



FINA WORLD MASTERS CHAMPIONSHIPS - MEET RECORDS

LONG COURSE METERS as of 1992

***** MEN *****				25-29	***** W O M E N *****			
23.64	1992	GER	OLAF AHLERS	50 M. FREE	ANNA PETTIS-SCOTT	USA	1992	27.06
52.42	1992	GER	OLAF AHLERS	100 M. FREE	MARY HOLMES	USA	1988	59.73
1:56.28	1988	BRA	MARCUS MATTIOLI	200 M. FREE	MARY ROEBUCK	USA	1990	2:09.50
4:06.99	1988	BRA	MARCUS MATTIOLI	400 M. FREE	MARY HOLMES	USA	1988	4:31.36
8:36.88	1992	USA	JOHN PEARSON	800 M. FREE	MARY HOLMES	USA	1988	9:18.74
				1500 M. FREE				
27.39	1986	BRA	ROMULO ARANTES	50 M. BACK	CHERYL GIBSON	CAN	1986	31.21
59.00	1986	BRA	ROMULO ARANTES	100 M. BACK	HIROKO TAKUWA	JPN	1992	1:07.20
2:13.56	1986	BRA	ROMULO ARANTES	200 M. BACK	MONIQUE RODAHL	NZL	1988	2:25.77
29.77	1992	USA	DEWEY WYATT	50 M. BRST	BEATE STEINHOF	GER	1992	33.88
1:07.39	1986	SWE	GLEN CHRISTIANSEN	100 M. BRST	BEATE STEINHOF	GER	1992	1:16.88
2:30.80	1988	JPN	JOHN ROGERS	200 M. BRST	BEATE STEINHOF	GER	1992	2:48.83
25.63	1992	GER	LARS HINNEBURG	50 M. FLY	ANNA PETTIS-SCOTT	USA	1992	28.82
57.12	1986	USA	ROBERT PLACAK	100 M. FLY	JUNE FORD	USA	1988	1:06.39
2:06.53	1988	BRA	MARCUS MATTIOLI	200 M. FLY	JUNE FORD	USA	1988	2:26.66
2:10.70	1992	GBR	ROLAND LEE	200 M. I.M.	JUNE FORD	USA	1988	2:29.55
4:41.14	1988	BRA	MARCUS MATTIOLI	400 M. I.M.	JUNE FORD	USA	1988	5:17.08
***** MEN *****				30-34	***** W O M E N *****			
23.94	1992	USA	ROWDY GAINES	50 M. FREE	S.NEILSON-BELL	USA	1988	26.70
52.32	1986	USA	JAMES MONTGOMERY	100 M. FREE	S.NEILSON-BELL	USA	1988	58.09
1:55.48	1986	USA	JAMES MONTGOMERY	200 M. FREE	LYNN MARSHALL	CAN	1992	2:09.12
4:08.70	1986	USA	JAMES MONTGOMERY	400 M. FREE	LYNN MARSHALL	CAN	1992	4:33.22
8:46.99	1986	USA	JAMES MONTGOMERY	800 M. FREE	LYNN MARSHALL	CAN	1992	9:16.82
				1500 M. FREE				
27.32	1988	USA	DIX OZIER	50 M. BACK	BETH MAUER	USA	1988	32.11
1:00.19	1992	USA	DAVID LUNDBERG	100 M. BACK	BETH MAUER	USA	1988	1:09.11
2:15.32	1988	AUS	R.DILL-MACKY	200 M. BACK	BETH MAUER	USA	1988	2:29.27
29.42	1992	USA	DAVID GUTHRIE	50 M. BRST	KAREN GIBSON	AUS	1986	35.37
1:05.85	1992	USA	DAVID LUNDBERG	100 M. BRST	KAREN GIBSON	AUS	1986	1:18.88
2:24.66	1992	USA	DAVID LUNDBERG	200 M. BRST	KAREN GIBSON	AUS	1988	2:54.28
25.31	1988	USA	MIKE BOTTOM	50 M. FLY	BETH HARRELL	USA	1992	29.22
56.64	1988	USA	MIKE BOTTOM	100 M. FLY	BETH HARRELL	USA	1992	1:06.08
2:08.78	1988	USA	JAMES BELARDI	200 M. FLY	DIANE BRADES	GBR	1992	2:28.06
2:10.68	1992	USA	DAVID LUNDBERG	200 M. I.M.	S.NEILSON-BELL	USA	1988	2:30.87
