



FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 2003

Table with columns for rank, name, country, time, name, country, time, name, country, time. Includes categories like WOMEN 25-29, 100 M. FREE, and WOMEN 30-34.



FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 2003

Table with 10 columns: Rank, Name, Country, Age Group, Time, Name, Country, Age Group, Time, Name, Country, Age Group, Time. Lists top 10 swimmers for various age groups (100m, 200m, 400m, 50m, 100m, 200m, 400m, 50m, 100m, 200m, 400m, 50m).



FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 2003

Table of swimming results for the FINA World Masters Top 10 - Short Course Meters 2003. The table lists 100 entries, each with a time, name, and country. The entries are organized into two columns of 50 rows each. The first column lists times from 2:17.55 to 5:25.80. The second column lists times from 1:06.31 to 32.74. The table includes names of swimmers and their respective countries, such as SHIZUKO HIRAISHI (JPN), DIANA MCDONOUGH (USA), and SARAH MACDONALD (CAN).





FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 2003

|             |                   |     |              |                   |     |             |                  |     |                                |
|-------------|-------------------|-----|--------------|-------------------|-----|-------------|------------------|-----|--------------------------------|
| 1:12.95     | ANGELA ZINGLER    | GER | 2:30.86      | YURI SUETSUGU     | JPN | 40.62       | CATHY MERRITT    | CAN | 400 M. I.M.                    |
| 1:13.70     | SUSAN SKIFF       | ITA | 2:32.84      | ANNE LABORWIT     | USA | 40.83       | DIANE ROTHENBERG | USA | 5:51.84 LAURA VACA MEX         |
| 1:13.80     | S HEIM-BOWEN      | USA | 2:34.55      | CONNY BOER-BUIJS  | NED | 40.86       | ANNETTE THATCHER | GBR | 6:03.37 BARBARA DUNBAR USA     |
| 1:14.24     | COLETTE CRABBE    | USA | 2:36.06      | PRISCILL KAWAKAMI | USA | 100 M. BRST |                  |     | 6:05.59 KATHI LINDSTROM USA    |
| 1:14.36     | LINDA PHILLIPS    | GBR | 2:36.31      | MARGARETA RAINER  | SWE | 1:22.53     | PETRA SCHROER    | GER | 6:11.29 ULRIKE URBANIAK GER    |
| 200 M. FLY  |                   |     | 2:37.16      | CHRISTIE CIRAULO  | USA | 1:24.17     | DANIELLE OGIER   | USA | 6:14.57 SUE HAIGH GBR          |
| 2:35.17     | JENNY WHITELEY    | AUS | 400 M. FREE  |                   |     | 1:24.20     | ULRIKE URBANIAK  | GER | 6:22.81 CHRISTIE CIRAULO USA   |
| 2:41.17     | MARGARET SMITH    | GBR | 4:45.72      | LAURA VAL         | USA | 1:24.89     | JENNIFER MERRITT | GBR | 6:28.87 PRISCILL KAWAKAMI USA  |
| 2:42.19     | COLETTE CRABBE    | USA | 5:57.03      | PAULINE INWOOD    | GBR | 1:25.04     | REGULA STEIGER   | SUI | 6:31.40 S LEE-SHERIDAN USA     |
| 2:46.25     | ESTHER ISEPPI     | SUI | 5:02.75      | BARBARA DUNBAR    | USA | 1:25.53     | DEB WALKER       | USA | 6:41.00 S.MORCHE-BLOCH GER     |
| 2:50.93     | FERNANDA PRADO    | BRA | 5:07.43      | LAURA VACA        | MEX | 1:28.18     | CATHY MERRITT    | CAN | 6:42.79 CATHY MANCINO USA      |
| 2:51.14     | HARUMI SUGINUMA   | JPN | 5:18.22      | CHRISTIE CIRAULO  | USA | 1:29.96     | DIANE ROTHENBERG | USA |                                |
| 2:52.31     | SUSAN SKIFF       | ITA | 5:20.07      | KATHI LINDSTROM   | USA | 1:30.39     | ANNETTE THATCHER | GBR | *****                          |
| 2:52.47     | PATRICIA THOMAS   | USA | 5:21.56      | DOT MUNGER        | USA | 1:30.49     | JANE HARPER      | USA | *****                          |
| 2:53.63     | LAURIE ALIOTO     | USA | 5:23.51      | MARGARETA RAINER  | SWE | 200 M. BRST |                  |     | *****                          |
| 2:59.58     | M PUJALETDEVITT   | USA | 5:23.69      | ANNE LABORWIT     | USA | 2:57.49     | ULRIKE URBANIAK  | GER | 50 M. FREE                     |
| 100 M. I.M. |                   |     | 5:23.88      | PRISCILL KAWAKAMI | USA | 3:03.29     | DANIELLE OGIER   | USA | 31.63 F WILLIAMSON USA         |
| 1:09.68     | JENNY WHITELEY    | AUS | 800 M. FREE  |                   |     | 3:03.68     | JENNIFER MERRITT | GBR | 31.64 JUDY WILSON GBR          |
| 1:12.66     | ROBIN PARISI      | USA | 9:50.53      | LAURA VAL         | USA | 3:06.87     | DEB WALKER       | USA | 32.45 DEBORAH BARTON GBR       |
| 1:13.77     | JUDY WOODWARD     | CAN | 10:21.03     | LAURA VACA        | MEX | 3:11.29     | CATHY MERRITT    | CAN | 32.46 BITTE AXLING SWE         |
| 1:14.84     | GAYLE WETTACH     | USA | 10:21.47     | BARBARA DUNBAR    | USA | 3:13.99     | DIANE ROTHENBERG | USA | 32.81 JUDY ALDEN GBR           |
| 1:15.03     | MELINDA MANN      | USA | 10:38.79     | KATHI LINDSTROM   | USA | 3:16.87     | KAY GRAHAM       | AUS | 32.88 MARGARETA BRASK SWE      |
| 1:15.85     | COLETTE CRABBE    | USA | 10:40.76     | CHRISTIE CIRAULO  | USA | 3:19.14     | S.MORCHE-BLOCH   | GER | 33.22 JULIE CRAYFORD GBR       |
| 1:15.91     | ATIE PIJTAK       | NED | 11:04.85     | MARGARETA RAINER  | SWE | 3:19.36     | REGULA STEIGER   | SUI | 33.31 SUSANA BARKLEY ESP       |
| 1:15.96     | AMANDA HEATH      | GBR | 11:08.98     | CLAUDIA KOCH      | GER | 3:19.43     | ANNE CORK        | GBR | 33.38 YASUKO SOGA JPN          |
| 1:15.98     | DEBBIE CAVANAUGH  | USA | 11:14.63     | PRISCILL KAWAKAMI | USA | 50 M. FLY   |                  |     | 33.56 TOMIYO IWAI JPN          |
| 1:16.40     | LEIANN CRITTENDEN | USA | 11:23.80     | SUE HAIGH         | GBR | 31.77       | LAURA VAL        | USA | 100 M. FREE                    |
| 200 M. I.M. |                   |     | 11:34.53     | CARMEN CORRES     | ESP | 32.43       | JOEL FELDMANN    | USA | 1:08.70 F WILLIAMSON USA       |
| 2:34.02     | JENNY WHITELEY    | AUS | 1500 M. FREE |                   |     | 32.81       | CHRISTIE CIRAULO | USA | 1:09.59 JUDY WILSON GBR        |
| 2:41.63     | ATIE PIJTAK       | NED | 19:19.67     | LAURA VAL         | USA | 33.23       | CONNY BOER-BUIJS | NED | 1:10.34 DEBORAH BARTON GBR     |
| 2:42.83     | CINDY LEE         | USA | 19:37.21     | BARBARA DUNBAR    | USA | 33.49       | M.RICHTHOFEN     | CAN | 1:11.51 CAROL FELLOWS GBR      |
| 2:43.61     | AMANDA HEATH      | GBR | 20:22.38     | CHRISTIE CIRAULO  | USA | 33.55       | EVIE LYNCH       | USA | 1:13.41 MARGARETA BRASK SWE    |
| 2:43.77     | ESTHER ISEPPI     | SUI | 20:24.24     | KATHI LINDSTROM   | USA | 34.16       | COLNY TUCKER     | USA | 1:13.78 JUDY ALDEN GBR         |
| 2:44.78     | BIRGIT HEINIG     | GER | 21:22.55     | SHERRY KITTRELL   | USA | 34.34       | DEBBIE GLASSMAN  | USA | 1:14.82 MARCIA BARRY USA       |
| 2:45.16     | DEBBIE CAVANAUGH  | USA | 21:26.99     | CLAUDIA KOCH      | GER | 34.36       | C.NIEUWENHUIS    | NED | 1:14.90 ESTHER HOLDSHTEIN ISR  |
| 2:45.94     | EDIE FISHER       | CAN | 21:50.00     | SUSAN HAIGH       | GBR | 34.55       | YOSHIKO KADOSAKA | JPN | 1:15.90 YVONNE LEONOV ISR      |
| 2:46.60     | SUSAN SKIFF       | ITA | 21:57.24     | MARGARETA RAINER  | SWE | 100 M. FLY  |                  |     | 1:16.07 JOANNE MENARD USA      |
| 2:47.12     | HARUMI SUGINUMA   | JPN | 22:10.43     | CARMEN CORRES     | ESP | 1:09.24     | LAURA VAL        | USA | 200 M. FREE                    |
| 400 M. I.M. |                   |     | 22:12.60     | ELIZAB DESCHENES  | USA | 1:15.25     | CHRISTIE CIRAULO | USA | 2:32.29 F WILLIAMSON USA       |
| 5:28.91     | JENNY WHITELEY    | AUS | 50 M. BACK   |                   |     | 1:16.24     | LIZ RUTHERFORD   | GBR | 2:36.14 BRIGITTE MERTEN GER    |
| 5:43.93     | ESTHER ISEPPI     | SUI | 33.19        | LAURA VAL         | USA | 1:18.20     | BARBARA DUNBAR   | USA | 2:38.11 DEBORAH BARTON GBR     |
| 5:43.99     | S HEIM-BOWEN      | USA | 34.73        | JOEL FELDMANN     | USA | 1:18.36     | M.NEUMEISTER     | GER | 2:39.41 CAROL FELLOWS GBR      |
| 5:44.92     | AMANDA HEATH      | GBR | 35.76        | ANN GUINS         | USA | 1:20.20     | DEBBIE GLASSMAN  | USA | 2:41.90 ESTHER HOLDSHTEIN ISR  |
| 5:59.44     | LAURIE ALIOTO     | USA | 36.01        | EVIE LYNCH        | USA | 1:20.34     | CLAUDIA KOCH     | GER | 2:43.27 MARCIA BARRY USA       |
| 5:59.62     | DEBBIE CAVANAUGH  | USA | 36.38        | BENEDICTE DUPREZ  | FRA | 1:20.39     | YURI SUETSUGU    | JPN | 2:44.73 JUDY ALDEN GBR         |
| 6:04.14     | PATRICIA THOMAS   | USA | 37.06        | K.TUNNICLIFFE     | GBR | 1:21.89     | KAY GRAHAM       | AUS | 2:45.88 YVONNE LEONOV ISR      |
| 6:06.79     | BIRGIT HEINIG     | GER | 37.19        | KARLEN TREBESINER | USA | 1:23.88     | MICHIKO OTO      | JPN | 2:47.38 DIANE BOCKTISCH AUS    |
| 6:07.04     | HARUMI SUGINUMA   | JPN | 37.44        | TAKAKO NAKAHARA   | JPN | 200 M. FLY  |                  |     | 2:48.34 JACKIE QUATTRO USA     |
| 6:07.46     | TRACI GRANGER     | USA | 37.50        | MARAG BROMFIELD   | RSA | 2:49.36     | M.NEUMEISTER     | GER | 400 M. FREE                    |
| *****       |                   |     | 37.79        | DIANE WHITE       | GBR | 2:49.83     | BARBARA DUNBAR   | USA | 5:22.59 F WILLIAMSON USA       |
| *****       |                   |     | 100 M. BACK  |                   |     | 2:59.35     | CHRISTIE CIRAULO | USA | 5:38.81 JULIE CRAYFORD GBR     |
| *****       |                   |     | *****        |                   |     | 3:01.81     | CLAUDIA KOCH     | GER | 5:41.47 DEBORAH BARTON GBR     |
| *****       |                   |     | *****        |                   |     | 3:02.58     | SUE HAIGH        | GBR | 5:47.96 MARCIA BARRY USA       |
| *****       |                   |     | *****        |                   |     | 3:06.05     | CATHY MANCINO    | USA | 5:52.09 KATHY SLIFER USA       |
| *****       |                   |     | *****        |                   |     | 3:07.47     | C.NIEUWENHUIS    | NED | 5:56.20 SUSANA BARKLEY ESP     |
| *****       |                   |     | *****        |                   |     | 3:11.92     | KRIS WINGENROTH  | USA | 5:58.32 SUSAN GUSTAVISON CAN   |
| *****       |                   |     | *****        |                   |     | 3:12.86     | S.MORCHE-BLOCH   | GER | 5:59.72 M ELAINE BLOWER GBR    |
| *****       |                   |     | *****        |                   |     | 3:13.83     | MICHIKO OTO      | JPN | 6:01.18 MARGARETA BRASK SWE    |
| *****       |                   |     | *****        |                   |     | 100 M. I.M. |                  |     | 6:02.25 ANGELIKA RADAU GER     |
| *****       |                   |     | *****        |                   |     | 1:12.50     | LAURA VAL        | USA | 800 M. FREE                    |
| *****       |                   |     | *****        |                   |     | 1:13.52     | DANIELLE OGIER   | USA | 11:30.56 F WILLIAMSON USA      |
| *****       |                   |     | *****        |                   |     | 1:17.20     | JOEL FELDMANN    | USA | 11:34.21 JULIE CRAYFORD GBR    |
| *****       |                   |     | *****        |                   |     | 1:18.09     | CATHY MERRITT    | CAN | 11:39.82 MARCIA BARRY USA      |
| *****       |                   |     | *****        |                   |     | 1:18.51     | EVIE LYNCH       | USA | 12:00.14 SUSANA BARKLEY ESP    |
| *****       |                   |     | *****        |                   |     | 1:21.18     | K TUNNICLIFFE    | GBR | 12:13.26 M ELAINE BLOWER GBR   |
| *****       |                   |     | *****        |                   |     | 1:21.66     | DEB WALKER       | USA | 12:16.17 JACKIE QUATTRO USA    |
| *****       |                   |     | *****        |                   |     | 1:22.21     | DIANE ROTHENBERG | USA | 12:20.17 KATHRINE CASEY USA    |
| *****       |                   |     | *****        |                   |     | 1:22.94     | DIANE WHITE      | GBR | 12:20.18 TAEKO IKEDA JPN       |
| *****       |                   |     | *****        |                   |     | 1:23.02     | PETRA SCHROER    | GER | 12:27.23 SUSAN GUSTAVISON CAN  |
| *****       |                   |     | *****        |                   |     | 200 M. I.M. |                  |     | 12:27.40 MARY POHLMANN USA     |
| *****       |                   |     | *****        |                   |     | 2:39.36     | LAURA VAL        | USA | 1500 M. FREE                   |
| *****       |                   |     | *****        |                   |     | 2:40.04     | DANIELLE OGIER   | USA | 21:52.77 JULIE CRAYFORD GBR    |
| *****       |                   |     | *****        |                   |     | 2:46.27     | LAURA VACA       | MEX | 21:56.12 MARCIA BARRY USA      |
| *****       |                   |     | *****        |                   |     | 2:56.35     | CATHY MERRITT    | CAN | 22:07.35 F WILLIAMSON USA      |
| *****       |                   |     | *****        |                   |     | 2:57.83     | BARBARA DUNBAR   | USA | 22:37.30 SUSANA BARKLEY ESP    |
| *****       |                   |     | *****        |                   |     | 2:59.42     | CHRISTIE CIRAULO | USA | 22:47.27 LINDA SHOENBERGER USA |
| *****       |                   |     | *****        |                   |     | 3:05.58     | S LEE-SHERIDAN   | USA | 22:54.46 KATHRINE CASEY USA    |
| *****       |                   |     | *****        |                   |     | 3:05.61     | M.JANNEYN        | FRA | 22:56.13 JACKIE QUATTRO USA    |
| *****       |                   |     | *****        |                   |     | 3:06.25     | MIRA GUGLIELMI   | ITA | 23:39.90 RITSUKO KUROSAWA JPN  |
| *****       |                   |     | *****        |                   |     | 3:06.46     | KAZUE OZAKI      | JPN | 23:56.45 SUSAN GUSTAVISON CAN  |



