE 1:03.41 2:14.07	54.55 1:54.24) W 7:35.78	LUCY MAURITY BURLE BRAZIL 1:03.12	ANDREA EIFE E.GERMANY 2:07.05
3:32.17 4:31.98 TIM MCKEE USA 1:02.06 2:10.66	W.GERMANY (STEINBACH 55.80 1:54.62; LAMPE 54.42 1:53.49; VOSSELER 56.95 1:57.45;	MARCIA A RIAGA MEXICO 1:03.66 ILEANA MORALES VENEZUELA 1:04.13	SHIRLEY BABASHOFF USA 2:08.48 SUDRUN WEGNER E.GERMANY 2:09.49
3:29.91 4:31.98	FASSNACHT 56.08 1:56.11) 7:41.69		ANGELA STEINBACH W.GERMANY 2:10.59
ANDRAS HARGITAY HUNG 1:00.22 2:10.80	USSR (GRIVENNIKOV 55.40 1:56.24; MAZANOV 56.75 1:57.28; KULIKOV 56.48 1:56.92;	MAGDOLNA PATOH HUNGARY 59.47	LESLEY ALLARDICE G.BRITAIN 2:13.43 ROSELINA ANGEL COLOMBIA 2:18.62
3:31.62 4:32.70 STEVEN FURNISS USA 1:00.78 2:10.09	Bure 55.45 1:55.30) 7:45.76	SANDRA NEILSON USA 59.51	ROSELINA ANGEL GOLOMBIA 2:18.62 YUE-YUN HSU GHINA 2:20.17
3:32.88 4:35.44	SWEDEN (GINGSJOE 57.09 1:56.88; LJUNGBERG	HANSJE BUNSCHOTEN HOLLAND 1:00.82 EVA ANDERSSON SWEDEN 1:01.88	
GARY HALL USA 58.38 2:06.32 3:31.04 4:37.38	57.08 1:59.18; BELLBRING 56.47 1:57.45; LARSSON 55.19 1:53.84) 7:47.37	EVA ANDERSSON SWEDEN 1:01.88 SUSAN EDMONDSON G.BRITAIN 1:02.29	SHANE GOULD A'LIA 29.23 1:00.04
BENGT GINGSJOE SWE 1:01.05 2:11.15	AUSTRALIA (WENDEN 54.68 1:56.41; WINDEATT	FRANCOISE MONOD SWITZERLND1:02.43	1:32.29*WC2:03.56
3:36.11 4:37.96 GRAHAM WINDEATT A'LIA 1:03.70 2:15.87	56.63 1:57.03; NAY 57.39 1:57.68; COOPER 56.17 1:57.54) 7:48.66	HEATHER COOMBRIDGE N.ZEALAND 1:02.95 YUE-YUN HSU CHINA 1:04.77	SHIRLEY BABASHOFF USA 29.69 1:01.44 1:33.30 A 2:04.33
3:38.76 4:40.39	E.GERMANY (HARTUNG 56.62 1:56.76; BRUCH	The U	KEENA ROTHHAMMER USA 30.03 1:01.41
WOLFRAM SPERLING E.GER 1:03.80 2:15.76 3:36.38 4:40.66	57.20 1:58.88; Poses 57.13 1:56.84; UNGER 56.10 1:56.61) 7:49.11	HEAT 4 SHIRLEY BABASHOFF USA 59.51	1:33.29 2:04.92 Awn Marshall USA 29.90 1:01.45
AND ADMINISTRATION OF THE PROPERTY OF THE PROP	CANADA (ROBERTSON 57.75 1:57.55; PHILLIPS	WENDY COOK CANADA 1:01.20	AWN MARSHALL USA 29.90 1:01.45 1:33.94 2:05.45
4x100 METER FREESTYLE RELAY	57.84 2:00.46; MACKENZIE 56.09 1:57.42;	MARY BETH RONDEAU CANADA 1:01.46 LEANNE FRANCIS AUSTRALIA 1:01.90	AND REA EIFE E.GER 29.92 1:01.75
USSR (BURE 53.00; MAZANOV 52.88; ABDIMOV	HUTTON 57.22 1:58.17) 7:53.61	LESLEY ALLARDICE G.BRITAIN 1:02.07	1:34.98 *E2:06.27 HANSJE BUNSCHOTEN HOLL. 29.90 1:02.29
52.84; Kulikov 54.00) 3:32.73	4x100 METER MEDLEY RELAY	INGER ANDERSSON SWEDEN 1:03.40 DIANE WALKER G.BRITAIN 1:04.44	1:35.18 •2:08.40
FRANCE (VIGNE 54.63; Mosconi 54.52; HER- MITTE 53.69; ROUSSEAU 52.98) 3:35.84	HEAT USSR (GRIVENNIKOV 1:00.82; STULIKOV	DIANE WALKER G.BRITAIN 1:04.44	ANKE RIJNDERS HOLL. 29.71 1:02.34 1:35.61 2:09.41
W.GERMANY (SCHILLER 54.59; JACOB 54.27;	1:05.92; SHARYGIN 57.03; ABOIMOV 52.79)	HEAT 5	KARIN TUELLING E.GER 29.76 1:02.88
Vosseler 53.82; Meier 54.90) 3:37.59 Spain (Comas 54.88; Gulebras 54.52; Melo	3:56.57 GANADA (KENNEDY 1:01.32; MAHONY 1:06.46;	JUTTA WEBER W.GERMANY 59.72 JENNIFER KEMP USA 1:00.42	1:36.64 2:11.70
55.39; Pujol 53.97) 3:38.77	ROBERTSON 56.41; KASTING 52.84) 3:57.05	SYLVIA EICHNER E.GERMANY 1:00.64	400 METER FREESTYLE
ITALY (PANGARO 54.64; BARELLI 54.10; GUAR-	Hungary (CSEH 1:00.27; SZABO 1:07.20; HAR- GITAY 58.78; SZENTIRMAY 53.60) 3:59.86	ANGELA STEINBACH W.GERMANY 1:01.66 NADEJDA MATIHUNA USSR 1:02.14	HEAT I
DUCCI 54.39; CASTAGNETTI 55.67) 3:38.81 HOLLAND (PRIJDEKKER 55.30; BERGSMA 54.41;	FRANCE (BERJEAU 1:01.27; MENU 1:08.11;	NADEJDA MATIHUNA USSR 1:02.14 MARGRIT THOMET SWITZERLND1:02.33	JENNY WYLIE USA 4:27.53 ANKE RIJNDERS HOLLAND 4:29.94
VANHAMBURG 55.74; ELZERMAN 55.89 3:41.36	Moscon: 58.27;Rousseau 52.84) 4:00.50	LAURA PODESTA ITALY 1:02.88	KARIN TUELLING E.GERM 4:32.56
HEAT 2	MEXICO (SANTIBANEZ 1:02.48; MUNOZ 1:08.05; VALENCIA59.25; GUILLERMO 55.83) 4:05.61	HEAT 6	FEDERICA STABILINI ITALY 4:36,32 MARIA TERESA RAMIREZ MEXICO 4:39,14
USA (FAIRBANK 52.61; CONELLY 51.69; HEIDEN-	s	SHANE GOULD AUSTRALIA 59.44	HELGA WAGNER W.GERMANY 4:47.61
REICH 51.89; EDGAR 52.63) EW 3:28.84 E.GERMANY (HARTUNG 54.03; BRUCH 53.49;	HEAT 2 E.GERMANY (MATTHES 58.08; KATZUR 1:06.44;	ANDREA EIFE E.GERMANY 59.73	KIRSTEN KNUDSEN DENMARK 4:53.76
		HEIDEMARIE REINECK W.GERMANY 1:00-39	The state of the s
Poser 54.31; Unger 53.29) 3:35.13	FLOECKNER 56.69; UNGER 54.00) 3:55.23	Heidemanie Reineck W.Germany 1:00.39 GRETHE Mathiesen N.Germany 1:01.47	HEAT 2
Poser 54.31; Unger 53.29) 3:35.13 Canada (Phillips 54.64; Robertson 53.63;	FLOECKNER 56.69; UNGER 54.00) 3:55.23 BRAZIL (ARANTES JR. 1:02.21; F10L0 1:05.81;	GRETHE MATHISEN NORWAY 1:01.47 ELENA TIMOSHENKO USSR 1:01.68	HEAT 2 SHIRLEY BABASHOFF USA 4:31.98
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POSER 54.31; UNGER 53.29) 3:35.13 CANADA (PHILLIPS 54.64; ROBERTSON 53.63; BACH 54.17; KASTING 53.19) 3:35.64 BRAZIL (AQUINO OLIVEIRA 54.46; ZANETTI 53.62; BEOSKEHAZY 54.69; DINIZ ARANHA 52.04) 3:35.84 AUSTRALIA (ROGERS 55.12; IMLANI 57.58; SINGSON BROSAS 57.30; JAITULLA 57.16) 3:47.39 EL SALVADOR (VILANOVA 55.85; PATINO 59.57; RENGIFO 57.72; FERRACUTI 55.98) 3:49.14 FINALS USA (EDGAR 52.69; MURPHY 52.04; HEIDENREICH 50.78; SPITZ 50.90) W3:26.42 USST (BURE 52.26; MAZANOV 53.13; ABOIMOV 52.75; GRI VENNIKOV 51.57) 3:29.72 E.GERMANY (MATTHES 52.89; HARTHOR 53.31; BRUCH 53.20; UNGER 53.01) 3:32.42 BRAZIL (AQUINO OLIVEIRA 53.62; ZANETTI 53.61; BECGREHAZY 53.73; DINIZ ARANHA 52.17) 3:33.14 CANADA (ROBERTSON 53.52; PHILLIPS 52.56; BACA 54.41; KASTING 52.70) 3:33.20 W.GERMANY (STEINBACH 53.45; LAMPE 52.81; JACOB 53.61; FASSRACHT 53.82) 3:33.90 FRAMCE (VIGNE 54.47; MOSCONI 54.57; HERMITTE 53.41; ROUSSEAU 51.66) 3:34.18 SPAIN (COMAS 54.32; CULEBRAS 55.02; MELO 54.77; PUJOL 54.09) 3:38.21	FLOCKMER 56.69; INCER 54.00) 3:55.23 BRAZIL (ARAMTES JR.1:02.21; F1010 1:05.81; WAISMANNST.33; DINIZ ARAMHA 53.20)3:56.56 JAFAN (HONDA 1:00.23; TAGUCHI 1:04.90; KOMAZAKI 56.14; SASAKI 56.27) 3:59.55 W.GERMANY (WEBER 1:02.14; KUSCH 1:07.38; STOKLASA 58.35; STEINBACH 52.08) 4:00.56 SPAIN (MELO 1:02.33; BALDELLES 1:09.30; LANG LENTON 56.52; COMAS 53.56) 4:03.73 PHILIPPINES (ROSARIO 1:06.24; JALHMANNI 1:08.19; SINGSON BROSAS 1:03.85; AYESA 55.33) 4:13.62 WEAL THEAT 3 USA (IVEY 58.72; HENOKEN 1:05.10; HALL 55.39; FAIRBANK 52.75) 3:51.98 GR.BRITAIN (CUNNINGHAM 1:01.16; WILKIE 1:06.15; MILLS 57.788; WINDEATT 53.77) AUSTRALIA (COOPER 1:00.77; JARVHE 1:08.97; ROGERS 58.19; WENDEN 52.22) 4:00.16 SWEDEN (SANDBERG 1:00.96; LARSSON 1:09.23; LJUMGERGE 1:00.53; BELLBRINGS5.94 M:96.67 POLAND (DLUCIK 1:01.95; SNIGLAK 1:10.88; CHUDZINSKI 59.63; PACELT 55.39) 4:07.87 CAMBODIA (SARUN 1:07.51; SOKHON 1:08.54; CHHAYKHENG 1:06.57; SAMMANGS8.08)4:20.71 USA (STAMM M.57.97; BRUCE T.1:04.22; SPITZ M.54.26; HEIDENBEICH J.51.67)	GRITHE MATHISEN	Heat 2