4:40.44	1992	USA	DAVID LUNDBERG	400 M. I.M.	DIANE BRADES	GBR	1992	5:24.86
***** MEN *****				35-39	***** W O M E N *****			
24.56	1992	RUS	ALEXEI MARKOVSKY	50 M. FREE	JACKI HIRSTY	USA	1990	27.68
54.28	1992	USA	JAMES MONTGOMERY	100 M. FREE	SUSAN HALFACRE	USA	1988	1:00.76
1:57.95	1992	USA	DAN STEPHENSEN	200 M. FREE	SUSAN HALFACRE	USA	1988	2:12.90
4:15.49	1992	USA	DAN STEPHENSEN	400 M. FREE	SUSAN HALFACRE	USA	1988	4:35.89
8:52.22	1992	USA	DAN STEPHENSEN	800 M. FREE	SUSAN HALFACRE	USA	1988	9:31.44
				1500 M. FREE				
29.09	1992	USA	MARK LIST	50 M. BACK	PATRICIA GILMORE	CAN	1988	33.58
1:02.66	1992	USA	WILL ARTLEY	100 M. BACK	PATRICIA GILMORE	CAN	1988	1:11.41
2:16.23	1992	USA	MARK LIST	200 M. BACK	KAREN FARNSWORTH	USA	1992	2:35.44
30.79	1992	USA	DOUG MALCOLM	50 M. BRST	KAREN MELICK	USA	1992	36.34
1:07.90	1992	USA	MARK SCHUMAN	100 M. BRST	KAREN MELICK	USA	1992	1:20.93
2:33.05	1992	USA	MARK SCHUMAN	200 M. BRST	KAREN MELICK	USA	1992	2:55.07
26.41	1992	USA	MARK SCHUMAN	50 M. FLY	SUSAN HALFACRE	USA	1988	29.78
58.08	1992	USA	JAMES BELARDI	100 M. FLY	SUSAN HALFACRE	USA	1988	1:06.76
2:09.18	1992	USA	JAMES BELARDI	200 M. FLY	MARYANN STEVENS	USA	1988	2:39.34
2:16.49	1992	USA	MARK SCHUMAN	200 M. I.M.	KAREN MCLARTY	USA	1992	24.14
4:55.13	1992	USA	JAMES BELARDI	400 M. I.M.	KAREN FARNSWORTH	USA	1992	5:34.47
***** MEN *****				40-44	***** W O M E N *****			
24.93	1992	USA	TOM WHATLEY	50 M. FREE	MARTHA MARTIN	USA	1988	28.72
56.01	1992	RSA	TERENCE DOWNES	100 M. FREE	MARTHA MARTIN	USA	1988	1:04.10
2:05.42	1992	RSA	TERENCE DOWNES	200 M. FREE	C.IANNAcone	USA	1988	2:23.49
4:31.17	1992	ITA	LORENZO MARUGO	400 M. FREE	C.IANNAcone	USA	1988	5:05.38
9:31.53	1992	RUS	YURI NIKOLAEV	800 M. FREE	C.IANNAcone	USA	1988	10:32.12
				1500 M. FREE				
30.25	1992	USA	CHUCK WOLFF	50 M. BACK	JUDY STEFANICK	USA	1992	34.49
1:04.80	1992	USA	CHUCK WOLFF	100 M. BACK	SATOKO TAKEUJI	JPN	1986	1:15.24
2:23.66	1992	USA	CHUCK WOLFF	200 M. BACK	JUDY STEFANICK	USA	1992	2:45.63
30.82	1992	USA	PEDER DAHLBERG	50 M. BRST	JAN MACLEOD	AUS	1988	37.59
1:09.95	1992	USA	PEDER DAHLBERG	100 M. BRST	A.WRIGHT-BELKNAP	USA	1992	1:26.21
2:39.04	1992	USA	PEDER DAHLBERG	200 M. BRST	GINGER PIERSON	USA	1986	3:07.35



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27.56	1988	USA	STEVE MACRI	50	M.	FLY	MARTHA MARTIN	USA	1988	31.14
1:02.25	1992	USA	LAWRENCE DAY	100	M.	FLY	MARTHA MARTIN	USA	1988	1:10.46