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|             |                   |     |             |                   |     |              |                   |     |             |                   |     |
|-------------|-------------------|-----|-------------|-------------------|-----|--------------|-------------------|-----|-------------|-------------------|-----|
| 24:06.45    | MARGARETA BRASK   | SWE | 1:21.34     | SUSANA BARKLEY    | ESP | 2:39.96      | JACKIE MARR       | USA | 41.54       | ELAINE BROMWICH   | GBR |
| 50 M. BRST  |                   |     | 1:22.24     | SHERRY PUTHOFF    | USA | 2:48.60      | SILVANA ABREU     | BRA | 41.96       | DIANE FORD        | GBR |
| 35.15       | DEBORAH BARTON    | GBR | 1:24.89     | JULIE CRAYFORD    | GBR | 2:48.90      | CHRISTEL SCHULZ   | GER | 43.84       | ROTRAUD PALMER    | GBR |
| 36.10       | MARGIT OHLSSON    | SWE | 1:26.69     | SUSAN TYLER       | USA | 2:51.17      | BONNIE PRONK      | CAN | 44.26       | MONIKA WARNUSZ    | GER |
| 36.13       | MICHIKO KIHARA    | JPN | 1:28.28     | KEIKO HONDA       | JPN | 2:51.55      | PENNY WEBSTER     | GBR | 44.91       | KAZUKO KAJIWARA   | JPN |
| 37.85       | YVONNE LEONOV     | ISR | 1:29.01     | RITSUKO KUROSAWA  | JPN | 2:54.35      | DOREEN GORDON     | GBR | 45.40       | LUISE KNOPFLE     | GER |
| 38.24       | LYNNE TANNER      | GBR | 1:30.46     | PATRICIA JACKSON  | GBR | 2:55.19      | IKUKO OKADO       | JPN | 45.75       | ROSEMARIE PAPKE   | GER |
| 39.22       | YOKO NAKAMURA     | JPN | 1:30.49     | GINGER PIERSON    | USA | 2:56.81      | ANN URQUHART      | CAN | 45.81       | BARBRO FLODSTROM  | SWE |
| 40.19       | SUSIE BRESLIN     | GBR | 1:30.61     | NOBUKO YASUDA     | JPN | 2:56.91      | NANCY RIDOUT      | USA | 100 M. BRST |                   |     |
| 40.49       | KYOKO NAITO       | JPN | 200 M. FLY  |                   |     | 2:57.20      | KAZUKO ITO        | JPN | 1:27.40     | BONNIE PRONK      | CAN |
| 40.83       | MARY POHLMANN     | USA | 3:07.69     | JUDY WILSON       | GBR | 400 M. FREE  |                   |     | 1:28.52     | HANNELORE ROSE    | GER |
| 41.12       | F WILLIAMSON      | USA | 3:11.97     | JULIE CRAYFORD    | GBR | 5:27.75      | JACKIE MARR       | USA | 1:31.63     | DIANE FORD        | GBR |
| 100 M. BRST |                   |     | 3:16.34     | GINGER PIERSON    | USA | 5:53.58      | PENNY WEBSTER     | GBR | 1:32.80     | MONIKA SENFTLEBEN | GER |
| 1:19.37     | MARGIT OHLSSON    | SWE | 3:19.79     | KEIKO HONDA       | JPN | 5:54.74      | BONNIE PRONK      | CAN | 1:32.84     | ELAINE BROMWICH   | GBR |
| 1:19.47     | DEBORAH BARTON    | GBR | 3:21.07     | HARRIET BURE      | SWE | 5:59.09      | SILVANA ABREU     | BRA | 1:33.31     | JOANN LEILICH     | USA |
| 1:23.01     | YVONNE LEONOV     | ISR | 3:21.34     | RITSUKO KUROSAWA  | JPN | 6:09.60      | DOREEN GORDON     | GBR | 1:35.43     | LUISE KNOPFLE     | GER |
| 1:25.43     | BRIGITTE MERTEN   | GER | 3:22.52     | PATRICIA JACKSON  | GBR | 6:16.09      | JANE KATZ         | USA | 1:36.27     | MONIKA WARNUSZ    | GER |
| 1:25.96     | SUSIE BRESLIN     | GBR | 3:37.40     | KATHRINE CASEY    | USA | 6:16.21      | NANCY RIDOUT      | USA | 1:40.04     | CHRISTEL EDELING  | GER |
| 1:25.97     | LYNNE TANNER      | GBR | 3:40.45     | BARBARA LARSEN    | USA | 6:20.16      | KAZUKO ITO        | JPN | 1:40.97     | ROSEMARIE PAPKE   | GER |
| 1:27.34     | KATHY SLIFER      | USA | 3:41.80     | JUANITA PREBBLE   | CAN | 6:22.79      | LYNNE LUND        | USA | 200 M. BRST |                   |     |
| 1:28.88     | MARY POHLMANN     | USA | 100 M. I.M. |                   |     | 6:30.35      | ANN URQUHART      | CAN | 3:10.68     | BONNIE PRONK      | CAN |
| 1:29.11     | F WILLIAMSON      | USA | 1:20.00     | YVONNE LEONOV     | ISR | 800 M. FREE  |                   |     | 3:11.70     | HANNELORE ROSE    | GER |
| 1:30.28     | KATHRINE CASEY    | USA | 1:21.14     | SHERRY PUTHOFF    | USA | 11:45.61     | JACKIE MARR       | USA | 3:19.46     | DIANE FORD        | GBR |
| 200 M. BRST |                   |     | 1:23.14     | DEBORAH BARTON    | GBR | 12:01.84     | BONNIE PRONK      | CAN | 3:20.33     | JOANN LEILICH     | USA |
| 2:58.08     | DEBORAH BARTON    | GBR | 1:23.66     | DALE BARNHARD     | USA | 12:23.71     | PENNY WEBSTER     | GBR | 3:20.65     | ELAINE BROMWICH   | GBR |
| 3:06.15     | SUSIE BRESLIN     | GBR | 1:23.97     | MARGIT OHLSSON    | SWE | 12:27.72     | KAZUKO ITO        | JPN | 3:22.65     | MONIKA SENFTLEBEN | GER |
| 3:07.71     | MARY POHLMANN     | USA | 1:24.39     | JULIE CRAYFORD    | GBR | 12:29.13     | SILVANA ABREU     | BRA | 3:23.82     | LUISE KNOPFLE     | GER |
| 3:10.41     | MARCIA BARRY      | USA | 1:24.53     | CAROL FELLOWS     | GBR | 12:35.07     | JANE KATZ         | USA | 3:30.47     | MONIKA WARNUSZ    | GER |
| 3:10.49     | BRIGITTE MERTEN   | GER | 1:25.63     | SUSANA BARKLEY    | ESP | 12:57.54     | M.DI-CESARE       | NZL | 3:39.47     | CHIZUKO TAKAI     | JPN |
| 3:10.62     | KATHRINE CASEY    | USA | 1:26.13     | GINGER PIERSON    | USA | 13:00.75     | ANN URQUHART      | CAN | 3:39.68     | CHRISTEL EDELING  | GER |
| 3:12.64     | M ELAINE BLOWER   | GBR | 1:26.24     | GLENDA ADAMS      | GBR | 13:25.85     | JUDITH VAN BERKEL | NED | 50 M. FLY   |                   |     |
| 3:18.98     | SUSAN YEOMANS     | USA | 200 M. I.M. |                   |     | 13:34.30     | ERDA DILLINGER    | CAN | 36.45       | MICHIE DOI        | JPN |
| 3:19.93     | JEANNIE MITCHELL  | USA | 3:02.06     | JULIE CRAYFORD    | GBR | 1500 M. FREE |                   |     | 36.95       | JOY WARD          | USA |
| 3:21.04     | SUSAN GUSTAVISON  | CAN | 3:03.93     | MARGIT OHLSSON    | SWE | 21:33.34     | JACKIE MARR       | USA | 37.09       | SARAH KOPSKY      | USA |
| 50 M. BRST  |                   |     | 3:04.11     | YVONNE LEONOV     | ISR | 22:59.19     | BONNIE PRONK      | CAN | 37.15       | CHRISTEL SCHULZ   | GER |
| 39.35       | DALE BARNHARD     | USA | 3:06.18     | SUSANA BARKLEY    | ESP | 23:51.07     | SARAH KOPSKY      | USA | 37.38       | SILVANA ABREU     | BRA |
| 40.27       | GINGER PIERSON    | USA | 3:11.32     | MICHIKO MOTEGI    | JPN | 23:56.60     | JANE KATZ         | USA | 38.77       | BONNIE PRONK      | CAN |
| 40.56       | JULIE CRAYFORD    | GBR | 3:11.44     | RITSUKO KUROSAWA  | JPN | 24:18.68     | KAZUKO ITO        | USA | 40.24       | LYNNE LUND        | USA |
| 40.83       | JUDY ALDEN        | GBR | 3:12.21     | LYNNE TANNER      | GBR | 24:34.44     | M.DI-CESARE       | NZL | 40.69       | DIANE FORD        | GBR |