POSER 54.31; UNGER 53.29) 3:35.13 CANADA (PHILLIPS 54.64; ROBERTSON 53.63; BACH 54.17; KASTING 53.19) 3:35.64 BRAZIL (AQUINO OLIVEIRA 54.46; ZANETTI 53.62; BECSKEHAZY 54.69; DINIZ ARAHHA 52.84) 3:35.84 AUSTRALIA (ROGERS 55.12; IMLANI 57.66) 3:47.39 EL SALVADOR (VILANOVA 55.85; PATHO 59.57; RENGIFO 57.72; FERRACUTI 55.98) 3:49.14 FINALS USA (EDGAR 52.69; MURPHY 52.04; HEIDENREICH 50.78; SPITZ 50.90) USST (BURE 52.26; MAZANOV 53.13; ABOIMOV 52.75; GRI VENNIKOV 51.57) 3:29.72 E-GERMANY (MATTHES 52.89; MARTUN 63.31; BRUCH 53.20; UNGER 53.01) 3:32.42 BRAZIL (AQUINO CLIVEIRA 53.65; BACH 54.41; KASTING 52.70) 3:33.14 CANADA (ROBERTSON 53.52; PHILLIPS 52.55; BACH 54.41; KASTING 52.70 WISERMANY (STEINBACH 53.45; LAPPE 52.61; JACOB 53.61; FASSRACHT 53.82) 3:33.90 FRAMCE (VIGNE 54.47; MOSCONI 54.57; HERMITE 53.41; ROUSSEAU 51.66) SPAIN (COMAS 54.32; CULEBRAS 55.02; MELO FRAMCE (VIGNE 54.47; MOSCONI 54.57; HERMITE 53.41; ROUSSEAU 51.65)	FLOCKMER 56.69; UNCER 54.00) 3:55.23 BRAZIL (ARAMTES JR.1:02.21; F10L0 1:05.81; WAISMANNTS JR.1:02.21; F10L0 1:05.81; WAISMANNTS JR.1:02.21; F10L0 1:05.81; WAISMANNTS JR.1:02.21; F10L0 1:05.85.56 JAFAN (HONDA 1:00.23; TAGUCHT 1:04.90; KOMAZAKI 56.47) 3:59.55 W. GERMANY (WEBER 1:00.14; KUSCH 1:07.98; STOKLASA 58.35; STEINBACH 52.08) 4:00.56 SPAIN (MELO 1:02.33; SALUCELUS 1:09.30; LAND LENTON 56.52; COMAS 53.56) 4:03.73 PHILIPPINES (ROSARIO 1:06.24; JALMAANI 1:08.19; SINGSON BROSAS 1:03.85; AVESA 55.33) HEAT 3 USA (IVEY 58.72; HENCKEN 1:05.10; HALL 55.39; FAIRBANK 52.75) 3:51.98 GR. SRITAIN (CUNNINGHAM 1:01.16; WILKIE 1:06.15; MILLS 57.88; WINDEATT 53.77) AUSTRALIA (COOPER 1:00.77; JARVIE 1:08.97; ROGERS 56.19; WENDEN 52.22) 4:00.16 SWEDEN (SANDBERG 1:00.53; BELLBRINGS5.994;956.67 POLAND (LUCIK 1:01.95; SMIGLAK 1:10.88; GHUDZINSKI 59.63; PACELT 55.39) 4:07.87 CAMBODIA (SARUN 1:07.51; SOKHON 1:08.54; CHHAYKHENG 1:06.57; SAMMANGSS.08)4:20.71 FINALS USA (STAMM M.57.97; BRUCE T.1:04.22; SPITZ M.54.26; HEIDENBEICH J.51.67) W 3:48.16	GRITHE MATHISEN	Heat 2
POSER 54.31; UNGER 53.29) 3:35.13 CANADA (PHILLIPS 54.64; ROBERTSON 53.63; BACH 54.17; KASTING 53.19) 3:35.64 BRAZIL (AQUINO OLIVEIRA 54.46; ZANETTI 53.62; BECSKEHAZY 54.69; DINIZ ARANHA 52.04) 3:35.84 AUSTRALIA (ROGERS 55.12; IMLANI 57.56; SINGSON BROSAS 57.30; JAITULLA 57.16) 3:47.39 EL SALVADOR (VILANOVA 55.85; PATINO 59.57; RENGIFO 57.72; FERRACUTI 55.98) 3:49.14 FINALS USA (EDGAR 52.69; MURPHY 52.04; HEIDENREICH 50.78; SPITZ 50.90) W3:26.42 USST (BURE 52.26; MAZANOV 53.13; ABOINOV 52.75; GRI VENNIKOV 51.57) 3:29.72 E.GERMANY (MATTHES 52.89; HARTUNG 53.31; BRUCH 53.20; UNGER 53.01) 3:32.42 BRAZIL (AQUINO OLIVEIRA 53.62; ZANETTI 53.61; BECGREHAZY 55.73; DINIZ ARANHA 52.17) 3:33.14 CANADA (ROBERTSON 53.52; PHILLIPS 52.56; BACK 54.41; KASTING 52.70) 3:33.20 W.GERMAZY (STEINBACH 55.45; LAMPE 62.61; JACOB 53.61; FASSHART 53.82) 3:33.90 FRANCE (VIGNE 54.47; MOSCOMI 54.57; HERMITTE 53.41; ROUSSEAU 51.66) 3:34.13 SPAIN (COMAS 54.32; OULEBRAS 55.02; MELO 54.77; PUJOL 54.09) 3:38.21 AUSTRALIA (WINDEATT 1:57.34; FEATHERSTONE	FLOCKMER 56.99; INCER 54.00) 3:55.23 BRAZIL (ARAMTES JR.1:02.21; F1010 1:05.81; WAISMANNST.33; DINIZ ARAMHA 53.20]3:56.56 JAFAN (HONDA 1:00.23; TAGUCHI 1:04.90; KOMAZAKI 56.14; SASAKI 56.27) 3:59.56; W.GERMANY (WEBER 1:02.14; KUSCH 1:07.38; STOKLASA 58.35; STEINBACH 52.08) 4:00.56 SPAIN (MELO 1:02.33; BALDELLS 1:09.30; LAND LENTON 56.52; COMAS 53.56) 4:03.73 PHILIPPINES (ROSARIO 1:06.24; JALHMANNI 1:08.19; SINGSON BROBAS 1:03.85; AYESA 55.33) 4:13.62 HEAT 3 USA (1VEY 58.72; HENDKEN 1:05.10; HALL 55.39; FAIRBANK 52.75) 3:51.98 GR.BRITAIN (DUNNINGHAM 1:01.16; WILKIE 1:06.15; MILLS 57.88; WINDEATT 53.77) AUSTRALIA (COOPER 1:00.77; JARVIEI 1:08.97; ROGERS 58.19; WENDEN 52.22) 4:00.16 SWEDEN (SANDBERG 1:00.96; LARSSON 1:09.23; LJUMGBERG 1:00.58] SELIGEN INGS.94 M95.67 POLAND (DLUCIK 1:01.95; SMIGLAK 1:10.88; CHUDZINSKI 59.63; PACELT 55.39) 4:07.87 CAMBODIA (SARUN 1:07.51; SOKHON 1:08.54; CHHAYKHENG 1:06.57; SAMNANGS8.08)4:20.71 FINALS USA (STAMM M.57.97; BRUCE T.1:04.22; SPITZ M.54.28; HEIDENBEICH J.51.67) W 3:48.16 E.GERMANY (MATTHES R.56.30 EW; KATZUR K. 1:06.2; FLOCKMER H.56.36; UMGER L.	GRITHE MATHISEN	Heat 2
POSER 54.31; UNGER 53.29) 3:35.13 CANADA (PHILLIPS 54.64; ROBERTSON 53.63; BACH 54.17; KASTING 53.19) 3:35.64 BRAZIL (AQUINO OLIVEIRA 54.48; ZARETTI 53.82; BEGSKEHAZY 54.69; PHILLIPS ARANHA 52.04) 3:35.84 AUSTRALIA (ROGERS 55.12; IMLAN 57.58; SINGSON BROSAS 57.30; JAITULLA 57.16) 3:47.39 EL SALVADOR (VILANOVA 55.85; PATINO 59.57; RENGIFO 57.72; FERRACUTI 55.98) 3:49.14 FINALS USA (EDGAR 52.69; MURPHY 52.04; HEIDENREICH 50.78; SPITZ 50.90) M3:26.42 USSN (BURE 52.26; MAZANOV 53.13; ABOIMOV 52.75; GRINGANNOV 53.13; ABOIMOV 52	FLOCKMER 56.99; INCER 54.00) 3:55.23 BRAZIL (ARAMYES JR.1102.21; Flolo 105.81; WAISMANNST.33; DINIZ ARANHA 53.20)3:56.56 JAFAN (HONDA 1:00.23; TAGUCHI 1:04.90; KOHA- ZAKI 56.14; SASAKI 56.27) 3:59.56 W.GERMANY (WEBER 1:02.14; KUSCH 1:07.38; STOKLASA 56.35; STEINBACH 52.08) 4:00.56 SPAIN (MELO 1:02.33; BALCELLS 1:09.30; LANG LENTON 56.52; COMAS 53.56) 4:03.73 PHILIPPINES (ROSARIO 1:06.24; JALHMANNI 1:00.19; SINGSON BROSAS 1:03.85; AYESA 55.33) 4:13.62 WEAT 3 USA (1VEY 58.72; HENCKEN 1:05.10; HALL 55.39; FAIRBARK 52.75) 3:51.98 GR.BRITAIN (CUNNINGHAM 1:01.16; WILKEI 1:06.15; MILLS 57.88; WINDEATT 53.77) AUSTRALIA (COOPER 1:00.77; JARVIE 1:08.97; ROGERS 56.19; WENDEN 52.22) 4:00.16 SWEGDEN (SANDBERG 1:00.96; LARSSON 1:09.23; LJUNGBERG 1:00.53; BELLBRING55.94)4:06.67 POLAND (DUCKK 1:01.95; SNIBLAK 1:10.88; CHUDZ INSKI 59.63; PACELT 55.39) 4:07.87 CAMBOUR (SARUN 1:07.51; SOKHON 1:08.54; CHHAYKHENG 1:06.57; SAMHON 1:08.54; CHHAYKHENG 1:06.57; SAMHONE 1.51.67) USA (STAMM M.57.97; BRUCE T.1:04.22; SPITZ M.54.26; HEIDENREICH J.51.67) W 3:48.16 E.GERMANY (MATTHES R.56.30; WINGER L. 53.43) 3:52.12	GRITHE MATHISEN	Heat 2
POSER 54.31; UNGER 53.29) 3:35.13 CANADA (PHILLIPS 54.64; ROBERTSON 53.63; BACH 54.17; KASTING 53.19) 3:35.64 BRAZIL (AQUINO OLIVEIRA 54.46; ZANETTI 53.62; BECSKEHAZY 54.69; DINIZ ARAKHA 52.84) 3:35.84 AUSTRALIA (ROGERS 55.12; IMLANI 57.66; SINGSON BROSAS 57.30; JAITULLA 57.16) 13:47.39 EL SALVADOR (VILANOVA 55.85; PATHO 59.57; RENGIFO 57.72; FERRACUTI 55.98) 3:49.14 USA (EDGAR 52.69; MURPHY 52.04; HEIDERREICH 50.78; SPITZ 50.90) USST (BURE 52.26; MAZANOV 53.13; ABOIMOV 52.75; GRIVENNIKOV 51.57) 3:29.72 E-GERMANY (MATTHES 52.89; HARTUNG 53.31; BRUCH 53.20; UNGER 53.01) 3:32.42 BRAZIL (AQUINO DLIVEIRA 53.62; ZANETTI 53.61; BECKERLAY 253.73; DINIZ ARAHNA 52.17) 3:33.14 CANADA (ROBERTSON 53.52; PHILLIPS 52.56; BACH 54.41; KASTING 52.70) 3:33.20 W.GERMANY (STEINBACH 53.45; LAMPE 52.81; JACOB 53.61; FASSHACHT 53.82) 3:33.90 FRANCE (VIGNE 54.47; MOSCONI 54.57; HERMITTE 53.41; ROUSSEAU 51.66) 3:34.13 SPAIN (OGMAS 54.32; CULEBRAS 55.02; MED 54.77; PUJOL 54.09) 3:38.21 4X200 METER FREESTYLE RELAY HEAT 1 AUSTRALIA (WINDEATT 1:57.34; FEATHERSTONE 1:58.42; WHITE 1:58.08; WENDEN 1:55.18) 7.49.03 CANADA (HUTTON 1:57.97; BUCKBORD 2:00.20;	FLOCKMER 56.99; INCER 54.00) 3:55.23 BRAZIL (ARAMTES JR.1:02.21; F1010 1:05.81; WAISMANNST.33; DINIZ ARAMHA 53.20]3:56.56 JAFAN (HONDA 1:00.23; TAGUCHI 1:04.90; KOMAZAKI 56.14; SASAKI 56.27) 3:59.56; W.GERMANY (WEBER 1:02.14; KUSCH 1:07.38; STOKLASA 58.35; STEINBACH 52.08) 4:00.56 SPAIN (MELO 1:02.33; BALDELLS 1:09.30; LAND LENTON 56.52; COMAS 53.56) 4:03.73 PHILIPPINES (ROSARIO 1:06.24; JALHMANNI 1:08.19; SINGSON BROBAS 1:03.85; AYESA 55.33) 4:13.62 HEAT 3 USA (1VEY 58.72; HENDKEN 1:05.10; HALL 55.39; FAIRBANK 52.75) 3:51.98 GR.BRITAIN (DUNNINGHAM 1:01.16; WILKIE 1:06.15; MILLS 57.88; WINDEATT 53.77) AUSTRALIA (COOPER 1:00.77; JARVIEI 1:08.97; ROGERS 58.19; WENDEN 52.22) 4:00.16 SWEDEN (SANDBERG 1:00.96; LARSSON 1:09.23; LJUMGBERG 1:00.58] SELIGEN INGS.94 M95.67 POLAND (DLUCIK 1:01.95; SMIGLAK 1:10.88; CHUDZINSKI 59.63; PACELT 55.39) 4:07.87 CAMBODIA (SARUN 1:07.51; SOKHON 1:08.54; CHHAYKHENG 1:06.57; SAMNANGS8.08)4:20.71 FINALS USA (STAMM M.57.97; BRUCE T.1:04.22; SPITZ M.54.28; HEIDENBEICH J.51.67) W 3:48.16 E.GERMANY (MATTHES R.56.30 EW; KATZUR K. 1:06.2; FLOCKMER H.56.36; UMGER L.	GRITHE MATHISEN	Heat 2