2:23.05	1988	USA	BOO GALLAS	200	M.	FLY	STEPHANIE WALSH	USA	1992	2:50.03
2:24.00	1990	USA	TYRONE TOZER	200	M.	I.M.	SANDRA O'NEIL	GBR	1990	2:46.82
5:02.96	1992	ITA	LORENZO MARUGO	400	M.	I.M.	ANNE CORK	GBR	1992	6:06.24
***** MEN ***** 45-49 ***** WOMEN *****										
25.30	1990	USA	RICHARD ABRAHAMS	50	M.	FREE	SHARON WISE	USA	1992	30.48
57.22	1990	USA	TIMOTHY GARTON	100	M.	FREE	SHARON WISE	USA	1992	1:07.98
2:07.18	1990	USA	TIMOTHY GARTON	200	M.	FREE	CAROLYN BOAK	USA	1992	2:30.40
4:27.70	1992	USA	BOB MOMSEN	400	M.	FREE	SANDRA O'NEIL	GBR	1992	5:23.98
9:31.38	1992	USA	BOB MOMSEN	800	M.	FREE	JANE KATZ	USA	1992	11:19.29
				1500	M.	FREE				
30.77	1992	USA	HUGH WILDER	50	M.	BACK	SATOKO TAKEUJI	JPN	1988	34.51
1:06.00	1992	USA	HUGH WILDER	100	M.	BACK	SANDRA O'NEIL	GBR	1992	1:19.54
2:26.91	1992	USA	JOHN CALVERT	200	M.	BACK	SANDRA O'NEIL	GBR	1992	2:50.27
32.94	1992	USA	ROBERT STRAND	50	M.	BRST	H MCLAREN	RSA	1992	38.73
1:12.98	1992	USA	ROBERT STRAND	100	M.	BRST	CAROLYN BOAK	USA	1992	1:26.67
2:42.97	1992	USA	ROBERT STRAND	200	M.	BRST	CAROLYN BOAK	USA	1992	3:09.19
27.78	1986	JPN	RYUJI TAKAMINE	50	M.	FLY	SHARON WISE	USA	1992	33.53
1:03.38	1992	USA	RICHARD ABRAHAMS	100	M.	FLY	SHERRY PUTHOFF	USA	1992	1:17.31
2:30.80	1992	USA	JOHN LINDLEY	200	M.	FLY	BERNICE WILKINS	GBR	1992	3:03.63
2:24.39	1992	USA	BOB MOMSEN	200	M.	I.M.	CAROLYN BOAK	USA	1992	2:49.83
5:12.03	1992	USA	BOB MOMSEN	400	M.	I.M.	BRIGITTE MERTEN	GER	1992	6:06.83
***** MEN ***** 50-54 ***** WOMEN *****										
26.87	1986	USA	DONALD HILL	50	M.	FREE	ARDETH MUELLER	USA	1992	30.04
1:00.43	1990	SWE	PETER BERGENGREN	100	M.	FREE	ARDETH MUELLER	USA	1992	1:07.42
2:14.39	1988	USA	EDWARD HINSHAW	200	M.	FREE	YOSHIKO OOSAKI	JPN	1988	2:37.33
4:51.06	1988	USA	EDWARD HINSHAW	400	M.	FREE	ARDETH MUELLER	USA	1992	5:20.09
10:04.71	1988	USA	EDWARD HINSHAW	800	M.	FREE	BARBARA FRID	USA	1992	11:55.90
				1500	M.	FREE				
30.93	1988	USA	JOHN SMITH	50	M.	BACK	WENDY ROSSER	RSA	1992	37.61
1:10.14	1988	USA	JOHN SMITH	100	M.	BACK	WENDY ROSSER	RSA	1992	1:23.99
2:38.57	1988	USA	JOHN SMITH	200	M.	BACK	WENDY ROSSER	RSA	1992	3:06.28
33.38	1986	JPN	HIROSHI KOTEGAWA	50	M.	BRST	MONIKA SENFTLEBEN	GER	1992	39.68
1:19.07	1986	USA	MANUEL SANGUILY	100	M.	BRST	E VAHRMEYER-LOSKA	NED	1992	1:29.46
2:57.35	1988	GER	GUNTER SCHMAH	200	M.	BRST	E VAHRMEYER-LOSKA	NED	1992	3:19.33
29.09	1992	USA	MICHAEL MEALIFFE	50	M.	FLY	NANCY RIDOUT	USA	1992	35.04
1:07.60	1992	USA	JACK GEOGHEGAN	100	M.	FLY	NANCY RIDOUT	USA	1992	1:22.02