| 41.85       | KAYAKO HIROSE     | JPN | 3:13.83     | GINGER PIERSON    | USA | 25:01.86     | LYNNE LUND        | USA | 40.81       | RENATE ZSCHOCKELT | GER |
| 41.96       | YVONNE LEONOV     | ISR | 3:15.15     | MARCIA BARRY      | USA | 25:05.37     | ANN URQUHART      | CAN | 41.08       | SUSAN MEYERS      | USA |
| 42.16       | VERA LUCIA SASSE  | BRA | 3:17.64     | KEIKO UESUGI      | JPN | 25:41.92     | JUDITH VAN BERKEL | NED | 100 M. FLY  |                   |     |
| 42.51       | YVONNE CATTRALL   | CAN | 400 M. I.M. |                   |     | 25:57.67     | YURI OIKAWA       | JPN | 1:28.78     | BONNIE PRONK      | CAN |
| 42.78       | SHIZUKA HATTORI   | JPN | 6:17.37     | JULIE CRAYFORD    | GBR | 50 M. BRST   |                   |     | 1:31.65     | JACKIE MARR       | USA |
| 42.83       | VLASTA OEHL       | GER | 6:46.11     | RITSUKO KUROSAWA  | JPN | 36.99        | SILVANA ABREU     | BRA | 1:38.94     | LYNNE LUND        | USA |
| 100 M. BRST |                   |     | 6:47.81     | KATHY SLIFER      | USA | 38.03        | HIROMI SATO       | JPN | 1:39.03     | JOY WARD          | USA |
| 1:26.33     | DALE BARNHARD     | USA | 6:52.46     | KATHRINE CASEY    | USA | 39.67        | BONNIE PRONK      | CAN | 1:39.61     | YOKO UOZU         | JPN |
| 1:27.95     | GINGER PIERSON    | USA | 6:52.85     | LYNNE TANNER      | GBR | 40.46        | MA ROSARIO NIETO  | MEX | 1:40.79     | M.HELENA PADILLA  | BRA |
| 1:31.06     | JULIE CRAYFORD    | GBR | 6:56.23     | MARY POHLMANN     | USA | 40.50        | CHRISTEL SCHULZ   | GER | 1:42.77     | REIKO NAGASAKU    | JPN |
| 1:33.06     | VLASTA OEHL       | GER | 6:56.33     | GINGER PIERSON    | USA | 40.65        | UTE LANGE         | GER | 1:43.92     | GEORGINA HAMILTON | GBR |
| 1:33.82     | KAYAKO HIROSE     | JPN | 7:00.25     | PATRICIA JACKSON  | GBR | 40.90        | RENATE ZSCHOCKELT | GER | 1:44.51     | M. TUCCI          | ITA |
| 1:33.86     | YOSHIE OGASAWARA  | JPN | 7:03.00     | MARGIT OHLSSON    | SWE | 41.15        | JACKIE MARR       | USA | 1:44.65     | AKEMI NISHII      | JPN |
| 1:34.13     | BARBARA GOLTZ     | USA | 7:07.04     | SUSAN YEOMANS     | USA | 41.69        | JOY WARD          | USA | 200 M. FLY  |                   |     |
| 1:34.24     | MARGOT PETTIJOHN  | USA |             |                   |     | 41.80        | BARBARA FRID      | USA | 3:24.49     | BONNIE PRONK      | CAN |
| 1:34.31     | ANNEGRET VOLCKER  | GER | *****       |                   |     | 100 M. BRST  |                   |     | 3:32.66     | JACKIE MARR       | USA |
| 1:35.12     | ESTHER HOLDSHTEIN | ISR | *****       | WOMEN 60-64       |     | 1:21.06      | SATOKO TAKEUJI    | JPN | 3:39.87     | LYNNE LUND        | USA |
| 200 M. BRST |                   |     | *****       |                   |     | 1:25.61      | BONNIE PRONK      | CAN | 3:42.06     | REIKO NAGASAKU    | JPN |
| 3:12.18     | DALE BARNHARD     | USA | 50 M. FREE  |                   |     | 1:26.00      | SILVANA ABREU     | BRA | 3:44.87     | GEORGINA HAMILTON | GBR |
| 3:17.38     | JULIE CRAYFORD    | GBR | 32.15       | CHRISTEL SCHULZ   | GER | 1:27.06      | JACKIE MARR       | USA | 3:45.75     | M.HELENA PADILLA  | BRA |
| 3:17.54     | GINGER PIERSON    | USA | 32.92       | JACKIE MARR       | USA | 1:27.98      | CHRISTEL SCHULZ   | GER | 3:51.12     | CHIZUKO TAKAI     | JPN |
| 3:18.94     | YOSHIE OGASAWARA  | JPN | 33.13       | SATOKO KAWATA     | JPN | 1:30.56      | JOY WARD          | USA | 3:53.56     | SUSAN MEYERS      | USA |
| 3:23.23     | MARGOT PETTIJOHN  | USA | 33.29       | KAYE BEER         | AUS | 1:30.98      | NORIKO YOSHIDA    | JPN | 4:03.06     | TOSHIKO NOBUTA    | JPN |
| 3:23.95     | TAMAE FURUYA      | JPN | 33.84       | NANCY RIDOUT      | USA | 1:32.25      | KAZUKO ITO        | JPN | 4:04.64     | CHRISTINA NEUMANN | CAN |
| 3:23.96     | RITSUKO KUROSAWA  | JPN | 34.16       | IKUKO OKADO       | JPN | 1:32.85      | JANE KATZ         | USA | 100 M. I.M. |                   |     |
| 3:24.88     | F WILLIAMSON      | USA | 34.30       | JOY WARD          | USA | 1:33.41      | DORIS HANNESEN    | GER | 1:23.10     | BONNIE PRONK      | CAN |
| 3:25.25     | ESTHER HOLDSHTEIN | ISR | 34.45       | JEAN HOWARD-JONES | GBR | 1:33.41      | SARAH KOPSKY      | USA | 1:24.91     | JACKIE MARR       | USA |
| 3:27.05     | KAYAKO HIROSE     | JPN | 34.59       | BONNIE PRONK      | CAN | 200 M. BRST  |                   |     | 1:25.59     | SILVANA ABREU     | BRA |
| 50 M. FLY   |                   |     | 34.93       | BETH SCHREINER    | USA | 2:57.96      | BONNIE PRONK      | CAN | 1:25.68     | CHRISTEL SCHULZ   | GER |
| 32.80       | JUDY WILSON       | GBR | 100 M. FREE |                   |     | 3:01.86      | JACKIE MARR       | USA | 1:27.41     | SATOKO KAWATA     | JPN |
| 33.85       | YVONNE LEONOV     | ISR | 1:12.39     | JACKIE MARR       | USA | 3:16.14      | JANE KATZ         | USA | 1:30.36     | JOY WARD          | USA |
| 35.81       | YASUKO SOGA       | JPN | 1:15.21     | CHRISTEL SCHULZ   | GER | 3:17.21      | KAZUKO ITO        | JPN | 1:30.78     | MONIKA SENFTLEBEN | GER |
| 36.01       | SUSANA BARKLEY    | ESP | 1:18.75     | KAYE BEER         | AUS | 3:18.41      | JOY WARD          | USA | 1:31.95     | BARBARA FRID      | USA |
| 36.21       | SUSAN TYLER       | USA | 1:19.32     | SATOKO KAWATA     | JPN | 3:23.28      | SUE POLLARD       | NZL | 1:32.33     | JUDITH VAN BERKEL | NED |
| 36.43       | JULIE CRAYFORD    | GBR | 1:19.47     | JEAN HOWARD-JONES | GBR | 3:23.38      | ROTRAUD PALMER    | GBR | 1:32.44     | DIANE FORD        | GBR |
| 36.45       | LYNNE TANNER      | GBR | 1:19.53     | M.DI-CESARE       | NZL | 3:25.28      | MICHIKO SHINOHARA | JPN | 200 M. I.M. |                   |     |
| 36.91       | GLENDA ADAMS      | GBR | 1:20.00     | BONNIE PRONK      | CAN | 3:27.65      | HERILENE FREITAS  | BRA | 3:03.22     | JACKIE MARR       | USA |
| 36.94       | HARRIET BURE      | SWE | 1:20.34     | DOREEN GORDON     | GBR | 3:29.34      | LYNNE LUND        | USA | 3:03.84     | BONNIE PRONK      | CAN |
| 37.39       | MACHIKO OGATA     | JPN | 1:20.81     | NANCY RIDOUT      | USA | 50 M. BRST   |                   |     | 3:18.70     | KAZUKO ITO        | JPN |
| 100 M. FLY  |                   |     | 1:20.82     | PENNY WEBSTER     | GBR | 39.85        | BONNIE PRONK      | CAN | 3:21.53     | JOY WARD          | USA |
| 1:16.00     | JUDY WILSON       | GBR | 200 M. FREE |                   |     | 41.44        | HANNELORE ROSE    | GER | 3:21.79     | RENATE ZSCHOCKELT | GER |



FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 2003

Table with 4 columns: Rank, Name, Country, Time. Lists top 10 swimmers in various categories including Men's 50m Free, Women's 65-69, and Women's 70-74.





FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 2003

Table with 4 columns: Rank, Name, Country, Time. Lists swimmers and their times for various events, including 1500 M. FREE, 50 M. BRST, and 200 M. FLY. Includes gender-specific sections for Women 75-79 and Women 80-84.



FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 2003

Table with 10 columns: Rank, Name, Country, Rank, Name, Country, Rank, Name, Country, Rank, Name, Country. Lists top 10 swimmers for various events in 2003.





FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 2003

Table with columns for time, name, and country. Includes categories like 3:21.00 DOROTHY WESTON GBR, 100 M. I.M., 3:06.08 DOROTHY WESTON GBR, 200 M. I.M., 6:25.12 MAXINE MERLINO USA, WOMEN 95-99, WOMEN 100-104, M E N 25-29, 50 M. FREE, 100 M. FREE, 1500 M. FREE.



FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 2003

Table with 4 columns: Rank, Name, Country, Time. Lists top 10 swimmers for various events including 28.31 HIDEAKI TOGO, 29.65 JONATHAN BANVILLE, etc.



FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 2003

|              |                   |     |             |                   |     |             |                   |     |              |                   |     |
|--------------|-------------------|-----|-------------|-------------------|-----|-------------|-------------------|-----|--------------|-------------------|-----|
| 53.39        | RICARDO SANTOS    | BRA | 2:22.35     | K.VAN OVERBEEKE   | NED | 1:03.29     | CRAIG NORREY      | GBR | 9:38.18      | BOB BUGG          | USA |
| 53.46        | DAVID BOATWRIGHT  | USA | 2:23.53     | UDO CHRISTIANSEN  | GER | 1:03.37     | PAOLO FELOTTI     | ITA | 9:38.20      | GLEN CHRISTIANSEN | SWE |
| 53.76        | EDWIN VAN NORDEN  | NED | 2:23.64     | ROGER WELLMAN     | GBR | 1:03.45     | PETER BERNDT      | USA | 9:38.77      | IAN MACDONALD     | CAN |
| 53.98        | THOMAS FAHRNER    | GER | 2:23.69     | CRAIG NORREY      | GBR | 200 M. I.M. |                   |     | 9:41.15      | MATTHEW KANZLER   | USA |
| 54.24        | GRAHAM WELBOURN   | CAN | 2:23.82     | BRAD ROBY         | USA | 2:13.33     | DAVE TOWN         | CAN | 1500 M. FREE |                   |     |
| 54.60        | CRAIG MALLERY     | USA | 50 M. BRST  |                   |     | 2:16.76     | F.SILVESTRI       | ITA | 17:24.06     | MARK DRENNEN      | USA |
| 54.61        | F.SILVESTRI       | ITA | 30.18       | CHRIS WEISSMAN    | USA | 2:16.87     | K.VAN OVERBEEKE   | NED | 18:00.36     | MATT CLARK        | USA |
| 54.77        | BRADLEY HOWE      | USA | 30.31       | WALLY DICKS       | USA | 2:17.46     | EDWIN VAN NORDEN  | NED | 18:05.17     | MATTHEW KANZLER   | USA |
| 200 M. FREE  |                   |     | 30.59       | DEAN PUTTERMAN    | USA | 2:19.82     | RAY GANDY         | USA | 18:08.50     | GLEN CHRISTIANSEN | SWE |
| 1:53.66      | KAI DITZEL        | GER | 30.78       | ROBERTO TARRICONE | ITA | 2:20.18     | L.FERNANDO ZULIET | BRA | 18:10.96     | GLENN CARLSEN     | CAN |
| 1:55.11      | F.SILVESTRI       | ITA | 30.81       | JORG NEUMULLER    | GER | 2:20.29     | DAVID CARTLEDGE   | GBR | 18:18.78     | LARRY WOOD        | USA |
| 1:58.07      | DAVID BOATWRIGHT  | USA | 31.09       | MASAOKI OTSUKI    | JPN | 2:20.50     | JERRY DAWSON      | USA | 18:28.58     | MIKE PATRICK      | CAN |
| 1:58.17      | EDWIN VAN NORDEN  | NED | 31.40       | RENATO POSSANZINI | ITA | 2:20.68     | BRIAN CASEY       | USA | 18:32.50     | SHIGEO ARAI       | JPN |
| 1:58.75      | GRAHAM WELBOURN   | CAN | 31.60       | MARCO VILLEUX     | CAN | 2:20.83     | YASUSHI MAKINO    | JPN | 18:33.01     | HUGO BREGMAN      | NED |
| 1:59.45      | BRADLEY HOWE      | USA | 31.62       | THOMAS LIGL       | GER | 400 M. I.M. |                   |     | 18:37.92     | JIM STITES        | USA |
| 1:59.77      | RICARDO SANTOS    | BRA | 31.64       | RONALD HORRMANN   | GER | 4:47.32     | F.SILVESTRI       | ITA | 50 M. BACK   |                   |     |
| 2:00.49      | MARTYN PRICE      | GBR | 31.64       | BRIAN HASEGAWA    | CAN | 4:49.57     | LINCOLN DJANG     | USA | 28.40        | FRITZ LEHMAN      | USA |
| 2:00.53      | MICHAEL KLEIBER   | GER | 100 M. BRST |                   |     | 4:52.47     | TOM RADAM         | USA | 29.01        | WILLIAM SPECHT    | USA |
| 2:01.00      | PETER LONG        | GBR | 1:06.21     | CHRIS WEISSMAN    | USA | 4:58.34     | DANIEL LEPINE     | CAN | 29.42        | JAMES BALLARD     | USA |
| 400 M. FREE  |                   |     | 1:08.36     | ROBERTO TARRICONE | ITA | 5:03.83     | K.VAN OVERBEEKE   | NED | 29.43        | JOHN VAN BUUREN   | CAN |
| 4:04.32      | KAI DITZEL        | GER | 1:09.38     | DAVE TOWN         | CAN | 5:04.94     | DAVID CARTLEDGE   | GBR | 29.57        | WIESLAW MUSIAL    | CAN |
| 4:05.30      | F.SILVESTRI       | ITA | 1:09.39     | BRIAN CASEY       | USA | 5:07.42     | PETER DOIG        | CAN | 29.75        | SCOTT SHAKE       | USA |
| 4:09.81      | MICHAEL KLEIBER   | GER | 1:09.41     | BERT GOEBEL       | GER | 5:08.07     | RAY GANDY         | USA | 29.79        | THIERRY CHANOINE  | FRA |
| 4:11.94      | GRAHAM WELBOURN   | CAN | 1:09.79     | BRIAN HASEGAWA    | CAN | 5:08.73     | ALBERTO PEDROTTI  | ITA | 29.86        | PHILIPP DJANG     | USA |
| 4:16.27      | BRADLEY HOWE      | USA | 1:09.98     | PREBEN WARGA      | SUI | 5:08.80     | TOSHIYUKI SAKA    | JPN | 30.09        | ISAMU SHIBAZAKI   | JPN |
| 4:18.04      | BOBBY PATTEN      | USA | 1:10.45     | THOMAS LIGL       | GER | *****       |                   |     | 30.12        | STEVE BURCHAM     | GBR |
| 4:19.62      | MARTYN PRICE      | GBR | 1:10.54     | EDWIN VAN NORDEN  | NED | *****       |                   |     | 100 M. BACK  |                   |     |
| 4:22.03      | DAMIANO NANETTI   | ITA | 1:10.71     | MATS LADEBORN     | SWE | M E N 45-49 |                   |     | 1:00.09      | FRITZ LEHMAN      | USA |
| 4:24.22      | PETER LONG        | GBR | 200 M. BRST |                   |     | *****       |                   |     | 1:01.81      | WIESLAW MUSIAL    | CAN |
| 4:24.28      | MATTHEW BAILEY    | USA | 2:27.09     | EDWIN VAN NORDEN  | NED | 50 M. FREE  |                   |     | 1:03.26      | WILLIAM SPECHT    | USA |
| 800 M. FREE  |                   |     | 2:27.38     | WALLY DICKS       | USA | 24.09       | BRENT BARNES      | JPN | 1:03.66      | PHILIPP DJANG     | USA |
| 8:33.16      | F.SILVESTRI       | ITA | 2:28.17     | CHRIS WEISSMAN    | USA | 24.73       | BILL SHERMAN      | USA | 1:03.77      | SCOTT SHAKE       | USA |
| 8:33.19      | MICHAEL KLEIBER   | GER | 2:32.34     | THOMAS LIGL       | GER | 24.82       | GREGORY OXLEY     | USA | 1:03.94      | HUGO BREGMAN      | NED |
| 8:33.24      | KAI DITZEL        | GER | 2:34.32     | KAZUNORI UEMURA   | JPN | 25.10       | RICK ABBOTT       | USA | 1:05.16      | STEVE BURCHAM     | GBR |
| 8:46.43      | GRAHAM WELBOURN   | CAN | 2:35.15     | DAVE TOWN         | CAN | 25.31       | ROLAND WENDEL     | GER | 1:05.77      | PHILIP ARCUNI     | USA |