POSER 54.31; UNGER 53.29) 3:35.13 CANDAD (PHILLIPS 54.64; ROBERTSON 53.63; BACH 54.17; KASTING 53.19) 3:35.64 BRAZIL (AQUINO OLIVEIRA 54.46; ZANETTI 53.82; BEOSKEHAZY 54.69; DINIZ ARANHA 52.04) 3:35.84 AUSTRALIA (ROGERS 55.12; IMLANI 57.56; SINGSON BROSAS 57.30; JAITULLA 57.16) 3:47.39 EL SALVADOR (VILANOVA 55.85; PATINO 59.57; RENGIFO 57.72; FERRACUTI 55.98) 3:49.14 FINALS USA (EDGAR 52.69; MURPHY 52.04; HEIDENBEICH 50.78; SPITZ 50.90) W3:26.42 USSN (BURE 52.26; MAZANOV 53.13; ABOINOV 52.75; GRIVENNIKOV 51.57) 3:29.72 E.SERMANY (MATTHES 52.89; HARTUNG 53.31; BRUCH 53.20; UNGER 53.01) 3:32.42 BRAZIL (AQUINO OLIVEIRA 53.62; ZANETTI 53.61; BECSKEHAZY 53.73; DINIZ ARANHA 52.17) CANDAO (ROBERTSON 53.52; PHILLIPS 52.56; BACK 54.41; KASTING 52.70) 3:33.20 WIGERHARY (STEHNAGOV 53.45; LAMPE 52.81; JACOB 53.81; FASSHACHT 53.82) 3:33.30 FRANCE (VIGNE 54.47; MOSCONI 54.57; HERNITTE 53.41; ROUSSEAU 51.66) 3:34.13 SPAIN (COMAS 54.32; CULEBRAS 55.02; MELO 54.77; PUJOL 54.09) 3:38.21 4X200 METER FREESTYLE RELAY LANDAR (HUTNO I:57.97; BUCKBORD 2:00.20; MACKERIZE 159.55; PHILLIPS 1:59.97)	FLOCKMER 56.99; INCER 54.00) 3:55.23 BRAZIL (ARAMYES JR.1102.21; F1010 1:05.81; WAISMANNST.33; DINIZ ARANHA 53.20)3:56.56 JAPAN (HONDA 1:00.23; TAGUCHI 1:04.90; KOHAZAKI 56.14; SASAKI 56.27) 3:59.55 W.GERMANY (WEBER 1:02.14; KUSCH 1:07.38; STOKLASA 56.35; FZELNBACH 52.08) 4:00.56 SPAIN (MELO 1:02.33; BALDELLES 1:09.30; LANG LENTON 56.52; COMAS 53.56) 4:03.73 PHILIPPINES (ROSARIO 1:06.24; LALHMANNI 1:08.19; SINGSON BROSAS 1:03.85; AYESA 55.33) 4:13.62 WEAT 3 USA (IVEY 58.72; HENDER 1:05.10; HALL 55.39; FAIRBARK 52.75) 3:51.98 GR.BRITAIN (CUNNINGHAM 1:01.16; WILKIE 1:06.15; MILLS 57.88; WINDEATT 53.77) AUSTRALIA (COOPER 1:00.77; JARVIE 1:08.97; ROGERS 56.19; WENDEN 52.22) 4:00.16 SWEDEN (SANDBERG 1:00.96; LARSSON 1:09.23; LJUNGBERG 1:00.96; LARSSON 1:09.23; LJUNGBERG 1:00.53; BELLDEN NESS. 94 HOS.67 POLAND (DLUCIK 1:01.95; SNIGLAK 1:10.88; CHUDZINSKI 59.63; PACELT 55.39) 4:07.87 CAMBODIA (SARUN 1:07.51; SOKHON 1:08.54; CHHAYKHENG 1:06.57; SAMHANAGSB.08 14:20.71 W.3:48.16 E.GERMANY (MATTHES R.56.30 EW; KATZUR K. 1:06.02; FLOECKNER H.56.36; UNGER L. 53.43) 3:52.12 CANADA (FISH E.59.61; MAHONY W.1:05.89; ROGERTSON B.54.48; KASTING 8.52.28) 3:52.26	GRITHE MATHISEN USA 1:01.47 ELENA TIMOSHENKO USSR 1:01.68 SHIGEKO KAMANISHI JAPAN 1:02.13 KHRISKA PEITOHEVA BULGARIA 1:03.43 VIRGINIA ANCHUSTEGUI MEXICO 1:04.99 SEMI-FINAL I SHIRLEY BABASHOFF USA 59.05 MAGDOLHA PATOH HUNGARY 59.66 ANDREA EIFE USA 59.07 JENNIFER KEMP USA 59.71 JENNIFER KEMP USA 59.97 ANNE FIJNOERS HOLLAND 1:01.26 CLAUDE MANDONNAUD FRANCE 1:01.28 SEMI-FINAL 2 SHANE GOULD USA 39.41 GABRIELE WETZKO E.GERMANY 59.46 ENITH BRIGITHA HOLLAND 1:00.79 SYLVIA EICHNER E.GERMANY 59.75 JITTA WEBGR W.GERMANY 59.76 SANDRA NEILSON USA 39.41 GABRIELE WETZKO E.GERMANY 59.76 SYLVIA EICHNER E.GERMANY 59.75 SYLVIA EICHNER E.GERMANY 59.76 SYLVIA EICHNER E.GERMANY 59.76 SYLVIA EICHNER E.GERMANY 1:00.73 HANSJE BUNSCHOTEN HOLLAND 1:00.79 TATIANA ZOLOTNICKAIL USSR 1:01.12 FINALS SANDRA NEILSON USA 28.46 58.59 SHIBLEY BABASHOFF USA 29.16 59.02 SHANE GOULD A*LIA 28.82 59.06 GABRIELE WETZKO E.GERM 28.91 HEIOEMARIE REINECKW.GERN 28.81 59.02 MAGDOLHA PATOH HUNGARY 28.92 1:00.02 ENITH BRIGITHA HOLLAND 28.72 1:00.09	Heat 2
POSER 54.31; UNGER 53.29) 3:35.13 CANADA (PHILLIPS 54.64; ROBERTSON 53.63; BACH 54.17; KASTING 53.19) 3:35.64 BRAZIL (AQUINO OLIVEIRA 54.46; ZANETTI 53.62; BECSKEHAZY 54.69; DINIZ ARAKHA 52.84) 3:35.84 AUSTRALIA (ROGERS 55.12; IMLANI 57.66; SINGSON BROSAS 57.30; JAITULLA 57.16) 13:47.39 EL SALVADOR (VILANOVA 55.85; PATHO 59.57; RENGIFO 57.72; FERRACUTI 55.98) 3:49.14 USA (EDGAR 52.69; MURPHY 52.04; HEIDERREICH 50.78; SPITZ 50.90) USST (BURE 52.26; MAZANOV 53.13; ABOIMOV 52.75; GRIVENNIKOV 51.57) 3:29.72 E-GERMANY (MATTHES 52.89; HARTUNG 53.31; BRUCH 53.20; UNGER 53.01) 3:32.42 BRAZIL (AQUINO DLIVEIRA 53.62; ZANETTI 53.61; BECKERLAY 253.73; DINIZ ARAHNA 52.17) 3:33.14 CANADA (ROBERTSON 53.52; PHILLIPS 52.56; BACH 54.41; KASTING 52.70) 3:33.20 W.GERMANY (STEINBACH 53.45; LAMPE 52.81; JACOB 53.61; FASSHACHT 53.82) 3:33.90 FRANCE (VIGNE 54.47; MOSCONI 54.57; HERMITTE 53.41; ROUSSEAU 51.66) 3:34.13 SPAIN (OGMAS 54.32; CULEBRAS 55.02; MED 54.77; PUJOL 54.09) 3:38.21 4X200 METER FREESTYLE RELAY HEAT 1 AUSTRALIA (WINDEATT 1:57.34; FEATHERSTONE 1:58.42; WHITE 1:58.08; WENDEN 1:55.18) 7.49.03 CANADA (HUTTON 1:57.97; BUCKBORD 2:00.20;	FLOCKMER 56.69; INCER 54.00) 3:55.23 BRAZIL (ARAMTES JR.1:02.21; F1010 1:05.81; WAISMANNST.33; DINIZ ARAMHA 53.20]3:56.56 JAFAM (HONDA 1:00.23; TAGUCHI 1:04.90; KOMAZAKI 56.14; SASAKI 56.27) 3:55.55 W.GERMANY (WEBER 1:02.14; KUSCH 1:07.98; STOKLASA 58.35; STEINBACH 52.08) 4:00.56 SPAIN (MELO 1:02.33; BALCELLS 1:09.30; LANG LENTON 56.52; COMAS 53.56) 4:03.73 PHILIPPINES (ROSARIO 1:06.24; JALHMANH 1:08.19; SINGSON BROBAS 1:03.85; AYESA 55.33) 4:13.62 HEAT 3 USA (1VEY 58.72; HENCKEN 1:05.10; HALL 55.39; FAIRBANK 52.75) 3:51.98 GR.BRITAIN (CUNNINGHAM 1:01.16; WILKIE 1:06.15; MILLS 57.88; WINDEATT 53.77) 3:58.97 AUSTRALIA (COOPER 1:00.77; JARVIE 1:08.97; ROGERS 58.19; WENDEN 52.22) 4:00.16 SWEDEN (SANDBERG 1:00.96; LARSSON 1:09.23; LUMGERGE 1:00.56; BELLDRINGES.94)4306.67 POLAND (DLUCIK 1:01.95; SMIGLAK 1:0.68; GHUDZINSKI 59.63; PACELT 55.99) 4:07.87 CAMBODIA (SARUN 1:07.51; SOKON 1:08.54; GHHAYKHENG 1:06.57; SAMNANG58.08)4:20.71 FINALS USA (STAMM M.57.97; BRUGE T.1:04.22; SPITZ M.54.28; HEIDENBEICH J.51.67) W 3:48.16 E.GERMANY (MATTHES R.56.30 EW; KATZUR K. 1:06.02; FLOCKNER H.56.36; UNGER L. 53.43) CANADA (FISH E.59.61; MAHONY W.1:05.89; ROBERTSON B.54.48; KASTING B.52.28)	GRITHE MATHISEN	Heat 2