2:39.48	1992	USA	JACK GEOGHEGAN	200	M.	FLY	ARDETH MUELLER	USA	1992	2:52.71
2:38.29	1988	USA	EDWARD HINSHAW	200	M.	I.M.	JUDITH VAN BERKEL	NED	1992	3:08.31
5:46.47	1992	USA	MIKE LAUX	400	M.	I.M.	ARDETH MUELLER	USA	1992	6:12.08
***** MEN ***** 55-59 ***** WOMEN *****										
28.15	1986	AUS	JOHN BROWNJOHN	50	M.	FREE	AKIKO SHIMIZU	JPN	1986	33.65
1:02.65	1992	USA	BOB BAILIE	100	M.	FREE	AKIKO SHIMIZU	JPN	1986	1:15.08
2:21.33	1992	JPN	KAZUYA NISHINO	200	M.	FREE	LAVELLE STOINOFF	USA	1988	2:44.84
5:03.98	1988	USA	GRAHAM JOHNSTON	400	M.	FREE	LAVELLE STOINOFF	USA	1988	5:45.18
10:32.20	1990	USA	BURWELL JONES	800	M.	FREE	LAVELLE STOINOFF	USA	1988	11:43.14
				1500	M.	FREE				
32.94	1992	USA	YOSHI OYAKAWA	50	M.	BACK	BETSY JORDAN	USA	1992	37.30
1:13.44	1992	USA	YOSHI OYAKAWA	100	M.	BACK	BETSY JORDAN	USA	1992	1:21.42
2:42.37	1988	USA	DON BROWN	200	M.	BACK	BETSY JORDAN	USA	1992	2:59.18
34.80	1990	USA	MANUEL SANGUILY	50	M.	BRST	EDITH BOEHM	FRG	1986	42.94
1:18.26	1992	HUN	BELA FABIAN	100	M.	BRST	ANTOINETTE RODAHL	NZL	1990	1:36.79
2:56.20	1990	GBR	THOMAS WALKER	200	M.	BRST	ANTOINETTE RODAHL	NZL	1990	3:30.24
30.80	1992	USA	BOB BAILIE	50	M.	FLY	HAIKE HOELER	GER	1992	36.79
1:13.75	1992	BRA	RICARDO SIMI	100	M.	FLY	HAIKE HOELER	GER	1992	1:28.28
2:49.40	1992	BRA	RICARDO SIMI	200	M.	FLY	GAIL ROPER	USA	1986	3:31.45
2:43.97	1990	USA	BURWELL JONES	200	M.	I.M.	BETSY JORDAN	USA	1992	3:09.94
5:53.73	1990	USA	BURWELL JONES	400	M.	I.M.	BETSY JORDAN	USA	1992	6:47.64
***** MEN ***** 60-64 ***** WOMEN *****										
27.86	1992	USA	DONALD HILL	50	M.	FREE	JANE ASHER	GBR	1992	33.60
1:02.80	1992	USA	DONALD HILL	100	M.	FREE	JANE ASHER	GBR	1992	1:16.16
2:23.11	1992	USA	DONALD HILL	200	M.	FREE	JANE ASHER	GBR	1992	2:51.82
5:09.21	1992	USA	GRAHAM JOHNSTON	400	M.	FREE	GAIL ROPER	AUS	1990	6:14.67
10:42.19	1992	USA	GRAHAM JOHNSTON	800	M.	FREE	JUNE KRAUSER	USA	1988	13:17.79
				1500	M.	FREE				
34.83	1990	BRA	ILO DA FONSECA	50	M.	BACK	GRETHE BENDTSEN	DEN	1992	40.86



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1:16.38	1992	HUN	IMRE NYEKI	100	M.	BACK	GRETHE BENDTSEN	DEN	1992	1:30.22
2:49.36	1992	HUN	IMRE WYEKI	200	M.	BACK	GRETHE BENDTSEN	DEN	1992	3:16.48
36.32	1992	USA	JOHN KORTHEUER	50	M.	BRST	EDITH BOEHM	GER	1988	42.49
1:22.91	1992	USA	JOHN KORTHEUER	100	M.	BRST	EDITH BOEHM	GER	1988	1:38.72
3:09.84	1992	USA	JOHN KORTHEUER	200	M.	BRST	JUDIE OLIVER	CAN	1992	3:36.87
32.67	1992	JPN	HITOSHI KATO	50	M.	FLY	ANNE ADAMS	USA	1988	38.64
1:17.39	1988	USA	WINTHROP WILSON	100	M.	FLY	JUDIE OLIVER	CAN	1992	1:31.52
3:08.79	1988	USA	CHARLES MOSS	200	M.	FLY	JUDIE OLIVER	CAN	1992	3:28.58
2:54.26	1992	USA	GRAHAM JOHNSTON	200	M.	I.M.	CLARA WALKER	USA	1986	3:17.40
6:22.20	1992	USA	GRAHAM JOHNSTON	400	M.	I.M.	GAIL ROPER	USA	1990	7:04.63
***** MEN ***** 65-69 ***** WOMEN *****										
30.40	1990	ECU	A SANGSTER	50	M.	FREE	CLARA WALKER	USA	1992	34.75
1:10.29	1988	USA	EDWARD HALL	100	M.	FREE	CLARA WALKER	USA	1992	1:16.84
2:39.50	1992	USA	WINTHROP WILSON	200	M.	FREE	CLARA WALKER	USA	1992	2:48.51
5:46.11	1992	ECU	A SANGSTER	400	M.	FREE	CLARA WALKER	USA	1992	6:09.08
11:52.33	1992	USA	WINTHROP WILSON	800	M.	FREE	FLORENCE CARR	USA	1990	13:35.16
				1500	M.	FREE				
37.03	1986	USA	RAY TAFT	50	M.	BACK	DORIS STEADMAN	USA	1992	42.18
1:20.74	1992	USA	ROGER FRANKS	100	M.	BACK	DORIS STEADMAN	USA	1992	1:34.06
2:55.46	1992	USA	ROGER FRANKS	200	M.	BACK	DORIS STEADMAN	USA	1992	3:24.33
39.00	1990	FRG	KARL HEINZ KNOPS	50	M.	BRST	BETTY CHRISTIAN	USA	1988	48.93
1:30.38	1990	FRG	KARL HEINZ KNOPS	100	M.	BRST	L.BURG-BONNIER	NED	1992	1:47.94
3:16.90	1990	FRG	KARL HEINZ KNOPS	200	M.	BRST	L.BURG-BONNIER	NED	1992	3:52.25
34.43	1992	USA	WINTHROP WILSON	50	M.	FLY	M.CUNNINGHAM	AUS	1990	43.45
1:20.63	1992	USA	WINTHROP WILSON	100	M.	FLY	JUNE KRAUSER	USA	1992	1:42.39
3:15.50	1992	USA	JOSEPH KURTZMAN	200	M.	FLY	JUNE KRAUSER	USA	1992	3:42.61
3:07.24	1992	USA	ROGER FRANKS	200	M.	I.M.	FLORENCE CARR	USA	1990	3:36.20
6:37.79	1992	USA	ROGER FRANKS	400	M.	I.M.	JUNE KRAUSER	USA	1992	7:35.11
***** MEN ***** 70-74 ***** WOMEN *****										
32.10	1990	ARG	MIRIO VISENTIN	50	M.	FREE	OLGA JOHNSON	NZL	1992	37.61
1:13.12	1992	USA	JOHN RICHARDS	100	M.	FREE	CATHERINE KERR	CAN	1992	1:28.07
2:50.47	1992	USA	JOHN RICHARDS	200	M.	FREE	CATHERINE KERR	CAN	1992	3:21.01
6:15.31	1986	JPN	HIKOJI UEKI	400	M.	FREE	CATHERINE KERR	CAN	1992	7:15.99
12:54.04	1986	JPN	HIKOJI UEKI	800	M.	FREE	MARIA LENK	BRA	1986	16:24.33
				1500	M.	FREE				
38.99	1992	HUN	BELA BANKIHORVATH	50	M.	BACK	BUNNY CEDERLUND	USA	1992	44.53
1:29.42	1992	USA	RAY TAFT	100	M.	BACK	BUNNY CEDERLUND	USA	1992	1:45.29
3:16.44	1992	USA	RAY TAFT	200	M.	BACK	BUNNY CEDERLUND	USA	1992	3:52.95
40.56	1990	FRG	WALTER MINNICH	50	M.	BRST	INGEBORG FRITZE	GER	1992	49.57
1:35.63	1992	GER	WALTER MINNICH	100	M.	BRST	BETTY CHRISTIAN	USA	1992	1:52.88
3:33.63	1988	USA	ALDO DA ROSA	200	M.	BRST	BETTY CHRISTIAN	USA	1992	4:06.80