POSER 54.31; UNGER 53.29) 3:35.13 CANDAD (PHILLIPS 54.64; ROBERTSON 53.63; BACH 54.17; KASTING 53.19) 3:35.64 BRAZIL (AQUINO OLIVEIRA 54.46; ZANETTI 53.82; BEOSKEHAZY 54.69; DINIZ ARANHA 52.04) 3:35.64 AUSTRALIA (ROGERS 55.12; IMLANI 57.58; SINGSON BROSAS 57.30; JAITULLA 57.16) 3:47.39 EL SALVADOR (VILANOVA 55.85; PATINO 59.57; RENGIFO 57.72; FERRACUTI 55.98) 3:49.14 FINALS USA (EDGAR 52.69; MURPHY 52.04; HEIDENREICH 50.78; SPITZ 50.90) W3:26.42 USSA (EDGAR 52.66; MAZANOV 53.13; ABOINOV 52.75; GRIVENIKOV 51.57) 3:29.72 E.GERHARY (PATTHES 52.89; MARTUNG 53.31; BRUCH 53.20; UNGER 53.01) 3:32.42 BRAZIL (AQUINO OLIVEIRA 53.62; ZAMETTI 53.61; BECSKEHAZY 53.73; DINIZ ARANHA 52.17) 3:33.14 CANDA (ROBERTSON 53.52; PHILLIPS 52.59; BACK 54.41; KASTING 52.70) 3:33.20 W.GERHARY (STEHNAGU 53.45; LAMPE 52.81; JACOB 53.81; FASSNACHT 53.82) 3:33.90 FRANCE (VIGNE 54.47; MOSCONI 55.57; HERNITTE 53.41; ROUSSEAU 51.66) 3:34.13 SPAIN (COMAS 64.32; CULEBRAS 55.02; MELO 54.77; PUJOL 54.09) 3:38.21 4X200 METER FREESTYLE RELAY HEAT I AUSTRALIA (WINDEATT 1:57.34; FEATHERSTONE 1:58.42; WHITE 1:58.08; WENDER 1:55.18) CANDAD (HUTYON 1:57.97; BUCKBOOR 2:00.20; MACKENZIE 1:59.95; PI; 157.49; MILLS 1:59.03; BAILEY 2:01.35; CUUNINIBORNA	FLOCKMER 56.99; INCER 54.00) 3:55.23 BRAZIL (ARAMTES JR.1:02.21; F1010 1:05.81; WAISMANNST.33; DINIZ ARAMHA 53.20)3:56.56 JAFAN (HONDA 1:00.23; TAGUCHI 1:04.90; KOMAZAKI 56.14; SASAKI 56.27) 3:59.55 W.GERMANY (WEBER 1:02.14; KUSCH 1:07.38; STOKLASA 58.35; STEINBACH 52.08) 4:00.56 SPAIN (MELO 1:02.33; BALDELLES 1:09.30; LAND LENTON 56.52; COMAS 53.56) 4:03.73 PHILIPPINES (ROSARIO 1:06.24; JALHMANNI 1:08.19; SINGSON BROSAS 1:03.85; AYESA 55.33) 4:13.62 WEAT 3 USA (IVEY 58.72; HENCKEN 1:05.10; HALL 55.39; FAIRBANK 52.75) 3:51.98 GR.BRITAIN (CUNNINGHAM 1:01.16; WILKIE 1:06.15; MILLS 57.88; WINDEATT 53.77) AUSTRALIA (COOPER 1:00.77; JARVIEI 1:08.97; ROGERS 58.19; WENDEN 52.22) 4:00.16 SWEDEN (SANDSERG 1:00.53; BELLBRINGS5.94)MSG.67 POLAND (DIUCIK 1:01.95; SNIGLKK 1:10.88; CHUDZINSKI 59.63; PACELT 55.39) 4:07.87 CAMODOI A (SARUN 1:07.51; SOKHON 1:08.54; CHHAYKHENG 1:06.57; SAMMANGS8.08)4:20.71 USA (STAMM M.57.97; BRUCE T.1:04.22; SPIZ M.54.28; HEIDENBEICH J.51.67) W 3:48.16 E.GERHANY (MATTHES R.56.30 EW; KATZUR K. 1:06.02; FLOCKNER H.56.36; UMGER K. 1:06.02; FLOCKNER H.56.36; UMGER L. 53.43) 3:52.12 USSA (GRIVENNIKOV 1.59.22; PANKIN N. 1:05.20; SMARYGIN V.57.44; BURE V.51.38) 3:53.26 USSR (GRIVENNIKOV 1.59.22; PANKIN N. 1:05.20; SMARYGIN V.57.44; BURE V.51.38) 3:53.26	GRITHE MATHISEN	Heat 2
POSER 54.31; UNGER 53.29) 3:35.13 CANADA (PHILLIPS 54.46; ROBERTSON 53.63; BACH 54.17; KASTING 53.19) 3:35.64 BRAZIL (AQUINO OLIVEIRA 54.46; ZARETTI 53.82; BEGSKEHAZY 54.69; DINIZ ARAWHA 52.04) 3:35.84 AUSTRALIA (ROGERS 55.12; IMLAN 57.56; SINGSON BROSAS 57.30; JAITULLA 57.16) 3:47.39 EL SALVADOR (VILANOVA 55.85; PATINO 59.57; RENGIFO 57.72; FERRACUTI 55.98) 3:49.14 FINALS USA (EDGAR 52.69; MURPHY 52.04; HEIDENBEICH 50.78; SPITZ 50.90) M3:26.42 USSN (BURE 52.26; MAZANOV 53.13; ABOIMOV 52.75; GRIVENNIKOV 51.57) 3:29.72 E.GERMANY (MATTHES 52.89; HARTUNG 53.31; BRUCH 53.20; UNGER 53.01) 3:32.42 BRAZIL (AQUINO OLIVEIRA 53.62; ZANETTI 53.61; BECGKEHAZY 53.73; DINIZ ARANHA 52.17) CANADA (ROBERTSON 53.52; PHILLIPS 52.56; BACH 54.41; KASTING 52.70) 3:33.20 W.GERMARY (STEINBACH 53.82) 3:33.20 W.GERMARY (STEINBACH 53.82) 3:33.30 FRAMCE (VIGNE 54.7; MYGGCONI 57.7; HERNITE 53.41; ROUSSEAU 51.66) 3:34.13 SPAIN (COMAS 54.32; CULBBRAS 55.02; MLO 54.77; PUJOL 54.09) 3:36.21 4X200 METER FREESTYLE RELAY HEAT 1 AUSTRALIA (WINDCART 1:157.34; FEATHERSTONE 1:58.42; WHITE 1:58.06; WENGER 1:55.18) 7.49.03 CANADA (HUTON 1:57.97; BUCKBORD 2:00.20; MACKENZIE 1:59.54; PHILLIPS 1:59.97) 7:157.69 GR. BRITAIN (BRINKLEY 1:57.49; MILLS 1:59.03; BAILEY 2:01.35; CUNNINGHAM 2:00.44)	FLOCKMER 56.99; INCER 54.00) 3:55.23 BRAZIL (ARANTES JA.102.21; F1010 1005.81; WAISMANNS 7.33; DINIZ ARANHA 53.20)3:56.56 JAFAN (HONDA 1:00.23; TAGUCHI 1:04.90; KOHAZAKI 56.14; SASAKI 56.27) 3:59.55 W.GERMANY (WEBER 1:02.14; KUSCH 1:07.98; STOKLASA 58.36; STEINBACH 52.08) 4:00.56 SPAIN (MELO 1:02.33; BALCELLS 1:09.30; LANG LENTON 56.52; COMAS 53.56) 4:03.73 PHILIFFINES (ROSARIO 1:06.24; JALHAANI 1:08.19; SINGSON BROSAS 1:03.85; AYESA 55.33) HEAT 3 USA (IVEY 58.72; HENCKEN 1:05.10; HALL 55.39; FAIRBACK 52.75) 3:51.98 GR. BRITAIN (CUNNINGHAM 1:01.16; WILKIE 1:06.15; MILLS 57.88; WINDEATT 53.77) AUSTRALIA (COPER 1:00.77; JARVIE 1:08.97; ROGERS 58.19; WENDEN 52.22) 4:00.16 SWEEDEN (SANDBERG 1:00.96; LARSSON 1:09.23; LJUNGBERG 1:00.53; BELLERING 55.94) 9:05.77 POLAND (DLUCIK 1:01.95; SMIGLAK 1:10.88; CHUOZINSKI 59.63; PACELT 55.39) 4:07.67 CAMBOOLIA (SARUN 1:07.51; SOKHON 1:08.54; CHHAYKHENG 1:06.57; SAMMANGS 8.08) 4:20.71 FINALS USA (STAMM M.57.97; BRUCE T.1:04.22; SPITZ M.54.28; HEIDENBE ICH J.51.67) GERBRANY (MATTHES R.56.30 EW; KATZUR K. 1:06.02; FLOCKNER H.56.36; UNGER L. 53.43) CANDAA (FISH E.59.61; MANDRY W.:105.89; ROBERTSON B.54.48; KASTING B.52.28) USSR (GRIVENRIKOV 1.59.22; PANKIN N. 1:05.20; SHARYGIN V.57.44; BURE V.51.38) 3:53.26 BRAZIL (ARANTES JR.8.1:01.87; FIOLD J.	GRITHE MATHISEN	Heat 2
POSER 54.31; UNGER 53.29) 3:35.13 CANADA (PHILLIPS 54.64; ROBERTSON 53.63; BACH 54.17; KASTING 53.19) 3:35.64 BRAZIL (AQUINO OLIVEIRA 54.68; ZANETTI 53.62; BECSKEHAZY 54.69; DINIZ ARANHA 52.04) 3:35.84 AUSTRALIA (ROGERS 55.12; IMLANI 57.58; SINGSON BROSAS 57.30; JAITULLA 57.16) C. SALVADOR (VILANOVA 55.85; PATINO 59.57; RENGIFO 57.72; FERRACUTI 55.98) 3:49.14 FINALS USA (EDGAR 52.69; MURPHY 52.04; HEIDERNEICH 50.78; SPITZ 50.90) W3:26.42 USSI (BURE 52.26; MAZANOV 53.13; ABOINOV 52.75; GRIVENIKOV 51.57) 3:29.72 E.GERNAMY (MATHRES 52.89; HARTHO 59.31; BRUCH 53.20; UNGER 53.01) 3:32.42 BRAZIL (AQUINO OLIVEIRA 53.62; ZANETTI 53.61; BECSKEHAZY 53.73; DINIZ ARANHA 52.17) 3:33.14 CANADA (ROBERTSON 53.52; PHILLIPS 52.56; BACH 54.41; KASTING 52.70) 3:33.20 W.GERMANY (STEINBACH 53.45; LAMPE 52.81; JACOB 53.61; FASSHACHT 53.82) 3:33.90 FRAMCE (VIGNE 54.47; MOSCONI 54.57; HERMITTE 53.41; ROUSSEAU 51.66) 3:34.13 SPAIN (COMAS 54.32; CULEBRAS 55.02; MELO 54.77; PUJOL 54.09) 3:36.21 AZOO METER FHEESTYLE RELAY HEAT I AUSTRALIA (WINDEATT 1:57.34; FEATHERSTONE 1:55.42; WHITE 1:58.06; MENGER 1:55.18) 7:49.03 CANADA (HUTTON 1:57.97; BUCKBORD 2:00.20; MACKENZIE 1:59.54; PHILLIPS 1:59.97) 7:57.68 GR. BRITAIN (BRINKLEY 1:57.49; MILLS 1:59.03; BAILEY 2:01.35; CUNNINGHAM 2:00.44) 7:58.33 HOLLAND (PRIJBEKKER 1:59.40; BERGERM 1:59.56; VANHAMBURG 2:00.35; CLZERMANE 2:01.52 8:00.81 HOLLAND (PRIJBEKKER 1:59.40; BERGERM 1:59.56; VANHAMBURG 2:00.35; CLZERMANE 2:01.52 8:00.81 HOLLAND (PRIJBEKKER 1:59.40; BERGERM 1:59.56; VANHAMBURG 2:00.35; CLZERMANE 2:01.52 8:00.81 HOLLAND (PRIJBEKKER 1:59.40; BERGERM 1:59.56; VANHAMBURG 2:00.35; CLZERMANE 2:01.52 8:00.81 HOLLAND (PRIJBEKKER 1:59.40; BERGERM 1:59.56; VANHAMBURG 2:00.35; CLZERMANE 2:01.52 8:00.81 HOLLAND (PRIJBEKKER 1:59.40; BERGERM 1:59.56; VANHAMBURG 2:00.35; CLZERMANE 2:01.52 8:00.81 HOLLAND (PRIJBEKKER 1:59.40; BERGERM 1:59.56; VANHAMBURG 2:00.35; CLZERMANE 2:01.52 8:00.81 HOLLAND (PRIJBEKKER 1:59.40; BERGERM 1:59.56; VANHAMBURG 2:00.35; CLZERMANE 2:01.52	FLOCKMER 56.99; UNCER 54.00) 3:55.23 BRAZIL (ARANTES JR.1:02.21; F1010 1:05.81; WAISMANNST.33; DINIZ ARANHA 53.20]3:56.56 JAFAN (HONDA 1:00.23; TAGUCHI 1:04.90; KOMAZAKI 56.14; SASAKI 56.27) 3:59.55 W.GERMANY (WEBER 1:02.14; KUSCH 1:07.38; STOKLASA 58.35; STEINBACH 52.08) 4:00.56 SPAIN (MELO 1:02.33; BALCELLS 1:09.30; LANG LENTON 56.52; COMAS 53.56) 4:03.73 PHILIPPINES (ROSARIO 1:06.24; JALHMANNI 1:08.19; SINGSON BROSAS 1:03.85; AYESA 55.33) 4:13.62 HEAT 3 USA (1VEY 58.72; HENCKEN 1:05.10; HALL 55.39; FAIRBANK 52.75) 3:51.98 GR.BRITAIN (CUNNINGHAM 1:01.16; WILKIE 1:06.15; MILLS 57.88; WINDEATT 53.77) ROGERS 58.19; WENDEN 52.22) 4:00.16 SWEDEN (SANDBERG 1:00.96; LARSSON 1:08.97; LUMGGERG 1:00.77; JARVIEI 1:08.97; ROGERS 58.19; WENDEN 52.22) 4:00.16 SWEDEN (SANDBERG 1:00.96; LARSSON 1:09.23; LUMGGERG 1:00.58] SELIGEN INGS.94 M95.67 POLAND (OLUCIK 1:01.95; SNIGLAK 1:10.88; CHUDZINSKI 59.63; PACELT 55.39) 4:07.87 CAMBODIA (SARUN 1:07.51; SOKHON 1:08.54; CHHAYKHENG 1:06.57; SAMNANGS8.08)4:20.71 FINALS USA (STAMM M.57.97; BRUCE T.1:04.22; SPITZ M.54.28; HEIDENBEICH J.51.67) W 3:48.16 E.GERMANY (MATTHES R.56.30 EW; KATZUR K. 1:06.02; FLOCKMER H.56.36; UNGER L. 53.43) CANDA (FISH E.59.61; MAHONY W.1:05.89; ROBERTSON B.54.48; KASTING B.52.28) USSR (GRIVENNIKOV 1.59.22; PANKIN N. 1:05.92; SMARYGIN V.57.44; BURE V.51.38) 3:53.26 BRAZIL (ÁRANTES JR.S.1:01.87; F1010 J. 1:05.92; WAISMANN S.57.99; DINIZ-ARSANHA 52.09) 3:57.89	GRITHE MATHISEN	Heat 2
POSER 54.31; UNGER 53.29) 3:35.13 CANDAD (PHILLIPS 54.64; ROBERTSON 53.63; BACH 54.17; KASTING 53.19) 3:35.64 BRAZIL (AQUINO OLIVEIRA 54.46; ZANETTI 53.82; BEOSKEHAZY 54.69; DINIZ ARANHA 52.04) 3:35.84 AUSTRALIA (ROGERS 55.12; IMLANI 57.56; SINGSON BROSAS 57.30; JAITULLA 57.16) 3:47.39 EL SALVADOR (VILANOVA 55.85; PATINO 59.57; RENGIFO 57.72; FERRACUTI 55.98) 3:49.14 FINALS USA (EDGAR 52.69; MURPHY 52.04; HEIDENBEICH 50.78; SPITZ 50.90) W3:26.42 USSN (BURE 52.26; MAZANOV 53.13; ABOINOV 52.75; GRIVENNIKOV 51.57) 3:29.72 E.GERMANY (MATTHES 52.89; HARTUNG 53.31; BRUCH 53.20; UNGER 53.01) 3:32.42 BRAZIL (AQUINO OLIVEIRA 53.62; ZANETTI 53.61; BECSKEHAZY 53.73; DINIZ ARANHA 52.17) CANDAO (ROBERTSON 53.52; PHILLIPS 52.56; BACK 54.41; KASTING 52.70) 3:33.20 WIGERMANY (STEHNAGO 53.46; LAMPE 52.81; JACOB 53.81; FASSHACHT 53.82) 3:33.30 FRANCE (VIGNE 54.47; MOSCONI 54.57; HERNITTE 53.41; ROUSSEAU 51.66) 3:34.13 SPAIN (COMAS 54.32; CULEBRAS 55.02; MELO 54.77; PUJOL 54.09) 3:38.21 4X200 METER FREESTYLE RELAY MASTRALIA (WINDEATT 1:57.34; FEATHERSTONE 1:58.42; WHITE 1:58.08; WENDER 1:55.18) 7:49.03 CANDAO (HUTTON 1:57.97; BUCKBORD 2:00.20; MACKERLE 1:59.54; PHILLIPS 1:59.97) 7:57.69 GR. BRITAIN (BRINKLEY 1:57.49; MILLS 1:59.03; BAILEY 2:01.35; CUNNINGHAM 2:00.44) PT.158.33 HOLLAND (PRIJBEKKER 1:59.40; BERSSHA1:59.56;	FLOCKMER 56.99; INCER 54.00) 3:55.23 BRAZIL (ARANTES JR.1102.21; F1010 1:05.81; WAISMANNST.33; DINIZ ARANHA 53.20)3:56.56 JAPAN (HONDA 1:00.23; TAGUCHI 1:04.90; KOHAZAKI 56.14; SASAKI 56.27) 3:59.55 W.GERMANY (WEBER 1:02.14; KUSCH 1:07.38; STOKLASA 56.35; FZELNBACH 52.08) 4:00.56 SPAIN (MELO 1:02.33; BALCELLS 1:09.30; LANG LENTON 56.52; COMAS 53.56) 4:03.73 PHILIPPINES (ROSARIO 1:06.24; JALHAANI 1:08.19; SINGSON BROSAS 1:03.85; AYESA 55.33) HEAT 3 USA (1VEY 58.72; HENCKEN 1:05.10; HALL 55.39; FAIRBARK 52.75) 3:51.98 GR.BRITAIN (CUNNINGAM 1:01.16; WILKIE 1:06.15; MILLS 57.88; WINDEATT 53.77; ROGERS 56.19; WENDEN 52.22) 4:00.16 SWEDEN (SANDBERG 1:00.96; LARSSON 1:09.23; LJUNGBERG 1:00.53; BELLBRINGS5.94) 4:07.87 CAMBOOLIA (SARUN 1:07.51; SOKHON 1:08.54; CHUAZ TIRKI 59.59; SANIGLAK 1:10.88; CHUAZ TIRKI 59.59; PAIRBACK 1:06.57; CHAYKHENG 1:06.57; SANIGAK 1:10.88; CHUAZ TIRKI 59.59; PAIRBACK 1:06.57; CHAYKHENG 1:06.57; SANIGAK 1:10.89; CHUAZ TIRKI 59.59; PAIRBACK 1:05.89; ROGERS 54.48; KASTING 8.52.12 USA (FISH E.59.61; MAMONY W.1:05.89; ROBERTSON B.4-48; KASTING 8.52.28) USSR (GRIVENNIKOV 1.59.22; PANKIN N. 1:05.20; SMARYGIN V.57.44; BURE V.51.38) 3:53.26 BRAZIL (ARANTES JR.1:01.87; F10LD J. 1:05.92; WAISMANN S.57.99; DINIZ-ARANHA	GRITHE MATHISEN	Heat 2

BOO METER FREESTYLE	HEAT 5	BEVERLEY WHITFIELD AUSTRALIA 1:17.59	YOKO YAMAMOTO JAPAN 2:54.28
HEAT I NOVELLA CALLIGARIS ITALY 9:02,96	DONNA MARIE GURB CANADA 1:07.45 KAREN MOE USA 1:07.69	TATIANA PRUDNIKOVA USSR 1:18.11	Winnie Nielsen Denmark 2:59.31
ANDREA EIFE E.GERMANY 9:22.88	SILKE PIELEN W.GERMANY 1:07.70	YOKO YAMAMOTO JAPAN 1:18.94 ANN O'CONNOB IRELAND 1:19.13	HEAT 5
BARBARA SCHWARZFELDT W.GERMANY 9:24.89 MARIA TERESA RAMIREZ MEXICO 9:25.09	ZOENKA GASPARAC YUGOSLAVIAI:09.72 KATHY RAFTERY CANADA 1:09.72	JUDITH HUDSON AUSTRALIA 1:19.78 SHLOMIT NIR ISRAEL 1:20.90	GALINA STEPANOVA USSR 2:44.20 BEVERLEY WHITFIELD AUSTRALIA 2:44.47
FRANÇOISE MONDO SWITZERLND9:50.73	PATRICIA LOPEZ-MUNIZ ARGENTINA 1:12.13		JANE WRIGHT CANADA 2:47.85
YUE-YUN HSU CHINA 10:08.49 HELENE AVLONITOU GREECE 10:10.88	GECILIA VARGAS MEXICO 1:12.91 CHAN PATRICIA LI YIN SINGAPORE 1:14.24	JUDY MELICK USA 1:16.75	CHRISTINE JARVIS G.BRITAIN 2:49.24 JEANETTE PETTERSON SWEDEN 2:50.36
	SEMI-FINAL I	VERENA EBERLE W.GERMANY 1:17.67	NIEVES PANADELL SPAIN 2:51.50
HEAT 2 KEENA ROTHHAMMER USA 8:59.89	MELISSA BELOTE USA 1:06.08	LYNN VIDALI USA 1:18.80 ZUZANA MARKOVA CZECHO. 1:18.88	HEAT 6
HANSJE BUNSCHOTEN HOLLAND 9:21.13 UTA SCHUETZ W.GERMANY 9:22.93	Susie Atwood USA 1:06.26 KAREN MOE USA 1:06.27	JAROSLAVA SLAVICKOVA CZECHO 1:19.12	LUDMILLA PORUBAIKO USSR 2:43.68
OLGA LUCIA DEANGULO COLOMBIA 9:43.27	WENDY COOK CANADA 1:06.89	Diana Harris G.Britain 1:19.19 Winnie Nielsen Denmark 1:23.00	CLAUDIA CLEVENGER USA 2:44.74 PETRA NOWS W.GERMANY 2:45.20
Helga Wagner W.Germany 9:44.17 Olga Petruseva USSR 10:04.96	TI. LEKVEISHVILI USSR 1:07.61 SUE LEWIS AUSTRALIA 1:07.81	LEONOR URUETA MEXICO 1:23,21	CHIENO SHIBATA JAPAN 2:46.87
SILVIA ELIZABETH BORGINIARGENTINA 10:09.19	DEBRA GAIN AUSTRALIA 1:08.51	HEAT 3	HEAT 6
HEAT 3	MARIANA VERMAAT HOLLAND 1:09.4	DOROTHY HARRISON G.BRITAIN 1:16.99 CHRISTINE JARVIS G.BRITAIN 1:18.27	LIUDMILA PORUBAIKO USSR 2:43.68 CLAUDIA CLEVENGEN USA 2:44.74
Ann Simmons USA 9:11.94	SEMI-FINAL 2 ANDREA GYARMATI HUNGARY 1:06.39	SYLVIA LANGER E.GERMANY 1:18.29	PETRA Nows W.GERMANY 2:45.20
ROSELINA ANGEL COLOMBIA 9:38-08	ENITH BRIGITHA HOLLAND 1:06,49	BRIGITTE SCHUCHARDT E.GERMANY 1:18.62 DAGMAR SIEBCK W.GERMANY 1:18.80	CHIEND SHIBATA JAPAN 2:46.87 ERIKA RUEGG SWITZERLND2:47.63
JUNE GREEN G.BRITAIN 9:39.91 LAURA VACA MEXICO 9:50.10	SILKE PIELEN W.GERMANY 1:06.98 CHRISTINE HERBST E.GERMANY 1:07.34	JANE WRIGHT CANADA 1:20.56 CRISTINA BASSAMI TEIXEIRABRAZIL 1:20.58	ZUZANA MARKOVA CZECHO. 2:53.88 ANA DELAPORTILLA MEXICO 2:54.10
BELINDA PHILLIPS JAMAIGA 9:53.99	DONNA MARIE GURR CANADA 1:07.37	ANI JANE MUGROTTCHIAN LIBYA 1:29.71	
Avis Willington G.BRITAINIO:10.91	ANNEGRET KOBER W.GERMANY 1:08:01 DEBORAH PALMER AUSTRALIA 1:08.29	HEAT 4	FINALS BEVERLEY WHITFIELD A'LIA 38.37 1:19.64
HEAT 4 SHANE GOULD AUSTRALIA 9:10.84	ANGELIKA KRAUS W.GERMANY 1:09.10	GALIMA STEPANOVA USSR 1:17.18	2:01.15 *C2:41.05
GODRUN WEGNER E.GERMANY 9:11.32	FINALS	JEANETTE PETTERSSON SWEDEN 1:17.83 EVA KISS HUNGARY 1:18.57	DANA SCHOENFIELD USA 38.16 1:19.63 2:01.02 2:42.05
KARIN TUELLING E.GERMANY 9:25.73 FEDERICA STABILINI ITALY 9:27.84	MELISSA BELOTE USA 31.18 WA1:05.78 ANDREA GYARMATI HUNGARY 31.42 *E1:06.26	ALIETE HIET HOLLAND 1:18,79	GALINA STEPANOVA USSR 37.28 1:17.90
MARY BETH RONDEAU CANADA 9:43.31	Susie Atwood USA 32.03 1:06.34	Tineke Hofland Holland 1:19.38 Patricia Siewert W.Germany 1:19.54	1:59.48 2:42.36 CLAUDIA CLEVENGER USA 37.46 1:19.64