37.59	1992	USA	ROGER HOLMES	50	M.	FLY	CATHERINE KERR	CAN	1992	46.55
1:37.88	1992	USA	PAUL KRUP	100	M.	FLY	MARIA LENK	BRA	1986	2:05.84
3:43.54	1988	USA	ALDO DA ROSA	200	M.	FLY	MAXINE MERLINO	USA	1986	4:57.39
3:22.33	1988	USA	ALDO DA ROSA	200	M.	I.M.	CATHERINE KERR	CAN	1992	3:51.91
7:16.35	1988	USA	ALDO DA ROSA	400	M.	I.M.	EVA RAUNER	FRG	1990	8:33.57
***** MEN ***** 75-79 ***** WOMEN *****										
33.89	1988	USA	WOODROW BOWERSOCK	50	M.	FREE	UME WADA	JPN	1986	41.88
1:20.15	1988	USA	WOODROW BOWERSOCK	100	M.	FREE	UME WADA	JPN	1986	1:39.28
3:07.88	1992	PER	WALTER LEDGARD	200	M.	FREE	AUDREY ETIENNE	USA	1992	3:54.32
6:49.08	1992	GER	HEINZ ARENDT	400	M.	FREE	AUDREY ETIENNE	USA	1992	8:12.41
13:43.52	1992	GER	HEINZ ARENDT	800	M.	FREE	MARIA LENK	BRA	1990	17:05.41
				1500	M.	FREE				
42.24	1992	USA	ROBERT KNAPP	50	M.	BACK	MYRTLE WRIGHT	AUS	1986	51.07
1:35.40	1990	USA	EDWARD SHEA	100	M.	BACK	MARIA LENK	BRA	1992	1:57.28
3:29.38	1990	USA	EDWARD SHEA	200	M.	BACK	MARIA LENK	BRA	1992	4:14.54
42.68	1990	JPN	HIMORU YOSHIMOTO	50	M.	BRST	MIZZI BUTZBACH	FRG	1986	59.10
1:43.13	1992	USA	ANTON CERER	100	M.	BRST	MIZZI BUTZBACH	FRG	1986	2:07.86
3:44.97	1992	USA	ANTON CERER	200	M.	BRST	MIZZI BUTZBACH	FRG	1986	4:36.72
44.76	1992	USA	ROBERT KNAPP	50	M.	FLY	MARIA LENK	BRA	1990	57.22
1:39.80	1992	USA	ANTON CERER	100	M.	FLY	KAY SCHIMPF	USA	1992	2:29.49
3:43.56	1992	USA	ANTON CERER	200	M.	FLY	ANNE WILDER	USA	1992	5:59.57
3:32.73	1992	USA	ANTON CERER	200	M.	I.M.	MARIA LENK	BRA	1990	4:26.56
7:33.32	1992	USA	ANTON CERER	400	M.	I.M.	KAY SCHIMPF	USA	1992	10:33.95
***** MEN ***** 80-84 ***** WOMEN *****										
38.47	1988	AUS	FRANK GRIFFITHS	50	M.	FREE	JULIA DOLCE	USA	1992	51.66
1:31.43	1988	AUS	FRANK GRIFFITHS	100	M.	FREE	V.CHERRIMAN	GBR	1988	2:01.37



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3:52.62	1992	USA	TEX ROBERTSON	200 M.	FREE	V.CHERRIMAN	GBR	1988	4:34.01
8:18.23	1992	USA	TEX ROBERTSON	400 M.	FREE	V.CHERRIMAN	GBR	1988	9:44.26
17:24.48	1992	USA	TEX ROBERTSON	800 M.	FREE	V.CHERRIMAN	GBR	1988	20:14.29
				1500 M.	FREE				
49.13	1992	JPN	SHOGORO AZUMA	50 M.	BACK	M.GOTTSCHALK	GER	1992	1:07.89
1:50.39	1992	USA	CHARLES SALIE	100 M.	BACK	JULIA DOLCE	USA	1992	2:31.45
3:58.25	1992	USA	CHARLES SALIE	200 M.	BACK	V.CHERRIMAN	GBR	1988	5:14.77
46.98	1992	GER	KARL WITTENBERG	50 M.	BRST	M.GOTTSCHALK	GER	1992	1:13.44
2:00.89	1988	JPN	KENOSUKE KOYAMA	100 M.	BRST	M.GOTTSCHALK	GER	1992	2:46.16
5:10.24	1988	JPN	SHOHEI YOSHIDA	200 M.	BRST	ELSA MATTILA	USA	1992	5:57.66