ANTONELLA VALENTINI ITALY 9:49.07 PATRICIA LOPEZ-MUNIZ ARGENTINA 10:06.39	KAREN MOE USA 31.64 1:06.69 WENDY COOK CANADA 31.67 *C1:05.70	MARY TOANNIBOU GREECE 1:21.70 YUE-HWAN LII CHINA 1:25.47	2:00.54 2:42.88 PETRA NOWS W.GER 38.10 1:20.11
	ENITH BRIGITHA HOLLAND 31.42 *1:06.82		PETRA Nows W.GER 38.10 1:20.11 2:01.94 2:43.38
Jo Harshbarger USA 9:14.46	SILKE PIELEN W.GERM. 31.97 *1:07.36	HEAT 5 CATHERINE CARR USA 1:16.01	A.KISSNE-KACZANDER HUNG 37.89 1:20.65 2:01.92 2:43.41
KAREN MORAS AUSTRALIA 9:25.11	200 METER BACKSTROKE	AGNES KISSNE-KACZANDER HUNGARY 1:16,52	LIUDMILA PORUBAIKO USSR 37.77 1:19.73
KAREN LEGRESLEY CANADA 9:37.13	HEAT I	BRITT-MARIE SMEDH SWEDEN 1:17.21 ERIKA RUEGG SWITZERLND1:17.95	2:01.72 2:44.48 Eva Kiss Hung 38.04 1:20.15
BRENDA HOLMES CANADA 9:39,44 Susan Jones G.Britain 9:47,35	ANNEGRET KOBER W.SerMANY 2:24.88 WENDY COOK CANADA 2:25.71	SYLVIA DOCKERILL CANADA 1:18.64	2:02.94 2:45.12
Kirsten Knudsen Denmark 10:02.56	SUZUKO MATSUMURA JAPAN 2:26.95	MARIAN STUART CANADA 1:18.69 BEATRICE MOTTOULLE BELGIUM 1:20.79	IOD METER BUTTERFLY
AISLING O'LEARY RELAND 10:18.05	MARIA TERESA RAMIREZ MEXICO 2:27.47 ANNEMARIE GROEN HOLLAND 2:29.17	ANA DELAPORTILLA MEXICO 1:21.61	HEAT I USA 1:05.09
FINALS	DIANE ASHTON G.BRITAIN 2:29.95	SEMI-FINAL I	EDELTRAUD KOCH W.GERMANY 1:05.29
KEENA ROTHHAMMER USA 1:05.24 2:12.72 3:19.84 4:27.41 5:34.56	HEAT 2	GALINA STEPANOVA USSR 1:15.89 AGNES KISSNE-KACZANDER HUNGARY 1:16.34	FRIERE BUYS HOLLAND 1:06,89 MARGRIT THOMET SWITZERLND1:07.28
6:40.58 7:47.04 WAB:53.68 SHANE GOULD A'LEA 1:04.86 2:11.66	SUSIE ATWOOD USA 2:22.13 DEBORAH PALMER AUSTRALIA 2:24.25	DONOTHY HARRISON G. BRITAIN 1:16.53	BREND A MCGRORY IRELAND 1:08.52
3:19.18 4:27.34 5:35.30	SUSANNE HILGER E.GERMANY 2:27.88	VERENA EBERLE W.GERMANY 1:16.76 RENATE VOGEL E.GERMANY 1:16.87	DONATELLA TALPO ITALY 1:08.78 Susan Smith Canada 1:09.38
6:42.51 7:50.25 AC8:56.39 NOVELLA CALLIGARIS ITA 1:04.15 2:11.01	SUSAN HUNTER N.ZEALAND 2:28.28 KIKUYO ISHII JAPAN 2:29.66	ERIKA RUEGG SWITZERLND1:17.50 CHRISTINE JARVIS G.BRITAIN 1:17.58	Norma Amezcua Mexico 1:12,23
3:18.65 4:26.67 5:34.51	ZDENKA GASPARAC YUGOSLAVIA2:33.57	Eva Kiss Hungary 1:17.59	HEAT 2
6:42.22 7:50.33 *E8:57.46 ANN SIMMONS USA 1:04.92 2:11.80	CHRISTINE FULCHER IRELAND 2:33.73 CHAN PATRICIA LI YIN SINGAPORE 2:41.27	SEMI-FINAL 2	ANDREA GYARMATI HUNGARY 1:04.91 ROSWITHA BEIER E.GERMANY 1:04.34
3:19.32 4:27.28 5:35.63 6:43.62 7:51.24 8:57.62	HEAT 3	CATHERINE CARR USA 1:15.00	EVA WIKNER SWEDEN 1:06.70
GUDRUN WEGNER E.GERM 1:05.62 2:12.79	LESLIE CLIFF CANADA 2:25.08	JUDY MELICK USA 1:16.22 BEVERLEY WHITFIELD AUSTRALIA 1:16.26	AUROHA CHAMORRO USSR 1:07.44 AUROHA CHAMORRO SPAIN 1:08.39
3:20.15 4:27.90 5:35.86 6:44.37 7:52.98 *8:58.89	KARIN BORMANN W.GERMANY 2:25.59 LYNN SKRIFVARS USA 2:26.40	BRITT-MARIE SMEDH SWEDEN 1:16.67 LIUDMILA PORUBAIKO USSR 1:16.85	LESLIE CLIFF CANADA 1:09.29 YUE-YUN HSU CHINA 1:11.67
Jo HARSHBARGER USA 1:04.91 2:12.28	DEBRA CAIN AUSTRALIA 2:27.14	JEANETTE PETTERSSON SWEDEN 1:17.54	102-104 Had Online 1:11-07
3:20.19 4:28.34 5:36.51 6:45.01 7:53.43 9:01.21	JOSIEN ELZERMAN HOLLAND 2:28.18 KAZU FUJIMURA JAPAN 2:30.37	TATIANA PRUDNIKOVA USSR 1:19.37 SYLVIA LANGER E.GERMANY 1:20.03	DEENA DEARDURFF USA 1:04.80
HANSJE BUNSCHOTEN HOLL 1:05.04 2:12.80 3:22.52 4:33.42 5:44.31	FELICIA OSPITALETCHE URUGUAY 2:37.88	FINALS	ROSEMARIE KOTHER E.GERM. 1:04.83
			Noriko Asano Japan 1:04.97 Sue Funch A'Lia 1:07.51
6:55.71 8:07.36 *9:16.69	HEAT 4	CATHERINE GARR USA 35.00 AWI:13.58	OHE PUNCH A'LIA IIUf ali
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Namelle Moras A'lia 1:06.67 2:16.10 3:26.18 4:36.97 5:47.66	ENITH BRIGITHA HOLLAND 2:23.70 DONNA MARIE GURR CANADA 2:25.33 SYLVIE LENDAGH FRANCE 2:27.18	CATHERINE CARR USA 35.00 AWI:13.58 GALINA STEPANOVA USSR 35.51 *EI:14.99 BEVERLEY WHITFIELDA'LIA 36.14 *CI:15.73 AGNES KISSHE-KACZANDER HUN35.93 *1:16.26 JJDY MELICK USA 35.41 I:18.34	JEAN JEAVONS G.BRITAIN 1:07.64 VERA FAITLOVA CZECHO. 1:08.18
Namelle Moras	ENITH BRIGITM	CATHERINE CARR USA 35.00 AWI:13.58 GALINA STEPANOVA USR3 35.51 *E1:14.99 BEVERLEY WHITFIELDA'LIA 35.14 *C1:15.73 AGNES KISSNE-KACZANDER HUN35.93 *1:16.26 JJOV MELICK USA 35.41 1:16.34 VERENA EBERLE W.GERM. 36.52 *1:17.16 BRITT-MRATE SMEDH SWEDEN 35.70 *1:17.19	JEAN JEAVONS G.BRITAIN 1:07.64 VERA FAITLOVA CZCOHO. 1:08.18 CHIR JOO TAY SINGAPORE 1:10.92 SUSANA SAXLUNG URUGUAY 1:11.90 HEAT 4
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NAMELLE MORAS	ENITH BRIGITHA DONIAM MARIE GURR SYLVIE LEMOACH TIMATIN LERVEISHYLLI SUSANNE NIESNER PAMELA BAIRSTON GCOLLIA VARGAS ONG MEI-LIN HEAT 5 MELISSA BELOTE HOLLAND 2:23.70 CANADA 2:25.33 FANADA 2:25.33 ENANDA 2:25.33 ENANDA 2:26.62 SWITZERLNO2:28.62 G.BRITAIN 2:29.26 MELISSA BELOTE USA 2:20.56	CATHERINE CARR USA 35.00 AWI:13.58 BALINA STEPANOVA USSR 35.51 = E1:14.98 BEVERLEY WHITFIELDA'LIA 35.14 = CI:15.73 AGNES KISSHE-KACZANDER HUN35.93 = 1:16.25 JOY MELICK USA 35.41 :16.24 VERENA EBERLE W.GERM. 36.52 = 1:17.16 BRITT-MARIE SMEDH SWEDEN 35.70 = 1:17.19 DOROTHY HARRISON G.SRIT. 36.48 1:17.49 200 METER BREASTSTROKE HEAT VERENA EBERLE W.GERMANY 2:46.17	JEAN JEAVONS G.BRITAIN 1:07.64
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NAMELLE MORAS A LIA 1:06.67 2:16.10	ENITH BRIGITHA DONNA MARIE GURR CANADA 2:25,33 SYLVIE LEMOACH FRANCE 2:27,18 TINATIN LERVEISHVILI USSR 2:28,22 SUSANNE NIESMER CECILLA VARGAS ONG MEI-LIN HEAT 5 MELISSA BELOTE USA 2:26,40 HEAT 5 MELISSA BELOTE CERTHANY 2:25,09 CHRISTINE HERBST E.GERMANY 2:25,09 SUE LEMIS AUSTRALIA 2:25,34 ANDREA GYARMATI HUNGARY 2:25,34 ANGELIKA KRAUS W.GERMANY 2:31,16 PATRICIA LOPEZ-UNIZ ARGENTINA 2:33,41 DIAHA SUTHERLAND FINALS MELISSA BELOTE USA 32,11 1:05,59 1:42,55 WAZ:19,18 SUSIE ATWOOD USA 33,01 1:06,26 DONNA MARIE GURR CANADA 32,97 1:09,23 1:45,87 2:22,38 CHRISTINE HERBST E.GERM 32,51 1:09,23 CHRISTINE HERBST E.GERM 32,52 1:09,24 ENITH BRIGITHA HOLL 32,41 1:08,54 ENITH BRIGITHA HOLL 32,41 1:08,54 ENITH BRIGITHA HOLL 32,41 1:08,54 ENITH BRIGITHA HOLL 32,41 1:08,23 LIGEZ 2:23,70 DEBORAH PALMER A'LIA 33,55 1:09,70	CATHERINE CARR USA 35.00 AMILIA.58	Jean Jeavons
NAMELLE MORAS A'LLA 1:06.67 2:16.10	ENITH BRIGITMA DONAM 2:23,70 DONAM MARIE GURR CANADA 2:25,33 SYLVIE LEMOACH FRANCE 2:27,18 TINATIN LERVEISHVILI USSR 2:28,22 SUSANNEN NIESSRE SMITZERNNO2:28,62 PAMELA BAIRSTON G. BRITANIN 2:29,28 CECILLA VARGAS MEXICO 2:37,54 ONG MEI-LIN MALAYSIA 2:46,40 HEAT 5 MELISSA BELOTE USA 2:20,58 CURISTINE HERBST E.GERMANY 2:25,09 SUE LEWIS AUSTRALLIA 2:25,34 ANDREA GYARMATI HUNGARY 2:25,18 NATALIA ERSHOVA USSR 2:29,46 ANGELIKA KRAUS USSR 2:29,46 SUSIE ATMOOD USA 33.01 1:05,59 I:42,55 WAZ:19,19 SUSIE ATMOOD USA 33.01 1:06,04 DONAM MARIE GURR CANADA 33.07 1:09,23 CHRISTINE HERBST E.GERN 32.41 1:05,73 CHRISTINE HERBST E.GERN 32.41 1:06,73 I:46,26 2:23,46 ENITH BRIGITHA HOLL 32.41 1:06,54 ENITH BRIGITHA HOLL 32.41 1:06,54 LESLIE CLIFF CANADA 33.55 1:09,27 DEBORAH PALMER ALIA 33.55 1:09,27 LESLIE CLIFF CANADA 33.57 1:10,57	CATHERINE CARR USA 35.00 AMILIA.58	Jean Jeavons
NAMELLE MORAS A LIA 1:06.67 2:16.10	ENITH BRIGITHA DONNA MARIE GURR CANADA 2:25,33 SYLVIE LEMOACH FRANCE 2:27,18 TIRATIR LERVEISHVILI USSR 2:28,22 SUSANNE NIESNER CECILIA VARGAS GERITAIN 2:29,28 CECILIA VARGAS MEXICO 2:37,54 OMG MEI-LIN HEABST LEGERMANY 2:25,09 SUE LEWIS AUBTRALIA 2:25,34 AUBTRALIA 2:25,34 HUNGARY 2:25,81 NATALIA ENSHOVA USSR 2:29,48 AUGELIKA KRAUS W. GERMANY 2:25,81 NATALIA ENSHOVA G.BRITAIN 2:37,61 MELISSA BELOTE USA 32,11 1:05,59 PATRICIA LOPEZ-UNIZ G.BRITAIN 2:37,61 MELISSA BELOTE USA 32,11 1:05,59 1:42,55 WAZ:19,18 SUSIE ATWOOD USA 33,01 1:08,04 1:44,37 2:20,38 DONNA MARIE GURR CANADA 32,97 1:09,23 LICHESTINE HERBST E.GERN 32,53 1:09,24 ENITH BRIGITHA HOLL 32,44 ENITH BRIGITHA HOLL 32,44 ENITH BRIGITHA HOLL 32,41 LIGE,26 2:23,44 ENITH BRIGITHA HOLL 32,24 LIGE,26 2:23,44 ENITH BRIGITHA A'LIA 33,35 1:09,70 LIGEORAH PALMER A'LIA 33,355 1:09,07 LIGEORAH PALMER A'LIA 33,355 1:09,07	CATHERINE GARR USA 35.00 AMILIA.58	Jean Jeavons
NAMELLE MORAS A LIA 1:06.67 2:16:10	ENITH BRIGITHA DONIAM MARIE GURR CANADA 2:25,33 SVLVIE LEMOACH FRANCE 2:27,18 TINATIN LERVEISHVILI USSR 2:28,22 SUSANNEN RIESMER PAMELA BAIRSTOW G. BRITANN 2:29,28 CCCILLA VARGAS MEXICO 2:37,54 ONG MEI-LIN MALAYSIA 2:26,50 MELISSA BELOTE USA 2:20,56 CHRISTINE HERBST E.GERMANY 2:25,09 SUE LEWIS AUSTRALLA 2:25,34 ANDREA GVARMATI HUNGARY 2:25,19 NATALIA ERSHOVA USSR 2:29,46 ANGELIKA KRAUS W. GERMANY 2:31,16 PATRICIA LOPEZ-UNIZ ARGENTINA 2:33,41 DIANA SUTHERLAND G. BRITAIN 2:37,61 FINALS MELISSA BELOTE USA 32,11 1:05,59 1:42,55 WA2:19,18 SUSIE ATMOOD USA 33,01 1:08,04 1:44,37 2:20,38 DONNA MARIE GURR CANADA 32,97 1:09,23 1:45,27 2:22,35 CHRISTINE HERBST E.GERM 32,53 1:09,27 CHRISTINE HERBST E.GERM 32,53 1:09,24 ENITH BRIGITHA HOLL 32,41 1:08,73 1:46,26 2:22,34 ENITH BRIGITHA HOLL 32,41 1:08,73 1:46,26 2:22,37 DEBORAH PALMER A'LIA 33,53 1:09,27 LESLIE CLIFF CANADA 33,67 1:10,51 147,95 2:25,80	CATHERINE GARR USA 35.00 AMILIA.58	Jean Jeavons
NAMELLE MORAS A'LLA 1:06.67 2:16.10	ENITH BRIGITHA DONNA MARIE GURR SYLVIE LEMOACH FRANCE 2:27,18 TINATIN LERVEISHVILI SSR 2:28,22 SUSANNE NIESMER CECILLA VARGAS ONG MEI-LIN HEAT 5 MELISSA BELOTE CERTIAN 2:29,28 CERTIAN 2:29,28 MEXICO 2:37,54 MELISSA BELOTE CERTIAN 2:29,28 CERTIAN 2:29,28 MEXICO 2:37,54 MELISSA BELOTE CERTIAN 2:25,50 MELISSA BELOTE CHIESTINE HERBST SUE LEMIS AUSTRALIA 2:25,34 ANDREA GYARMATI NATALIA ERSHOVA ANGELIKA KRAUS M. GERMANY 2:25,11 DIANA SUTHERLAND G. BRITAIN 2:37,61 FINALS MELISSA BELOTE USA 32,11 DIANA SUTHERLAND G. BRITAIN 2:37,61 FINALS MELISSA BELOTE USA 32,11 DIANA SUTHERLAND SUSSE 2:29,46 ANGERIKA KRAUS M. GERMANY 2:31,16 ARGENTINA 2:33,41 DIANA SUTHERLAND C. BRITAIN 2:37,61 FINALS MELISSA BELOTE USA 32,11 DIONA MARIE GURR CANADA 32,97 1:09,23 1:45,27 1:46,27 1:20,23 CHRISTINE HERBST E. GERM 32,51 1:46,26 2:23,44 ENITH BRIGITHA HOLL. 32,41 LIGB.29 -2:23,27 DEBORAH PALMER A'LIA 33,55 LIGB.29 LESLIE CLIFF CANADA 33,67 1:47,95 2:25,80 LOD METER BREASTSTROKE HEAT I LUDMILLA PORUBAIKO USSS 1:17,14	CATHERINE GARR USA 35.00 AMI:13.58	Jean Jeavons
NAMELLE MORAS A LIA 1:06.67 2:16.10	ENITH BRIGITMA DONNA MARIE GURR CANADA 2:25,33 SYLVIE LEMOACH FRANCE 2:27,18 TINATIN LERVEISHVILI USSR 2:28,22 SUSANNE NIESMER SHITZERNOZ-226,62 PAMELA BAIRSTOW G. BRITAIN 2:29,28 CCCILLA VARGAS MEXICO 2:37,54 ONG MEI-LIN HEAT 5 MELISSA BELOTE USA 2:20,58 CERRISTINE HERBST E.GERMANY 2:25,09 SUE LEWIS AUSTRALLA 2:25,34 ANDREA GYARMATI NATALIA ERSHOVA USSR 2:29,46 ANGELIKA KRAUS USSR 2:29,46 ANGERT KOBER USSR 2:21,46,59 LESLIE GURR CANADA 32,97 1:09,23 DONNA MARIE GURR CANADA 32,97 1:09,23 ANNEGRET KOBER USGRH, 32,41 1:06,54 ENTH BRIGITHA HOLL 32,41 1:06,54 ENTH BRIGITHA HOLL 32,41 1:06,54 ENTH BRIGITHA MILL 32,41 1:06,554 ENTH BRIGITHA MILL 32,41 1:06,54 ENTH BRIGITHA MILL 32,41 1:06,554 ENTH BRIGITHA MILL 32,55 1:00,244 ENTH BRIGITHA MILL 32,51 1:00,554 ENTH MILL 32,55 1:00,554 ENTH MILL 32,55 1:00,554 ENTH MILL 32,55 1:00,554 ENTH MILL 32,55 1:00,555 ENTH MILL 32,55 3:00 ENTH MILL 32,55	CATHERINE CARR USA 35.00 AMILIA.58	Jean Jeavons

200 METER BUTTERFLY		NINA PETROVA	USSR	2:27.20		HEAT 5			AUSTRALIA (LEYIS I:	09.40: WHITE!	rin 1:16.74:
HEAT 1		ANITA ZARNOWIECKI	SWEDEN	2:29.08	LESLIE CLIFF		CANADA	5:08.64	Funch 1:06.73; Bo	OTH 1:01.08)	4:33.96
ROSEMARIE KOTHER E.GERMAN MAYUMI AOKI JAPAN	Y 2:18.32 2:23.01	GAIL NEALL KAREN JAMES	AUSTRAL IA CANADA	2:29.64	MARY MONTGOMERY ANGELA FRANKE		USA E.GERMANY	5:13.62	HUNGARY (SZEKERES 1:16.36; KORACHNE		
ANCA GROZA ROMANIA	2:30.32	DEBRA CAIN	AUSTRALIA		ANITA ZARNOWIECKI	ı	SWEDEN	5:15.05	1:00.13)	-1080621 1106	4:36,53
GRISEL MENDOZA MEXICO	2:35.85	HELENE AVLONITOU PATRICIA LOPEZ-MUNIZ	GREECE ARGENTINA	2:39.10	SUSAN RICHARDSON SUSANNE NIESNER		G BRITAIN SWITZERLN		IRELAND (FULCHER 1:		
HEAT 2		PATHICIA LOPEZ-TUNIZ	ARGENTINA	2:42.08	GISELA CEREZO		VENEZUELA		McGRORY 1:08.49; ITALY (FINESSO 1:12		
ELLIE DANIEL USA	2:17.18 N 2:27.59	HEAT			ROSARIO BALLESTER	805	MEXICO	5:31.06	TALPO 1:10.36; Po		
JEAN JEAVONS G.BRITAI EVA WIKNER SWEDEN	2:29.03	EVELIN STOLZE LESLIE CLIFF	E.GERM. CANADA	2:25.45 2:25.59		FINALS				HEAT 2	
	ND2:29.21	JAROSLAVA SLAVICKOVA	CZECHO	2:27.33		A'LIA		2:25.33	USA (ATWOOD 1:07.30	; MELICK 1:16.	
VERA FAITLOVA CZECHO MOIRA BROWN G.BRITAI	2:29.34 N 2:30.08	HENNIE PENTERMANN Eva Kiss	HOLLAND	2:28.99 2:32.68	LESLIE GLIFF (3:55.51WA	C5:02.97 2:27.99	SHRADER 1:04.71;		
JENNIFER MCHUGH CANADA	2:30.36	YUE-YUN HUS	CHINA	2:35.93	CERCIE OCIFF			*5:03.57	E.GERMANY (HERBST BEIER 1:03.98; WE		
HEAT 3		ROSARIO BALLESTEROS	Mexico	2:37.00	NOVELLA CALLIGARI			2:27.19	JAPAN (MATSUMURA 1:	09.21; YAMAMOT	ro 1:18.30;
LYNN COLELLA USA	2:18.80	HEAT	3		JENNY BARTZ L		3:57.63 • 1:08.88	2:28.65	AOK1 1:02.62; NIS GANADA (COOK 1:07.4		
NORIKO ASAND JAPAN	2:20.09	JENNY BARTZ	USA	2:25.83			3:57.17	5:05.56	Conson 1:05.98; C		
SAIL NEALL AUSTRALI FRIEKE BUYS HOLLAND	A 2:23.21 2:24.20	BRIGITTE SCHUCHARDT MARTHA NELSON	E.GERMANY CANADA		EVELIN STOLZE E		1:09.99 3:59.41	2:29,41 *5:06.80	GR.BRITAIN (BAIRSTO 1:16.39; JEAVONS		
OLGA LUCIA DEANGULO COLOMBIA	2:34.69	SHELAGH RATCLIFFE	G.BRITAIN	2:30.51	MARY MONTGOMERY L		1:10.41	2:27.61	1:10.09; JEAVONS 1:01.43)	1:00.65; ALLA	4:34.61
YUE-YUN HSU CHINA	2:44.88	GERDA LASSOOIJ	HOLLAND		V		4:32.30	5:09.98	SWITZERLAND (NIESNE		
HEAT 4		EVA SIGG GISELA CEREZO	FINLAND VENEZUELA		LYNN VIDALI		1:08.90 4:01.75	2:29.18 5:13.06	1:16.19; RuEge 1:	06.96; Monon	4:34.69
KAREN MOE USA	2:18.15				NINA PETROVA L	USSR	1:12,60	2:33.26	FRANCE (LENGACH 1:0		1:20.16;
	y 2:20.00 y 2:24.92	KORNELIA ENDER	E.GERMANY	2:25 20			4:03.32	5:15.68	CASTIAU 1:08.86;	MANDONNAUD 1:0	00.90) 4:38.62
SUE FUNCH AUSTRALI	A 2:26.69	CAROLYN WOODS	USA	2:26.98	4x100 MET	TER FREE	ESTYLE		MEXICO (RAMEREZ 1:0	9.63; DELAPORT	
	2:27.64 A 2:28.41	SUSAN HUNTER	N.ZEALAND			AT I	Francis	EO 01.	1:21.90; AMEYENA		kg E
MARIA ISABEL V. GUERRA BRAZIL	2:32.60	WIJDA MAZEREEUW AVIS WILLINGTON	HOLLAND G.BRITAIN		E.GERMANY (EIFE)				1:04.41)		4:49.23
Finale		MARIA ISABEL V. GUERRA	BRAZIL	2:32.95	HOLLAND (BRIGHITA	A 59.37;	RIJNDERS	1:01.14;		INALS	W. Carrie
FINALS KAREN MOE USA 31.49	1:06.22	KIRSTEN CAMPBELL	DENMARK	2:33.15	Bunschoten 1:00	U./I;ELZ	ZERMAN 1:0	4:02.70	USA (BELOTE,M.1:06. DEARDURFF,D.1:02.		