52.66	1992	USA	JESSE COON	50 M.	FLY	DOROTHY RIORDAN	USA	1992	2:01.51
2:21.97	1988	AUS	FRANK GRIFFITHS	100 M.	FLY	ELSA MATTILA	USA	1992	3:02.05
5:14.40	1988	AUS	FRANK GRIFFITHS	200 M.	FLY	ELSA MATTILA	USA	1992	6:22.38
4:20.80	1988	AUS	FRANK GRIFFITHS	200 M.	I.M.	ELSA MATTILA	USA	1992	5:37.82
9:47.72	1988	AUS	FRANK GRIFFITHS	400 M.	I.M.	ELSA MATTILA	USA	1992	11:57.70
***** MEN ***** 85-89 ***** WOMEN *****									
47.16	1992	USA	GUS LANGNER	50 M.	FREE	AILEEN SOULE	USA	1992	59.47
1:43.03	1988	USA	GUS LANGNER	100 M.	FREE	AILEEN SOULE	USA	1992	2:23.47
3:56.13	1988	USA	GUS LANGNER	200 M.	FREE	AILEEN SOULE	USA	1992	5:24.53
8:15.55	1988	USA	GUS LANGNER	400 M.	FREE	MARIAN MCKECHNIE	USA	1992	13:40.70
17:11.21	1988	USA	GUS LANGNER	800 M.	FREE				
				1500 M.	FREE				
1:02.53	1992	USA	MAXWELL VOGT	50 M.	BACK	AILEEN SOULE	USA	1992	58.68
2:22.52	1992	JPN	S FUKUWSTARI	100 M.	BACK	AILEEN SOULE	USA	1992	2:16.19
5:21.94	1992	USA	PETER JURCZYK	200 M.	BACK	AILEEN SOULE	USA	1992	4:57.37
58.96	1992	GER	F MEERWALD	50 M.	BRST	ELLA PECKHAM	USA	1988	3:29.77
2:36.30	1988	USA	GUS LANGNER	100 M.	BRST				
5:36.05	1988	USA	GUS LANGNER	200 M.	BRST				
				50 M.	FLY	ELLA PECKHAM	USA	1986	1:37.00
				100 M.	FLY				
				200 M.	FLY				
				200 M.	I.M.				
				400 M.	I.M.				
***** MEN ***** 90-94 ***** WOMEN *****									
2:17.68	1992	USA	ANTONIO LOPEZ	50 M.	FREE	VERA FERNANCE	AUS	1988	2:06.83
3:30.59	1992	USA	TOM LANE	100 M.	FREE	VERA FERNANCE	AUS	1988	4:38.22
				200 M.	FREE				
				400 M.	FREE				
				800 M.	FREE				
				1500 M.	FREE				
2:10.52	1992	USA	ANTONIO LOPEZ	50 M.	BACK	VERA FERNANCE	AUS	1988	2:01.70
4:56.22	1992	USA	ANTONIO LOPEZ	100 M.	BACK	VERA FERNANCE	AUS	1988	3:59.89
10:26.45	1992	USA	ANTONIO LOPEZ	200 M.	BACK				
2:39.54	1992	USA	TOM LANE	50 M.	BRST				
				100 M.	BRST				
				200 M.	BRST				
				50 M.	FLY				
				100 M.	FLY				
				200 M.	FLY				
				200 M.	I.M.				
				400 M.	I.M.				
***** MEN ***** 95-99 ***** WOMEN *****									
1:26.78	1992	USA	TOM LANE	50 M.	FREE				
				100 M.	FREE				
				200 M.	FREE				
				400 M.	FREE				
				800 M.	FREE				
				1500 M.	FREE				
1:29.88	1992	USA	TOM LANE	50 M.	BACK				
3:19.14	1992	USA	TOM LANE	100 M.	BACK				
				200 M.	BACK				
				50 M.	BRST				
				100 M.	BRST				
				200 M.	BRST				
				50 M.	FLY				
				100 M.	FLY				
				200 M.	FLY				



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				200 M. I.M.				