1:40.92	WA2:15.57	HEAT 5			AUSTRALIA (PALMER			s1:01.37;	172		VA4:20.75
LYNN COLELLA USA 31.78	1:06.63	LYNN VIDALI Yoshimi Nishigawa	USA JAPAN	2:24.92	BOOTH 1:01.07; CANADA (RONDEAU 1			4:05.44	E.GERMANY (HERBST,C		
ELLIE DANIEL USA 30.92	1:05.62	BIRUTA UJKUPAITITE	USSR	2:26.61	CLIFF 1:00.72;	Cook 1:	:00.58)	4:05.95	1:16.58; BEIER,R.		E4:24.91
ROSEMARIE KOTHERE.GERM. 31.78	2:16.74	Susan Richardson	G.BRITAIN	2:31.24	USSR (ZOLOTNICKA)				W.GERMANY (PIELEN,S		
1:41.55	*E2:17.11	TUROCZI JUDIT KORACHNE TRINE KROCH	HUNGARY	2:32.63	1:01.83; MATUCH 1:02.12)	nina IIC	21.400; UST	4:07.55	1:15.47; BECKMANN 59.05)	,u.1:03.64; RI	*4:26.46
NORIKO ASANO JAPAN 31.55 1:42.63	1:06.75	FELICIA OSPITELETCHE	URUGUAY	2:37.69	FRANCE (MANDONNAL			TZ	USSR (LEKVEISHVILI,		EPANOVA,
HELGA LINDNER E.GERM. 32.04	1:06.82	HEAT 6			1:02.81; PETIT	1:03.70); BERGER	4:08.82	G.1:14.46; USTIME NICKAIA, T.1:00.05		4:27.81
1:43.08	2:20.47	SHANE GOULD	AUSTRALIA	2:26.44	MEXICO (RAMIREZ I			U I	HOLLAND (BRIGITHA, E		
GAIL NEALL AUSTRALIA 32.80	1:08,46 *G2:21.88	AGNES KISSNE-KACZANDER YUKARI TAKEMOTO	HUNGARY JAPAN	2:28.05	1:03.96; VACA 1	1:04.77;	; ARRIAGA	4:14.95	1:18,17; RIJNOERS H. 59,68)	,A.1:05.77; B	
NAYUMI AOKI JAPAN 31.28	1:07.48	SUSANNE NIESNER	SWITZERLN		IRELAND (O'CONNOR	R 1:06.1	5; FULCHE		JAPAN (MATSUMURA, S.	1:08,60; YAMAN	*4:29.99 10T0,Y.
1:44.47	2:22.84	KARIN BORMANN	W.GERMANY		McGRORY 1:08.05	5;0'LEAR	RY 1:06.59)4:26.34	1:18.72; Aok1,M.1		AWA,Y.
200 METER INDIVIDUAL MEDLE	Y	MELMI BOXBERGER ROSELINA ANGEL	W.GERMANY COLOMBIA		1	HEAT 2			1:00,39) CANADA (COOK,W.1:07	-06: DOCKERILI	*4:30.18 .S.1:18.41
HEAT I			MALAYSIA		USA (PEYTON 1:00.				Corson,M. 1:05.02		01.07)
NINA PETROVA USSR ANITA ZARNOWIECKI SWEDEN	2:27.20	FINALS			BARKMAN 59.39;M W.GERMANY (BECKMA				Sweden (OLSSON,D.1:	09.50: SHEDH F	*4:31.56
GAIL NEALL AUSTRALI	A 2:29.64	SHANE GOULD A'LIA	31.07	1:08.46	STEINBACH 59.96	G;REINEC	ok 59.40)	4:01.63	WIKNER, E. 1:06.35;		
KAREN JAMES GANADA DEBRA CAIN AUSTRALE	2:31.25 A 2:31.82	Kornelia Engen E.Germ.	31.45	W2:23.07 1:07.60	SWEDEN (ZARNOWIEC 1:00.97; OLSSON				West of B		•4:32,61
HELENE AVLONITOU GREECE	2:39.10	Hannesta Capen Capenty.	1:52.03 *		1:01.53)			4:03.99	NOTE: OLYMPIC RECOR	OS WERE SET IN	ALL
PATRICIA LOPEZ-MUNIZ ARGENTIN	A 2:42.08	LYNN VIDALI USA	31.07	1:06.74	HUNGARY (GYARMAT) 1:01.55; KOVACS						
HEAT 2		JENNY BARTZ USA	31.58	1:08.77	CONTRACTOR COLUMN			4:04.29	OLYMPIC DIV		
EVELIN STOLZE E.GERM LESLIE CLIFF CANADA	2:25.45	LESLIE CLIFF CANADA	31.76	2:24.55	Japan (Nishigawa Goshi 1:01.88;1					NGBOARD DIVE	
JAROSLAVA SLAVICKOVA CZECHO.	2:27.33	acoust out out out out	1:52.11	2:24.83	GR. BRITAIN (SUTHE	ERLAND	:03.36; 8	IRS	O HETEN OFNE	FINALS	PRELIM.
HENNIE PENTERMANN HOLLAND EVA KISS HUNGARY	2:28.99	EVELIN STOLZE E.GERM.	32.40	1:09.30	1:03.17;EDMONDS	son 1:01	.74; ALLA			USSR 594.09	387.72
YUE-YUN HSU CHINA	2:35.93	YOSHIMI NISHIGAWA JAPAN	1:52.86	2:25.90	ITALY (POSESTA 1:	:02.44;L	LANFREDINI	4:09.51		ITALY 591.63 USA 577.29	400.95 386.79
ROSABIO BALLESTEROS MEXICO	2:37.00		1:52.70	2:26.35	GORGERINO 1:03.	.07; STAB	31LINI 1:0			ITALY 559.05	380.16
HEAT 3		GARGLYN WOODS USA	1:52.61	1:09.07	SWITZERLAND (THOM	MET 1:03	3.25; DEBR	4:10.70 UNNER		USA 557.34	378.84
JENNY BARTZ USA	2:25.83	Total Character Communication			1:02.68; FLAMAN			1:01.68)		USSR 556.20 E.GER 544.95	392.10 384.45
BRIGITTE SCHUCHARDT E.GERMAN MARTHA NELSON CANADA	Y 2:30.04 2:30.51	400 METER INDIVIDUA	AL MEDLEY					4:10.73	NORBERT HUDA	W.GER 524.16	355.29
SHELAGH RATCLIFFE G.BRITAI	N 2:31.04	GAIL NEALL	AUSTRALIA			FINALS	To book in an anomaly	and the same of		Mexico521.88 Norway514.92	345.21 344.55
	2:32.92	Susan Hunter Jaroslava Slavickova	N.ZEALAND CZECHO.		USA (Neilson, S.59 MAN, J.59.03; BA				JOSE ROBINSON	Mex. 514.02	348.48
	A 2:35.34	BIRUTA UJKURAITITE	USSR	5:20.05	E.GERMANY (WETZKO	0,6.59.2	23; EIFE,A	.58.96;		E.GER 511.02 AUSTRALIA	364.02
HEAT 4		HELGA NIEMANN SHELACH RAYOLIEES	W.GERMANY		SEHMISCH 59.08; W.GERMANY (WEBER,				SCOTT CRANHAM	CANADA	339.21
KORNELIA ENDER E.GERM.	2:25.39	SHELAGH RATCLIFFE HELMI BOXBERGER	G.BRITAIN W.GERMANY		BECKMANN, G. 59.9					FINLAND GANADA	336.99
CAROLYN WOODS USA	2:26.98	SILVIA ELIZABETH BORGIN			AND PAGE			*3:57.93	KEN SULLY CHRISTOPHER WALLS		336.12
	2:30.29	HEAT 2			HUNGARY (GYARMATI				VLADIMIR KAPIRUL	USSR	329.46
Avis Willington G. Britai	4 2:32.64	HENNIE PENTERMANN	HOLLAND		59.06)			+4:00.39	GERHARD HOELZL David Bush	W.GERMANY USA	327.42 327.06
Mania Isabel V. Guerra Brazil Kirsten Campbell Denmark	2:32.95	MARLIES POHL JENNIFER MCHUGH	E.GERMANY CANADA	5:15.38	HOLLAND (BRIGHITA BUNSCHOTEN 59.9				ION GANEA	ROMANIA	325.17
	THE STATE OF	DEBBIE BENGTSON	CANADA	5:21.62	SWEDEN (ZARNOWIEC	CK1,A.1:	01.16;AND	ERSSON,E.	ALAIN GOOSEN JOHN DAVID BAKER	FRANCE G.BRITAIN	322.41
HEAT 5 LYNN VIDALI USA	2:24.92	EVA SIGG KAHEN MORAS	FINLAND AUSTRALIA	5:22.92	1:00.25;OLSSON, 1:00.97)	,0.1:00.		sson,1. •4:02.69	JUNJI YUASA	JAPAN	316.95
YOSHIMI NISHIGAWA JAPAN	2:26.61	KIRSTEN CAMPBELL	DENMARK		CANADA (COOK, W. 1:		WRIGHT,J.	1:01.06;	RON FRIESEN SALIM BARJUM	CANADA COLOMBIA	313.11
BIRUTA UJKUPAITITE USSR	2:31.11				RONGEAU,M.1:01.		F,L.1:00.	41)	PORFIRIO BECERRIL	MEXICO	310.65
SUSANRICHARDSON G.BRITAII TUROCZI JUDIT KORACHNE HUNGARY	2:32.63	LYNN VIDALI	USA	5:09.67	AUSTRALIA (PALMER	,D.1:02		*4:03.83 is,L.	BRIAN WETHERIDGE	GR. BRITAIN	310.53
TRINE KROGH NORWAY	2:36.27	Novella Calligaris	ITALY	5:11.16	1:01,09;BootH,S		70; Goulo,	S.	REINHARD VOM BAUER	AUSTRALIA W.GERMANY	302.91 299.79
FELICIA OSPITALETCHE URUGUAY	2:37.69	GERDA LASSOCIJ MARIA ISABEL V. GUERRA	HOLLAND BRAZIL	5:22.09 5:24.43	1:01.00)			*4:04.82	RUDOLF KRUSPEL	AUSTRIA	293.58
HEAT 6	0.00	TRINE KROGH	NORWAY	5:25.08	4x100 MET		EY RELAY		JOSEF KIEN	AUSTRIA	285.30
AGNES KISSNE-KACZANDER HUNGARY	2:26.44	DIANE WALKER HELENE AVLONITOU	G.BRITAIN GREECE	5:28.82	USSR (LEK VE IS HVIL	HEAT !	97;STEPAN	DVA	PLATFOR		Destriction
YUKARI TAKEMOTO JAPAN	2:29.41	SEATRICE MOTTOULLE		5:35.38	1:16.01; USTINE	ENKO 1:0		0.7-	KLAUS DIBIASI	ITALY 504.12	338.25
	ND2:30.87 r 2:31.19	HEAT 4			NICKAIA 1:00.42 SWEDEN (OHLSSON I		SMEDH I	4:30.35 17.00:	RICHARD RYDZE	USA 480.75	302.15
HELMI BOXBERGER W.GERMAN	r 2:33.71	EVELIN STOLZE	E.G ERMANY		WIKNER 1:05.82;			70)	FRANCO CAGNOTTO LOTHAR MATTHES	ITALY 475.83 E.GER 465.75	312.93
ROSELINA ANGEL COLOMBIA ONG MEI-LIN MALAYSIA	2:45.46	JENNY BARTZ NINA PETROVA	USA USSR	5:07.31	HOLLAND (BRIGITHA	A 1:07:0	2: TERIET	4:31.88	DAVID AMBARCUMIAN	USSR 463.56	314.31
		YUKARI TAKEMOTO	JAPAN	5:20.89	Buys 1:06.66;R:	JNDERS	1:00.39)	4:32.20	RICHARD EARLY VLADIMIR KAPIRULIN	USA 462.45 USSR 459.21	287.94 296.40
200 METER INDIVIDUAL MEDLE		WIJDA MAZEREEUW LAURA VACA	MEXICO	5:24.00 5:24.63	W.GERMANY (KOBER KOCH 1:06.83; W				CARLOS GIRON	MEX 442.81	290.37
33500 53		ROSELINA ANGEL	COLOMBIA	5:35.44		ACTUAL VIEW	CONTRACTOR.	CHENIA!	MICHAEL FINNERAN	USA 439.47	289.80