				400 M. I.M.				
*****	MEN	*****	100-104	*****	W O M E N	*****		
				50 M. FREE				
				100 M. FREE				
				200 M. FREE				
				400 M. FREE				
				800 M. FREE				
				1500 M. FREE				
				50 M. BACK				
				100 M. BACK				
				200 M. BACK				
				50 M. BRST				
				100 M. BRST				
				200 M. BRST				
				50 M. FLY				
				100 M. FLY				
				200 M. FLY				
				200 M. I.M.				
				400 M. I.M.				
*****	RELAY 200 M.	FREE - WOMEN	*****	*****	RELAY 200 M. MEDLEY - WOMEN	*****		
100-119	LUMBER-JAX	USA	1988 1:54.23	100-119	LUMBER-JAX	USA	1988 2:10.52	
120-159	LUMBER-JAX	USA	1988 1:53.56	120-159	LUMBER-JAX	USA	1988 2:08.21	
160-199	LUMBER-JAX	USA	1988 2:03.49	160-199 RMM	USA	1992 2:15.86		
				SHARON LAHEY		CATHY DROZDA		
				JUDY REED		MARCY BULLOCK		
200-239	HOLMES LUMBER	USA	1990 2:13.96	200-239	NEUK	GER	1992 2:27.18	
				BRIGITTE MERTEN		MONIKA SENFTLEBEN		
				HEIDI KAMPSCHULTE		MARGA SCHULZE		
240-279	LUMBER-JAX	USA	1988 2:28.24	240-279	LUMBER-JAX A	USA	1988 2:51.82	
280-319	LUMBER-JAX	USA	1988 3:09.01	280-319	LUMBER-JAX	USA	1988 3:41.70	
*****	RELAY 200 M.	FREE - M E N	*****	*****	RELAY 200 M. MEDLEY - M E N	*****		
100-119	C.R.FLAMENGO	BRA	1990 1:37.40	100-119	LUMBER-JAX	USA	1988 1:49.96	
120-159	LONE STAR	USA	1986 1:37.43	120-159	LUMBER-JAX	USA	1988 1:50.51	
160-199	HOLMES LUMBER	USA	1990 1:39.27	160-199	HOLMES LUMBER	USA	1990 1:54.57	
200-239	TOC	USA	1992 1:47.65	200-239	TOC	USA	1992 2:00.25	
		ROBERT STRAND	DONALD HILL			JAMES BEGLINGER		ROBERT STRAND
		JAMES ELDER	BOB MOMSEN			STEVE CLARK		DONALD HILL
240-279	GOST	USA	1992 1:58.54	240-279	LUMBER-JAX	USA	1988 2:21.34	
		THOMAS OLANDER	SID HALL					
		KEITH CARTER	JOHN FLORANCE					
280-319	LAM	USA	1992 2:10.75	280-319	LAM	USA	1992 2:34.77	
		JOHN RICHARDS	JAY CRADDOCK			JACK MCCANN		JOHN RICHARDS
		JACK MCCANN	HUGH RICHARDS			HUGH RICHARDS		JAY CRADDOCK
*****	RELAY 200 M.	FREE - MIXED	*****	*****	RELAY 200 M. MEDLEY - MIXED	*****		
100-119	LUMBER-JAX	USA	1988 1:43.89	100-119	LUMBER-JAX	USA	1988 1:57.06	
120-159	LUMBER-JAX	USA	1988 1:44.83	120-159	LUMBER-JAX	USA	1988 2:00.97	



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160-199 RMM CATHY DROZDA TOM WHATLEY	USA	1992	1:47.46	160-199 LUMBER-JAX	USA	1988	2:02.10
200-239 HOLMES LUMBER	USA	1990	2:00.92	200-239 BSEN IMRE NYEKI	HUN	1992	2:15.65
240-279 LUMBER-JAX A	USA	1988	2:09.67	MARTA EGERVARY 240-279 HOLMES LUMBER	USA	1990	2:31.71
280-319 SAN MATEO	USA	1988	2:36.51	280-319 S.CALIFORNIA	USA	1986	3:03.75