| 8:52.48      | GEORGE TIDMARSH   | USA | 2:35.93     | DAVID CARTLEDGE   | GBR | 25.34       | JOHN VAN BUUREN   | CAN | 1:06.40      | K.FUKIDOME        | JPN |
| 8:58.96      | B.BORDONALI       | ITA | 2:36.80     | RALF SIMON        | SUI | 25.34       | KIRK KOZLOWSKI    | USA | 1:07.16      | JONATHAN KLEIN    | USA |
| 9:02.35      | STEFANO SEGUITI   | ITA | 2:38.09     | KEITH HOFFMAN     | USA | 25.42       | JOHN STACPOOLE    | AUS | 200 M. BACK  |                   |     |
| 9:09.53      | TIM HEDRICK       | USA | 2:38.63     | JUNYA ITO         | JPN | 25.46       | GARY SCHATZ       | USA | 2:12.10      | WIESLAW MUSIAL    | CAN |
| 9:12.04      | MATTHEW BAILEY    | USA | 50 M. FLY   |                   |     | 25.52       | PETER NOCKE       | GER | 2:13.36      | FRITZ LEHMAN      | USA |
| 9:12.18      | LINCOLN DJANG     | USA | 25.56       | ROBERTO TARRICONE | ITA | 100 M. FREE |                   |     | 2:16.48      | JAMES BALLARD     | USA |
| 1500 M. FREE |                   |     | 26.21       | DAVID EMERSON     | GBR | 53.80       | BRENT BARNES      | JPN | 2:17.71      | WILLIAM SPECHT    | USA |
| 16:23.95     | F.SILVESTRI       | ITA | 26.40       | RICARDO SANTOS    | BRA | 54.34       | JACK GROSELLE     | USA | 2:19.21      | ALAN GODFREY      | USA |
| 16:37.00     | MICHAEL KLEIBER   | GER | 26.78       | JOAKIM SJOHOLM    | SWE | 55.18       | RICK ABBOTT       | USA | 2:21.34      | PHILIPP DJANG     | USA |
| 16:42.00     | GEORGE TIDMARSH   | USA | 26.87       | MICHAEL BRETT     | GBR | 55.18       | BILL SHERMAN      | USA | 2:22.91      | HUGO BREGMAN      | NED |
| 16:52.71     | BOBBY PATTEN      | USA | 27.04       | K.VAN OVERBEEKE   | NED | 55.45       | GREGORY OXLEY     | USA | 2:23.99      | PHILIP ARCUNI     | USA |
| 17:20.27     | BRADLEY HOWE      | USA | 27.04       | PAOLO FELOTTI     | ITA | 55.74       | ROLAND WENDEL     | GER | 2:24.05      | THOMAS BLISS      | USA |
| 17:23.08     | TIM HEDRICK       | USA | 27.09       | C.FROELIGER       | FRA | 56.10       | ALEXEI ZVEREV     | GER | 2:24.65      | SHIGERU HIRAKA    | JPN |
| 17:24.63     | MATTHEW BAILEY    | USA | 27.09       | ROGER BIRNER      | SUI | 56.70       | FABRIZIO GRIFFO   | ITA | 50 M. BRST   |                   |     |
| 17:26.80     | STEFANO SEGUITI   | ITA | 27.16       | HENRY STEWART     | USA | 56.73       | PETER WORLAND     | USA | 30.32        | GLEN CHRISTIANSEN | SWE |
| 17:45.00     | MARTYN PRICE      | GBR | 100 M. FLY  |                   |     | 56.85       | STEVE FRANKLIN    | USA | 30.83        | GREGORY OXLEY     | USA |
| 17:49.77     | K.VAN OVERBEEKE   | NED | 57.53       | ROBERTO TARRICONE | ITA | 200 M. FREE |                   |     | 31.27        | RONNY OLTNER      | SWE |
| 50 M. BACK   |                   |     | 58.56       | DAVID EMERSON     | GBR | 2:01.89     | BRENT BARNES      | JPN | 31.32        | GERHARD AMMER     | GER |
| 27.55        | J CLAY BRITT      | USA | 58.73       | BOBBY PATTEN      | USA | 2:04.10     | WILLIAM HEMPEL    | GBR | 31.95        | HIROMICHI TAKEI   | JPN |
| 27.58        | CRAIG NORREY      | GBR | 58.95       | EDWIN VAN NORDEN  | NED | 2:04.10     | PETER WORLAND     | USA | 32.06        | SPENCER ELDRER    | USA |
| 28.52        | ROBERTO TARRICONE | ITA | 59.77       | DAVE TOWN         | CAN | 2:04.39     | SPENCER ELDRER    | USA | 32.08        | BEN DOYLE         | USA |
| 28.56        | ROGER BIRNER      | SUI | 59.85       | DANIEL LEPINE     | CAN | 2:05.53     | L MEISENHEIMER    | USA | 32.38        | ALAN THOMSON      | GBR |
| 28.79        | PAOLO FELOTTI     | ITA | 59.97       | PAUL MORRIS       | GBR | 2:06.19     | ALEXEI ZVEREV     | GER | 32.52        | SHOICHI SAKAGUCHI | JPN |
| 28.88        | ROBIN SCHUIJT     | ESP | 59.98       | BILL O'BRIEN      | USA | 2:07.14     | ALAN GODFREY      | USA | 32.65        | NEVILLE BARTON    | GBR |
| 28.91        | JOAKIM SJOHOLM    | SWE | 1:00.11     | STEVE STOTHERS    | CAN | 2:07.28     | BOB BUGG          | USA | 100 M. BRST  |                   |     |
| 29.03        | YASUSHI MAKINO    | JPN | 1:00.19     | RICARDO SANTOS    | BRA | 2:07.75     | STEPHANE HUGOT    | FRA | 1:07.68      | GLEN CHRISTIANSEN | SWE |
| 29.15        | EDWIN VAN NORDEN  | NED | 200 M. FLY  |                   |     | 2:07.80     | TIM ERICKSON      | USA | 1:07.77      | GREGORY OXLEY     | USA |
| 29.18        | STEVE WOOD        | USA | 2:13.43     | BOBBY PATTEN      | USA | 400 M. FREE |                   |     | 1:10.18      | RONNY OLTNER      | SWE |
| 100 M. BACK  |                   |     | 2:13.78     | DAMIANO NANETTI   | ITA | 4:21.20     | WILLIAM SPECHT    | USA | 1:10.95      | SPENCER ELDRER    | USA |
| 58.28        | J CLAY BRITT      | USA | 2:14.49     | DANIEL LEPINE     | CAN | 4:21.52     | BRETT PHILLIPS    | USA | 1:11.22      | BARRY O'BRIEN     | GBR |
| 59.94        | EDWIN VAN NORDEN  | NED | 2:15.99     | BILL O'BRIEN      | USA | 4:24.09     | WILLIAM HEMPEL    | GBR | 1:11.49      | PAT ALLENDER      | USA |
| 1:02.31      | CRAIG NORREY      | GBR | 2:18.50     | DETLEV MAAS       | GER | 4:24.85     | MARK DRENNEN      | USA | 1:12.04      | HAJIME SHIMURA    | JPN |
| 1:02.34      | PAOLO FELOTTI     | ITA | 2:19.07     | JONATHAN OLSEN    | USA | 4:25.06     | SCOTT SHAKE       | USA | 1:12.11      | CHRIS NICOL       | CAN |
| 1:02.50      | YASUSHI MAKINO    | JPN | 2:19.65     | STEVE STOTHERS    | CAN | 4:28.04     | PETER WORLAND     | USA | 1:12.55      | CRAIG SHEFFER     | USA |
| 1:02.60      | BRUCE HAYES       | GBR | 2:19.75     | RON COLLINS       | USA | 4:32.06     | DIRK ZETERBERG    | GER | 1:13.17      | ALAN THOMSON      | GBR |
| 1:02.83      | PETER BERNDT      | USA | 2:22.05     | MICHAEL SCHMIDT   | USA | 4:32.52     | GLEN CHRISTIANSEN | SWE | 200 M. BRST  |                   |     |
| 1:03.26      | MARTIN FENNER     | GBR | 2:24.98     | MARC BEAU         | FRA | 4:34.15     | HUGO BREGMAN      | NED | 2:31.41      | GREGORY OXLEY     | USA |
| 1:03.90      | STEVE WOOD        | USA | 100 M. I.M. |                   |     | 4:34.28     | LARRY WOOD        | USA | 2:32.51      | GLEN CHRISTIANSEN | SWE |
| 1:04.04      | BOBBY PATTEN      | USA | 59.57       | ROBERTO TARRICONE | ITA | 800 M. FREE |                   |     | 2:33.37      | SPENCER ELDRER    | USA |
| 200 M. BACK  |                   |     | 1:00.44     | EDWIN VAN NORDEN  | NED | 9:12.50     | SIMON VEALE       | GBR | 2:33.83      | PAT ALLENDER      | USA |
| 2:15.30      | EDWIN VAN NORDEN  | NED | 1:01.58     | JOAKIM SJOHOLM    | SWE | 9:12.80     | MARK DRENNEN      | USA | 2:34.32      | BARRY O'BRIEN     | GBR |
| 2:16.80      | MARTIN FENNER     | GBR | 1:01.69     | DAVE TOWN         | CAN | 9:22.80     | DIRK ZETERBERG    | GER | 2:35.16      | TOM REUDY         | USA |
| 2:17.00      | G.FRANCESCHI      | ITA | 1:02.82     | K.VAN OVERBEEKE   | NED | 9:26.01     | MATT CLARK        | USA | 2:36.56      | BEN DOYLE         | USA |
| 2:17.22      | LINCOLN DJANG     | USA | 1:02.94     | YASUSHI MAKINO    | JPN | 9:26.48     | GLENN CARLSEN     | CAN | 2:36.58      | PETER KAUCH       | GER |
| 2:19.16      | GLENN BATTLE      | USA | 1:03.06     | JERRY DAWSON      | USA | 9:35.02     | TIM ERICKSON      | USA | 2:39.20      | HAJIME SHIMURA    | JPN |





FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 2003

|             |                   |     |              |                   |     |             |                   |     |             |                   |     |
|-------------|-------------------|-----|--------------|-------------------|-----|-------------|-------------------|-----|-------------|-------------------|-----|
| 2:39.36     | MARK DRENNEN      | USA | 26.07        | LEE MENCH         | USA | 2:22.81     | JOHN MARCH        | CAN | 1:05.59     | RICHARD GARRETT   | USA |
| 50 M. FLY   |                   |     | 26.11        | ROLF AUST         | GER | 2:24.24     | JIM MCCONICA      | CAN | 1:05.62     | BRUCE ROBERTSON   | CAN |
| 25.84       | PAUL CARTER       | USA | 100 M. FREE  |                   |     | 2:25.53     | ROB WEYHENKE      | NED | 1:05.91     | MARK PUGLIESE     | USA |
| 26.82       | BRENT BARNES      | JPN | 54.61        | PAUL TREVISAN     | USA | 2:25.53     | MARK PUGLIESE     | USA | 1:06.42     | JURGEN KONNEKER   | GER |
| 26.84       | RICK ABBOTT       | USA | 55.37        | LEE MENCH         | USA | 2:26.88     | EDDIE RIACH       | GBR | 1:06.51     | LEONARD BIELICZ   | SWE |
| 26.87       | WILLIAM SPECHT    | USA | 55.51        | LARRY KRAUSER     | USA | 2:30.35     | TIMOTHY SHEAD     | USA | 1:06.60     | GEORGE SCHMIDT    | USA |
| 27.08       | JOHN VAN BUUREN   | CAN | 55.71        | BRUCE ROBERTSON   | CAN | 2:31.09     | LARRY KRAUSER     | USA | 1:06.74     | TAKEO HIRAMOTO    | JPN |
| 27.21       | JAMES BALLARD     | USA | 56.24        | V.GALAVTINE       | FRA | 2:31.42     | ALAIN VANACKER    | FRA | 200 M. I.M. |                   |     |
| 27.43       | ARNALDO PEREZ     | USA | 56.67        | RICHARD GARRETT   | USA | 2:32.15     | GEORGE SCHMIDT    | USA | 2:20.35     | GREG SHAW         | USA |
| 27.59       | FREDERICK EHMKE   | USA | 57.09        | GREG SHAW         | USA | 2:32.52     | CHRISTOPHER BROWN | GBR | 2:22.11     | ROB WEYHENKE      | NED |
| 27.63       | MARIO LLORET      | ESP | 57.19        | LEONARD BIELICZ   | SWE | 50 M. BRST  |                   |     | 2:23.05     | TIM SHEAD         | USA |
| 27.63       | DONALD GRAHAM     | USA | 57.23        | DAVE DICKSON      | CAN | 32.19       | TIMOTHY SHEAD     | USA | 2:25.24     | JIM MCCONICA      | USA |
| 100 M. FLY  |                   |     | 57.31        | WILSON MILLS      | GBR | 33.16       | JURGEN KONNEKER   | GER | 2:25.98     | WILSON MILLS      | GBR |
| 57.17       | PAUL CARTER       | USA | 200 M. FREE  |                   |     | 33.17       | WILSON MILLS      | GBR | 2:26.00     | JIM CLEMMONS      | USA |
| 58.14       | WILLIAM SPECHT    | USA | 2:03.10      | LARRY KRAUSER     | USA | 33.52       | FRED FARLEY       | USA | 2:26.03     | RICHARD GARRETT   | USA |
| 1:00.01     | JAMES BALLARD     | USA | 2:03.80      | LEE MENCH         | USA | 33.64       | C.STARZEC         | FRA | 2:26.20     | FRED FARLEY       | USA |
| 1:00.09     | JOHN VAN BUUREN   | CAN | 2:04.46      | BRUCE ROBERTSON   | CAN | 33.64       | ALLEN STARK       | USA | 2:26.92     | RON ARMSTRONG     | CAN |
| 1:01.33     | FREDERICK EHMKE   | USA | 2:08.10      | JIM CLEMMONS      | USA | 34.10       | SATOSHI HAYASHI   | JPN | 2:27.21     | TAKEO HIRAMOTO    | JPN |
| 1:01.64     | ALEXEI ZVEREV     | GER | 2:10.60      | DOUG GREEN        | USA | 34.11       | TAKEO HIRAMOTO    | JPN | 400 M. I.M. |                   |     |
| 1:02.11     | PHILIP ARCUNI     | USA | 2:11.41      | G.SCARAMEL        | ITA | 34.18       | THOMAS WHATLEY    | USA | 5:05.09     | GREG SHAW         | USA |
| 1:02.16     | SIMON VEALE       | GBR | 2:12.16      | RICHARD GARRETT   | USA | 34.22       | GEORGE SCHMIDT    | USA | 5:06.89     | JIM CLEMMONS      | USA |
| 1:03.13     | WIESLAW MUSIAL    | CAN | 2:12.30      | LUIS PINEYRO      | MEX | 100 M. BRST |                   |     | 5:11.33     | ROB WEYHENKE      | NED |
| 1:03.16     | HUGO BREGMAN      | NED | 2:12.53      | MIKE STAMHUIS     | CAN | 1:11.72     | TIM SHEAD         | RSA | 5:14.61     | JOHN MCCALL       | USA |
| 200 M. FLY  |                   |     | 2:12.60      | PETER RAE         | GBR | 1:13.01     | ROB WEYHENKE      | NED | 5:14.70     | RON ARMSTRONG     | CAN |
| 2:09.06     | WILLIAM SPECHT    | USA | 400 M. FREE  |                   |     | 1:14.04     | C.STARZEC         | FRA | 5:18.33     | TIM SHEAD         | RSA |
| 2:18.15     | HUGO BREGMAN      | NED | 4:26.37      | LARRY KRAUSER     | USA | 1:14.11     | TAKEO HIRAMOTO    | JPN | 5:19.25     | TAKEO HIRAMOTO    | JPN |
| 2:21.79     | KAZUHIRO OTSUKA   | JPN | 4:28.64      | LEE MENCH         | USA | 1:14.50     | ALLEN STARK       | USA | 5:19.55     | FRED FARLEY       | USA |
| 2:23.24     | MARK DRENNEN      | USA | 4:32.16      | JIM CLEMMONS      | USA | 1:14.87     | FRED FARLEY       | USA | 5:21.75     | LARRY KRAUSER     | USA |
| 2:24.39     | MATTHEW KANZLER   | USA | 4:32.19      | JIM MCCONICA      | USA | 1:15.43     | JOHN PEARSON      | GBR | 5:22.06     | MIKE MORROW       | CAN |
| 2:26.00     | TIM ERICKSON      | USA | 4:32.79      | WILSON MILLS      | GBR | 1:15.63     | FRANCO ARALDI     | ITA |             |                   |     |
| 2:27.37     | GLEN CHRISTIANSEN | SWE | 4:42.04      | EDDIE RIACH       | GBR | 1:16.13     | ROBERT BERGER     | GER | *****       |                   |     |
| 2:28.62     | WIESLAW MUSIAL    | CAN | 4:42.43      | G.SCARAMEL        | ITA | 1:16.29     | HIDEHIKO HASEGAWA | JPN | M E N 55-59 |                   |     |
| 2:29.17     | PHILIP ARCUNI     | USA | 4:43.09      | MIKE STAMHUIS     | CAN | 200 M. BRST |                   |     | *****       |                   |     |
| 2:29.35     | PETER KAUCH       | GER | 4:43.16      | JOHN NEEDHAM      | USA | 2:40.66     | TAKEO HIRAMOTO    | JPN | 50 M. FREE  |                   |     |
| 100 M. I.M. |                   |     | 4:43.52      | DOUG GREEN        | USA | 2:42.64     | TIM SHEAD         | RSA | 26.00       | RICH ABRAHAMS     | USA |
| 1:02.20     | GREGORY OXLEY     | USA | 800 M. FREE  |                   |     | 2:43.85     | CHUCK HOLUM       | USA | 26.73       | REINER DOBBELMANN | FRA |
| 1:03.92     | TOM REUDY         | USA | 9:24.76      | LARRY KRAUSER     | USA | 2:44.37     | FRANCO ARALDI     | ITA | 27.03       | DANIEL ROGACKI    | USA |
| 1:04.25     | JACK GROSELLE     | USA | 9:28.51      | JIM CLEMMONS      | USA | 2:45.29     | JIM CLEMMONS      | USA | 27.03       | MIKE AHERN        | USA |
| 1:04.42     | GLEN CHRISTIANSEN | SWE | 9:31.18      | SCOTT LAUTMAN     | USA | 2:47.15     | ALLEN STARK       | USA | 27.07       | PETER PRIJDEKKER  | GBR |
| 1:04.75     | ALAN GODFREY      | USA | 9:44.39      | DOUG GREEN        | USA | 2:47.21     | JOHN MCCALL       | USA | 27.09       | GORDON BLACK      | CAN |
| 1:04.96     | UWE KUSSATZ       | GER | 9:47.58      | DAVE DICKSON      | CAN | 2:47.25     | C.STARZEC         | FRA | 27.15       | JIM DRAGON        | USA |
| 1:05.13     | RONNY OLTNER      | SWE | 9:50.28      | JOHN NEEDHAM      | USA | 2:47.74     | HERBERT BLOCH     | GER | 27.22       | KATSUTAKA IZUMI   | JPN |
| 1:05.13     | ALEXEI ZVEREV     | GER | 9:54.93      | LEE MENCH         | USA | 2:47.88     | ROBERT BROWN      | USA | 27.23       | H.HARBRECHT       | GER |
| 1:05.32     | BRETT PHILLIPS    | USA | 9:55.94      | J.CLAUDE CHATARD  | FRA | 50 M. FLY   |                   |     | 27.23       | JON SHASTID       | USA |
| 1:05.41     | FRITZ LEHMAN      | USA | 9:56.00      | PETER RAE         | GBR | 26.79       | GREG SHAW         | USA | 100 M. FREE |                   |     |
| 200 M. I.M. |                   |     | 9:57.64      | WILLIAM REEVES    | USA | 27.62       | MARK PUGLIESE     | USA | 59.51       | DANIEL ROGACKI    | USA |
| 2:18.75     | GREGORY OXLEY     | USA | 1500 M. FREE |                   |     | 27.63       | V.GALAVTINE       | FRA | 59.86       | FRED SCHLICHER    | USA |
| 2:21.99     | WIESLAW MUSIAL    | CAN | 17:48.71     | LARRY KRAUSER     | USA | 27.69       | LEONARD BIELICZ   | SWE | 1:00.52     | DUNCAN MCCREADIE  | GBR |
| 2:22.87     | THOMAS BOYD       | USA | 17:53.99     | JIM CLEMMONS      | USA | 27.69       | KEVIN MCCORMACK   | USA | 1:00.60     | PETER PRIJDEKKER  | GBR |
| 2:23.02     | HUGO BREGMAN      | NED | 18:29.40     | LEE MENCH         | USA | 27.93       | TOM GEIMAN        | USA | 1:00.68     | DIETER SEIFERT    | GER |
| 2:23.20     | MATT CLARK        | USA | 18:36.79     | BILL PENN         | USA | 28.13       | JOHN MCCALL       | USA | 1:00.74     | FRANK HESBACHER   | GER |
| 2:23.32     | PAT ALLENDER      | USA | 18:41.31     | JOHN NEEDHAM      | USA | 28.16       | DAVE DICKSON      | CAN | 1:00.88     | H.HARBRECHT       | GER |
| 2:23.63     | UWE KUSSATZ       | GER | 18:50.00     | G.SCARAMEL        | ITA | 28.16       | BRUCE ROBERTSON   | CAN | 1:01.04     | TOM MEEHAN        | USA |
| 2:23.71     | RONNY OLTNER      | SWE | 18:56.40     | DAVID OWEN        | USA | 28.25       | JIM OCONNOR       | USA | 1:01.10     | HANS LJUNGBERG    | SWE |
| 2:23.73     | ANDREW DEWEY      | USA | 19:02.12     | DAVID DAVENPORT   | GBR | 100 M. FLY  |                   |     | 1:01.22     | RICH ABRAHAMS     | USA |
| 2:24.24     | THOMAS BLISS      | USA | 19:04.04     | WILLIAM REEVES    | USA | 1:00.08     | JOHN MCCALL       | USA | 200 M. FREE |                   |     |
| 400 M. I.M. |                   |     | 19:08.56     | FRANK THOMPSON    | USA | 1:00.48     | GREG SHAW         | USA | 2:06.20     | TOD SPIEKER       | USA |
| 5:01.91     | MARK DRENNEN      | USA | 50 M. BACK   |                   |     | 1:02.28     | LEONARD BIELICZ   | SWE | 2:12.62     | DUNCAN MCCREADIE  | GBR |
| 5:07.15     | HUGO BREGMAN      | NED | 29.49        | V.GALAVTINE       | FRA | 1:02.49     | DAVE DICKSON      | CAN | 2:14.30     | DAVID GRAY        | USA |
| 5:07.18     | WIESLAW MUSIAL    | CAN | 29.84        | MARK PUGLIESE     | USA | 1:02.74     | SCOTT LAUTMAN     | USA | 2:15.90     | FRANK HESBACHER   | GER |
| 5:08.26     | BILL SPECHT       | USA | 30.61        | ROB WEYHENKE      | NED | 1:02.93     | KEVIN MCCORMACK   | USA | 2:16.37     | PETER PRIJDEKKER  | GBR |
| 5:09.46     | VOLKER MENDE      | GER | 30.69        | TAKEO HIRAMOTO    | JPN | 1:03.02     | JIM OCONNOR       | USA | 2:17.33     | STEVE JOHNSON     | USA |
| 5:10.91     | MATTHEW KANZLER   | USA | 30.81        | JOHN MARCH        | CAN | 1:04.16     | TOM GEIMAN        | USA | 2:17.43     | BRUCE MOHL        | USA |
| 5:11.11     | PAT ALLENDER      | USA | 30.93        | CHRISTOPHER BROWN | GBR | 1:04.90     | ROB WEYHENKE      | NED | 2:17.54     | D.UIJTENBOGAART   | NED |
| 5:11.73     | BRYAN VOLPP       | USA | 31.00        | EDDIE RIACH       | GBR | 1:05.18     | JOHN MARCH        | CAN | 2:17.58     | H.HARBRECHT       | GER |
| 5:13.84     | PETER KAUCH       | GER | 31.17        | GREG SHAW         | USA | 200 M. FLY  |                   |     | 2:17.80     | JAMES MCCLEERY    | USA |
| 5:14.76     | THEO BURGER       | GER | 31.24        | SHUNJI NAGAHAMA   | JPN | 2:18.69     | SCOTT LAUTMAN     | USA | 400 M. FREE |                   |     |
|             |                   |     | 31.30        | JOHN SPIRE        | USA | 2:20.26     | GREG SHAW         | USA | 4:28.73     | TOD SPIEKER       | USA |
| *****       |                   |     | 100 M. BACK  |                   |     | 2:20.86     | JIM OCONNOR       | USA | 4:43.97     | DAVID GRAY        | USA |
| M E N 50-54 |                   |     | 1:04.14      | V.GALAVTINE       | FRA | 2:25.28     | TAKEO HIRAMOTO    | JPN | 4:45.45     | DUNCAN MCCREADIE  | GBR |
| *****       |                   |     | 1:05.06      | JOHN MARCH        | CAN | 2:29.15     | WILLIAM REEVES    | USA | 4:49.06     | D.UIJTENBOGAART   | NED |
| 50 M. FREE  |                   |     | 1:05.16      | MARK PUGLIESE     | USA | 2:29.69     | DAVE DICKSON      | CAN | 4:49.29     | JAY PLATT         | USA |
| 24.26       | PAUL TREVISAN     | USA | 1:06.56      | TIM SHEAD         | RSA | 2:30.49     | JOHN MCCALL       | USA | 4:50.79     | JAMES MCCLEERY    | USA |
| 24.74       | V.GALAVTINE       | FRA | 1:06.57      | ROB WEYHENKE      | NED | 2:31.90     | JIM CLEMMONS      | USA | 4:54.32     | ANDY WILSON       | GBR |
| 25.00       | LARRY KRAUSER     | USA | 1:08.42      | KEVIN MCCORMACK   | USA | 2:39.63     | HERBERT BLOCH     | GER | 5:00.01     | IVAN MYALL        | GBR |
| 25.53       | BRUCE ROBERTSON   | CAN | 1:08.44      | TAKEO HIRAMOTO    | JPN | 2:40.03     | FRANCO ARALDI     | ITA | 5:00.02     | FRANK HESBACHER   | GER |
| 25.53       | THOMAS WHATLEY    | USA | 1:08.90      | ROBERT LAWTON     | USA | 100 M. I.M. |                   |     | 5:03.85     | H.HARBRECHT       | GER |
| 25.56       | LEONARD BIELICZ   | SWE | 1:09.06      | GEORGE SCHMIDT    | USA | 1:03.75     | GREG SHAW         | USA | 800 M. FREE |                   |     |
| 25.56       | RICARDO DAVIS     | BRA | 1:09.32      | LARRY KRAUSER     | USA | 1:03.78     | TIM SHEAD         | RSA | 9:13.15     | TOD SPIEKER       | USA |
| 25.64       | TOM GEIMAN        | USA | 200 M. BACK  |                   |     | 1:04.98     | ROB WEYHENKE      | NED | 9:55.81     | D.UIJTENBOGAART   | NED |



FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 2003

Table with 10 columns: Rank, Name, Country, Time, Name, Country, Time, Name, Country, Time. Lists the top 10 swimmers in various categories for the 2003 FINA World Masters Short Course Meters.



FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 2003

|                           |                              |     |                           |     |                            |
|---------------------------|------------------------------|-----|---------------------------|-----|----------------------------|
| 100 M. I.M.               | 5:47.91 T.KUNITOMI           | JPN | 3:01.83 YOSHIKI AOKI      | JPN | 50 M. FREE                 |
| 1:09.39 ROBERT SMITH      | USA 800 M. FREE              |     | 3:03.76 HANS REICHEL      | GER | 28.55 RON JOHNSON          |
| 1:11.21 GERSHON SHEFA     | ISR 10:56.30 FABRIZIO MOMONI | ITA | 3:07.25 BERND WUNSCH      | GER | 29.00 WOLFRAM GOTTFRIED    |
| 1:11.25 RICHARD BURNS     | USA 11:14.72 RAFAEL PEREZ    | ESP | 3:07.92 PETER BELL        | CAN | 30.42 SHINGO YAMAMOTO      |
| 1:11.82 KOJI IWAMOTO      | JPN 11:15.54 ERNIE LESKOVITZ | USA | 3:08.63 GUNTER SCHMAH     | GER | 30.68 ALDO EMINENTE        |
| 1:12.36 EDWARD CAZALET    | USA 11:34.78 HANS LINDSTROM  | SWE | 3:08.68 TOM WALKER        | GBR | 30.87 ANDREW REID          |
| 1:14.04 DIETER SEIFERT    | GER 11:35.85 DAVE RADCLIFF   | USA | 3:13.33 KAZUYA NISHINO    | JPN | 31.46 JOHN GRAVE           |
| 1:14.08 HIROSHI NONAKA    | JPN 11:47.12 CYRIL THOMAS    | GBR | 3:14.40 MAURICE DEMESSINE | FRA | 31.55 MASAYASU KAMIYA      |
| 1:14.26 BERND SCHRODER    | GER 12:09.32 NIC GEERS       | NED | 3:14.50 CLAUDIO NEGRI     | ITA | 31.83 RUDI VAN ESS         |
| 1:14.66 PETE ANDERSEN     | USA 12:10.01 JEAN CAZENEUVE  | FRA | 3:14.73 HARTMUT LEMCKE    | GER | 31.89 KIYOJI AMANO         |
| 1:14.71 MIKE FRESHLEY     | USA 12:13.03 BERND REHBEIN   | GER | 50 M. FLY                 |     | 32.02 BO AMNELL            |
| 200 M. I.M.               | 12:14.82 HANS SCHMID         | SUI | 30.71 BERT PETERSEN       | USA | 100 M. FREE                |
| 2:35.95 EDWARD CAZALET    | USA 1500 M. FREE             |     | 31.27 PETER BERGENGREN    | SWE | 1:09.61 SHINGO YAMAMOTO    |
| 2:37.14 GERSHON SHEFA     | ISR 20:49.25 ERNIE LESKOVITZ | USA | 32.79 HIROSHI MATSUMOTO   | JPN | 1:09.77 BURWELL JONES      |
| 2:42.86 KOJI IWAMOTO      | JPN 20:56.70 FABRIZIO MOMONI | ITA | 32.82 KAZUYA NISHINO      | JPN | 1:11.14 BO AMNELL          |
| 2:45.22 SANDY GALLETTY    | GBR 21:50.02 DAVID RADCLIFF  | USA | 33.31 TOM VERTH           | CAN | 1:11.41 GRAHAM JOHNSTON    |
| 2:45.56 VITTORIO ERMIRIO  | ITA 22:24.30 JOHN PUGH       | AUS | 33.46 DAVID CUMMING       | GBR | 1:11.47 ANDREW REID        |
| 2:47.54 TADASHI IWAMOTO   | JPN 22:52.69 NIC GEERS       | NED | 33.50 BOB BAILIE          | USA | 1:12.07 BORIS KAZ          |
| 2:47.57 MIKE FRESHLEY     | USA 22:54.80 MARTY MENNEN    | USA | 33.62 WOLFGANG SIEBER     | GER | 1:12.11 JOHN RIES          |
| 2:50.44 TONY CHERINGTON   | GBR 23:33.98 JOHN STARR      | GBR | 33.66 CAV CAVANAUGH       | USA | 1:12.30 MASAYASU KAMIYA    |
| 2:52.19 HIROSHI NONAKA    | JPN 23:54.28 HANS LINDSTROM  | SWE | 33.76 MANFRED BONICKE     | GER | 1:12.64 KIYOJI AMANO       |
| 2:53.71 KLAUS KATZUR      | GER 23:55.77 BRENT LAKE      | USA | 100 M. FLY                |     | 1:12.78 ALAN RAPPERPORT    |
| 400 M. I.M.               | 23:58.79 BARRY FASBENDER     | USA | 1:13.32 BERT PETERSEN     | USA | 200 M. FREE                |
| 5:34.43 EDWARD CAZALET    | USA 50 M. BACK               |     | 1:16.63 DAVID CUMMING     | GBR | 2:37.68 GRAHAM JOHNSTON    |
| 5:52.21 BARRY YOUNG       | NZL 35.47 PETER BERGENGREN   | SWE | 1:17.00 LUIS RICARDO SIMI | BRA | 2:42.64 SHINGO YAMAMOTO    |
| 6:02.06 HELMUT BEER       | GER 35.64 DAVID MCINTYRE     | USA | 1:18.48 WOLFGANG SIEBER   | GER | 2:45.99 FUMIO EGAMI        |
| 6:15.83 MIKE FRESHLEY     | USA 36.62 ERIC FORSLUND      | SWE | 1:18.82 PETER BERGENGREN  | SWE | 2:46.49 KIYOJI AMANO       |
| 6:16.09 TOM LANDIS        | USA 36.68 KOICHI SATO        | JPN | 1:19.68 GENICHI IGARASHI  | JPN | 2:48.15 MASAYASU KAMIYA    |
| 6:17.54 ROB HANOU         | NED 36.94 TOM VERTH          | CAN | 1:20.51 ERNIE LESKOVITZ   | USA | 2:48.46 ALAN RAPPERPORT    |
| 6:23.24 KARL ODKOLEK      | GER 36.95 IKURO SHIMONO      | JPN | 1:21.10 TADAHIKO SAKATANI | JPN | 2:48.75 JOSEF KREJCI       |
| 6:26.04 BRYAN FINLAY      | CAN 37.71 PETER BAUCH        | GER | 1:23.62 BARRY FASBENDER   | USA | 2:48.94 ROBERT MAYO        |
| 6:27.04 MURRAY MC LACHLAN | USA 37.78 PETER WEDLER       | GER | 1:24.28 RAFAEL PEREZ      | ESP | 2:50.08 KAZUO OTA          |
| 6:29.35 P.WERMELSKIRCHEN  | GER 37.99 MOTOHISA HIROSE    | JPN | 200 M. FLY                |     | 2:51.11 PETER TUCKER       |
|                           | 38.10 TAKAHIRO IIKO          | JPN | 3:04.04 DAVID CUMMING     | GBR | 400 M. FREE                |
| *****                     | 100 M. BACK                  |     | 3:20.24 NIC GEERS         | NED | 5:15.88 BURWELL JONES      |
| M E N 65-69               | 1:21.86 TOM VERTH            | CAN | 3:20.53 TADAHIKO SAKATANI | JPN | 5:46.17 GRAHAM JOHNSTON    |
| *****                     | 1:22.75 MARTY MENNEN         | USA | 3:21.15 GUNTER SCHMAH     | GER | 6:06.29 KIYOJI AMANO       |
| 50 M. FREE                | 1:23.30 E.NODENSCHNEIDER     | FRA | 3:21.41 RAFAEL PEREZ      | ESP | 6:06.76 ALAN RAPPERPORT    |
| 27.80 PETER BERGENGREN    | SWE 1:23.61 PETER WEDLER     | GER | 3:23.18 BARRY FASBENDER   | USA | 6:09.96 ROBERT MAYO        |
| 28.84 CAV CAVANAUGH       | USA 1:25.32 BILL DYKSTRA     | USA | 3:27.37 A EMORY HAWORTH   | USA | 6:12.94 KAZUO OTA          |
| 29.46 DAVID MCINTYRE      | USA 1:25.60 PETER BAUCH      | GER | 3:28.23 PAUL ALVAREZ      | GBR | 6:13.00 KATSURA SUZUKI     |
| 29.60 MANFRED BONICKE     | GER 1:25.61 PETER BERGENGREN | SWE | 3:28.29 DREN GEER         | USA | 6:13.09 PETER TUCKER       |
| 29.87 BOB BAILIE          | USA 1:25.90 NIC GEERS        | NED | 3:28.79 NEIL TASKER       | GBR | 6:13.23 MASAYASU KAMIYA    |
| 30.04 MASATO YOSHINO      | JPN 1:26.43 BRENT LAKE       | USA | 100 M. I.M.               |     | 6:13.91 FRED LEHMAN        |
| 30.13 TOM VERTH           | CAN 1:26.51 TOM WALKER       | GBR | 1:15.44 PETER BERGENGREN  | SWE | 800 M. FREE                |
| 30.26 CHARLES THOMANN     | FRA 200 M. BACK              |     | 1:17.24 STANLEY CLARKE    | GER | 11:04.91 GRAHAM JOHNSTON   |
| 30.43 STEVE MOSELEY       | USA 2:57.47 E.NODENSCHNEIDER | FRA | 1:18.49 HANS REICHEL      | GER | 12:40.71 ALAN RAPPERPORT   |
| 30.58 MASAMI TATEISHI     | JPN 3:02.28 MARTY MENNEN     | USA | 1:20.79 TOM VERTH         | CAN | 12:55.61 BILL KING         |
| 100 M. FREE               | 3:03.21 GUNTER BEILSTEIN     | GER | 1:21.16 GENICHI IGARASHI  | JPN | 12:56.50 GEORGE MILNE      |
| 1:02.24 PETER BERGENGREN  | SWE 3:03.45 TOM WALKER       | GBR | 1:21.90 CAV CAVANAUGH     | USA | 12:56.62 FRED LEHMAN       |
| 1:04.38 CAV CAVANAUGH     | USA 3:07.11 NIC GEERS        | NED | 1:21.97 N.MIYAMOTO        | JPN | 13:13.68 MASAYASU KAMIYA   |
| 1:05.80 MASATO YOSHINO    | JPN 3:07.92 STEVE MOSELEY    | USA | 1:22.19 NIC GEERS         | NED | 13:18.52 CHRISTOPHER SMITH |
| 1:06.28 CHARLES THOMANN   | FRA 3:08.69 BILL DYKSTRA     | USA | 1:22.45 ITARU KOJIMA      | JPN | 13:23.82 KEN KIMBALL       |
| 1:06.30 KAZUYA NISHINO    | JPN 3:09.21 BRENT LAKE       | USA | 1:22.66 HARALD BESTIAN    | GER | 13:25.83 ARTHUR INGLIS     |
| 1:07.73 JERRY CLARK       | USA 3:11.43 HERMANN OSTERLOH | GER | 200 M. I.M.               |     | 13:26.87 BO AMNELL         |
| 1:07.88 BOB BAILIE        | USA 3:14.87 JOHN CONVEY      | CAN | 2:57.48 TAKESHI KOBAYASHI | JPN | 1500 M. FREE               |
| 1:08.36 NIC GEERS         | NED 50 M. BRST               |     | 2:58.47 PETER BERGENGREN  | SWE | 22:59.72 GRAHAM JOHNSTON   |
| 1:08.82 TOM VERTH         | CAN 36.92 BERND WUNSCH       | GER | 3:02.32 GUNTER BEILSTEIN  | GER | 24:20.93 ROBERT MAYO       |
| 1:08.96 STEVE MOSELEY     | USA 37.78 YOSHIKI AOKI       | JPN | 3:02.41 NIC GEERS         | NED | 24:22.90 KIYOJI AMANO      |
| 200 M. FREE               | 37.88 RINALDO FERREIRA       | BRA | 3:04.55 N.MIYAMOTO        | JPN | 24:39.77 FRED LEHMAN       |
| 2:25.89 KAZUYA NISHINO    | JPN 37.91 WERNER GOTTSCHALK  | GER | 3:05.74 DICK PETERSON     | USA | 24:59.00 BILL KING         |
| 2:27.02 CAV CAVANAUGH     | USA 37.93 GUNTER SCHMAH      | GER | 3:06.59 BERND WUNSCH      | GER | 25:00.82 MASAYASU KAMIYA   |
| 2:27.12 FABRIZIO MOMONI   | ITA 38.16 HIROSHI KOTEGAWA   | JPN | 3:06.60 CHARLES THOMANN   | FRA | 25:06.74 PETER TUCKER      |
| 2:29.21 MASATO YOSHINO    | JPN 38.19 TETSUO NAKAMARU    | JPN | 3:06.65 E.NODENSCHNEIDER  | FRA | 25:16.47 CHRISTOPHER SMITH |
| 2:30.55 NIC GEERS         | NED 38.20 BELA SANDOR        | USA | 3:09.04 ERNIE LESKOVITZ   | USA | 25:37.23 MARIYAN STIPETIC  |
| 2:33.08 ERNIE LESKOVITZ   | USA 38.30 BILL MOORE         | GBR | 400 M. I.M.               |     | 25:40.15 MYRON LOCKEY      |
| 2:33.62 N.MIYAMOTO        | JPN 38.54 KARL-HEINZ SCHROD  | GER | 6:28.92 GUNTER BEILSTEIN  | GER | 50 M. BACK                 |
| 2:35.55 CHARLES THOMANN   | FRA 38.54 PETER BELL         | CAN | 6:42.77 ERNIE LESKOVITZ   | USA | 33.90 YOSHI OYAKAWA        |
| 2:36.71 JERRY CLARK       | USA 100 M. BRST              |     | 6:46.79 NIC GEERS         | NED | 35.44 S.SEKIKAWA           |
| 2:38.25 DREN GEER         | USA 1:21.55 BERND WUNSCH     | GER | 6:50.56 DICK PETERSON     | USA | 36.25 BURWELL JONES        |
| 400 M. FREE               | 1:22.39 YOSHIKI AOKI         | JPN | 6:52.52 DAVID PAINTER     | USA | 37.00 RON JOHNSON          |
| 5:06.60 FABRIZIO MOMONI   | ITA 1:22.79 HANS REICHEL     | GER | 6:53.23 H.MULLER          | GER | 37.06 MAMPEI SEINO         |
| 5:16.13 RAFAEL PEREZ      | ESP 1:23.85 GUNTER SCHMAH    | GER | 6:53.54 E.NODENSCHNEIDER  | FRA | 38.05 CLARKE MITCHELL      |
| 5:17.17 NIC GEERS         | NED 1:23.94 TETSUO NAKAMARU  | JPN | 6:57.78 BARTOLINI BIONDI  | ITA | 38.33 MINORU UEMURA        |
| 5:22.68 CAV CAVANAUGH     | USA 1:25.08 TONY GOODWIN     | AUS | 7:01.73 BARRY FASBENDER   | USA | 38.44 ARTHUR INGLIS        |
| 5:27.97 ERNIE LESKOVITZ   | USA 1:25.59 PETER BELL       | CAN | 7:05.54 DREN GEER         | USA | 39.23 MASAYASU KAMIYA      |
| 5:43.83 CYRIL THOMAS      | GBR 1:26.55 RYOJI ABE        | JPN |                           |     | 39.37 GEORGE GFROERER      |
| 5:43.97 DAVID RADCLIFF    | USA 1:26.61 TOM WALKER       | GBR | *****                     |     | 100 M. BACK                |
| 5:45.47 N.MIYAMOTO        | JPN 1:26.64 KAZUYA NISHINO   | JPN | M E N 70-74               |     | 1:15.85 YOSHI OYAKAWA      |
| 5:46.80 JERRY CLARK       | USA 200 M. BRST              |     | *****                     |     | 1:16.73 BURWELL JONES      |





FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 2003

|         |                   |     |             |                   |       |          |                   |     |          |                   |       |
|---------|-------------------|-----|-------------|-------------------|-------|----------|-------------------|-----|----------|-------------------|-------|
| 1:18.73 | S.SEKIKAWA        | JPN | 3:51.35     | HENRI THEOLAT     | FRA   | 6:52.20  | JAN ZIEGLER       | CZE | 1:40.84  | FRED LEIPZIGER    | USA   |
| 1:20.94 | MAMPEI SEINO      | JPN | 4:09.79     | CHRISTOPHER SMITH | CAN   | 6:58.86  | DUANE DRAVES      | USA | 1:41.96  | HORST FRITSCHE    | GER   |
| 1:25.96 | ROBERT MAYO       | USA | 4:15.94     | BILL RODGERS      | USA   | 7:00.81  | NOBUMASA YAMASAKI | JPN | 1:43.05  | CHARLES URSTADT   | USA   |
| 1:25.97 | CLARKE MITCHELL   | USA | 4:17.58     | PAUL BEREGI       | CAN   | 7:06.18  | PAUL POULAUD      | FRA | 2:00     | M. BRST           |       |
| 1:27.09 | HORACE KNOWLTON   | USA | 4:18.18     | SIDNEY SALEK      | NZL   | 7:08.07  | FRANK SAMOYA      | USA | 3:29.54  | AL CRAIG          | USA   |
| 1:27.53 | ALAN RAPPERPORT   | USA | 1:00        | M. I.M.           |       | 7:08.61  | MO MATHEWS        | USA | 3:34.85  | ZENJI NAKAHARI    | JPN   |
| 1:27.77 | ARTHUR INGLIS     | CAN | 1:17.22     | BURWELL JONES     | USA   | 800      | M. FREE           |     | 3:41.95  | ROBERT MACDONALD  | USA   |
| 1:28.58 | BOB BEST          | USA | 1:23.76     | MASAYASU KAMIYA   | JPN   | 12:07.94 | HIROSHI YOSHIMURA | JPN | 3:42.17  | WERNER ASSMANN    | GER   |
| 2:51.24 | BURWELL JONES     | USA | 1:25.47     | HITOSHI KATO      | JPN   | 13:25.96 | FRANK PIEMME      | USA | 3:42.27  | IWAO YAMAMOTO     | JPN   |
| 2:53.22 | S.SEKIKAWA        | JPN | 1:26.04     | TSUTOMU KAJIHARA  | JPN   | 13:46.74 | ED KERSWILL       | USA | 3:48.60  | JAN ZIEGLER       | CZE   |
| 2:53.59 | YOSHI OYAKAWA     | USA | 1:26.20     | BOB BEST          | USA   | 13:49.21 | HARVEY PROSSER    | USA | 3:49.58  | FRANK PIEMME      | USA   |
| 2:58.91 | MAMPEI SEINO      | JPN | 1:26.35     | CLARKE MITCHELL   | USA   | 14:10.69 | GERHARD GROSSER   | GER | 3:50.57  | FRED LEIPZIGER    | USA   |
| 3:11.14 | ALAN RAPPERPORT   | USA | 1:26.91     | ALAN RAPPERPORT   | USA   | 14:21.65 | JOHN MILLS        | AUS | 3:53.10  | WATARU ASAOKA     | JPN   |
| 3:11.79 | GRAHAM JOHNSTON   | USA | 1:27.70     | WALTER LINCOLN    | USA   | 14:40.17 | FRANK SAMOYA      | USA | 3:57.41  | BIFF LOWRY        | USA   |
| 3:11.84 | CLARKE MITCHELL   | USA | 1:27.98     | YOSHINAO KAMEI    | JPN   | 14:41.10 | JAIME PORTILLA    | MEX | 50       | M. FLY            |       |
| 3:14.15 | ROBERT MAYO       | USA | 1:28.15     | ARTHUR INGLIS     | CAN   | 14:55.73 | ROLF STELLRECHT   | GER | 38.52    | FRANK PIEMME      | USA   |
| 3:14.73 | HORACE KNOWLTON   | USA | 2:00        | M. I.M.           |       | 14:59.38 | JORDAN WOLLE      | USA | 40.20    | TOSHIO TAJIMA     | JPN   |
| 3:14.76 | ARTHUR INGLIS     | CAN | 2:51.73     | BURWELL JONES     | USA   | 1500     | M. FREE           |     | 40.88    | HORST FRITSCHE    | GER   |
| 50      | M. BRST           |     | 3:08.94     | MASAYASU KAMIYA   | JPN   | 22:52.00 | HIROSHI YOSHIMURA | JPN | 40.90    | KAREL HUDEC       | CZE   |
| 39.55   | RON JOHNSON       | USA | 3:10.73     | TSUTOMU KAJIHARA  | JPN   | 27:15.38 | HARVEY PROSSER    | USA | 41.04    | GERHARD GIERA     | GER   |
| 39.78   | SHUNSAKU TAKAHIRA | JPN | 3:13.68     | GRAHAM JOHNSTON   | USA   | 27:33.47 | GERHARD GROSSER   | GER | 41.28    | Y.MATSUURA        | JPN   |
| 39.85   | TSUTOMU KAJIHARA  | JPN | 3:13.72     | BOB BEST          | USA   | 27:45.92 | DON KORTEN        | USA | 41.65    | TAMON YOSHIDA     | JPN   |
| 40.10   | VITEZSLAV SVOZIL  | CZE | 3:15.39     | ALAN RAPPERPORT   | USA   | 28:02.76 | JORDAN WOLLE      | USA | 42.02    | MINORU NAGASHIMA  | JPN   |
| 40.80   | ANDREW REID       | GBR | 3:16.01     | JOSEF KREJCI      | SUI   | 28:12.79 | THOMAS CURRIE     | AUS | 42.07    | SILVANO DANIELI   | ITA   |
| 40.93   | KIJIRO TAKEGAKI   | JPN | 3:19.90     | HERB KERN         | USA   | 29:30.33 | TREVOR WILSON     | NZL | 42.38    | ROLF STELLRECHT   | GER   |
| 40.94   | BOB BEST          | USA | 3:22.05     | ARTHUR INGLIS     | CAN   | 29:39.54 | FRANK SAMOYA      | USA | 100      | M. FLY            |       |
| 41.24   | MAMORU TANAKA     | JPN | 3:24.33     | JORG FAUST        | GER   | 29:56.05 | LEWIS PATRIE      | USA | 1:37.84  | KARL HAUTER       | GER   |
| 41.26   | ERIVALDO LIMA     | BRA | 4:00        | M. I.M.           |       | 29:59.00 | EDWARD HOY        | GBR | 1:40.30  | MINORU NAGASHIMA  | JPN   |
| 41.33   | LENNART BROCK     | SWE | 6:21.46     | BURWELL JONES     | USA   | 50       | M. BACK           |     | 1:40.62  | SILVANO DANIELI   | ITA   |
| 100     | M. BRST           |     | 7:01.81     | BOB BEST          | USA   | 41.85    | ZENJI NAKAHARI    | JPN | 1:42.07  | JAN ZIEGLER       | CZE   |
| 1:25.11 | RON JOHNSON       | USA | 7:11.51     | ALAN RAPPERPORT   | USA   | 42.42    | PAUL HUTINGER     | USA | 1:44.41  | ROBERT MACDONALD  | USA   |
| 1:27.58 | SHUNSAKU TAKAHIRA | JPN | 7:16.87     | MASAYASU KAMIYA   | JPN   | 43.32    | DUANE DRAVES      | USA | 1:44.87  | THOMAS MAINE      | USA   |
| 1:28.76 | TSUTOMU KAJIHARA  | JPN | 7:18.08     | JORG FAUST        | GER   | 44.46    | F.YANAGISAWA      | JPN | 1:46.21  | FRANK PIEMME      | USA   |
| 1:31.90 | VITEZSLAV SVOZIL  | CZE | 7:29.10     | SEYMOUR BANNING   | GBR   | 44.53    | ROD BAKER         | AUS | 2:03.66  | ALDO MANFROI      | BRA   |
| 1:32.40 | BOB BEST          | USA | 7:29.54     | PATRICK GALVIN    | AUS   | 44.74    | G.SHIMOMOTO       | JPN | 2:03.74  | H.MURAMATSU       | JPN   |
| 1:33.39 | JOHN KORTHEUER    | USA | 7:35.19     | C WEATHERBEE      | USA   | 44.92    | DALE WEBSTER      | USA | 2:04.62  | HARVEY PROSSER    | USA   |
| 1:33.61 | IWAO NARUSE       | JPN | 7:36.01     | CHRISTOPHER SMITH | CAN   | 45.70    | JAN ZIEGLER       | CZE | 200      | M. FLY            |       |
| 1:33.63 | ERIVALDO LIMA     | BRA | 7:42.43     | HORACE KNOWLTON   | USA   | 46.23    | SHIZUO KONISHI    | JPN | 3:45.97  | MINORU NAGASHIMA  | JPN   |
| 1:33.64 | JORG FAUST        | GER | *****       | *****             | ***** | 46.33    | GERHARD GROSSER   | GER | 3:50.02  | THOMAS MAINE      | USA   |
| 1:35.28 | TAKAO OKAMOTO     | JPN | M E N 75-79 | *****             | ***** | 100      | M. BACK           |     | 3:51.90  | SILVANO DANIELI   | ITA   |
| 200     | M. BRST           |     | *****       | *****             | ***** | 1:33.46  | ZENJI NAKAHARI    | JPN | 4:30.90  | FRANK PIEMME      | USA   |
| 3:12.98 | RON JOHNSON       | USA | 50          | M. FREE           |       | 1:35.58  | DUANE DRAVES      | USA | 5:07.27  | H.MURAMATSU       | JPN   |
| 3:14.66 | TSUTOMU KAJIHARA  | JPN | 32.20       | TAKAHIKO NOMA     | JPN   | 1:36.52  | PAUL HUTINGER     | USA | 5:15.61  | ART KELLEY        | USA   |
| 3:21.51 | SHUNSAKU TAKAHIRA | JPN | 32.26       | FRANK PIEMME      | USA   | 1:37.34  | DALE WEBSTER      | USA | 8:03.89  | DOUG STRONG       | USA   |
| 3:26.06 | ERIVALDO LIMA     | BRA | 33.12       | SHOICHI SHIDA     | JPN   | 1:38.19  | G.SHIMOMOTO       | JPN | 100      | M. I.M.           |       |
| 3:31.70 | VITEZSLAV SVOZIL  | CZE | 33.38       | ZENJI NAKAHARI    | JPN   | 1:38.76  | F.YANAGISAWA      | JPN | 1:29.43  | ZENJI NAKAHARI    | JPN   |
| 3:31.83 | JORG FAUST        | GER | 33.38       | ZENJI NAKAHARI    | JPN   | 1:39.46  | WILLIAM HAYNES    | USA | 1:31.26  | FRANK PIEMME      | USA   |
| 3:31.91 | TAKAO OKAMOTO     | JPN | 34.11       | TOSHIMI INATOMI   | JPN   | 1:39.80  | JAN ZIEGLER       | CZE | 1:31.32  | SHOICHI SHIDA     | JPN   |
| 3:32.16 | ERICH NEUMANN     | GER | 34.14       | HIROSHI YAMAZAKI  | JPN   | 1:43.77  | ANTON BIEDERMANN  | BRA | 1:31.52  | KARL HAUTER       | GER   |
| 3:33.84 | IWAO NARUSE       | JPN | 34.14       | TOSHIO SHIMIZU    | JPN   | 1:45.13  | GERHARD GROSSER   | GER | 1:32.03  | FRED LEIPZIGER    | USA   |
| 3:36.29 | NOBORU UMEHARA    | JPN | 34.30       | TAMON YOSHIDA     | JPN   | 200      | M. BACK           |     | 1:33.06  | HORST FRITSCHE    | GER   |
| 50      | M. FLY            |     | 34.39       | MINORU NAGASHIMA  | JPN   | 3:20.75  | KARL HAUTER       | GER | 1:33.34  | ROBERT MACDONALD  | USA   |
| 33.12   | RON JOHNSON       | USA | 34.53       | ALLEN MILES       | GBR   | 3:34.30  | G.SHIMOMOTO       | JPN | 1:33.90  | JAN ZIEGLER       | CZE   |
| 35.28   | TSUTOMU KAJIHARA  | JPN | 100         | M. FREE           |       | 3:38.40  | JAN ZIEGLER       | CZE | 1:35.49  | LOTHAR KREMER     | GER   |
| 35.32   | TAKASHI HAYASHI   | JPN | 1:14.44     | SHOICHI SHIDA     | JPN   | 3:39.86  | F.YANAGISAWA      | JPN | 1:35.92  | MILES ALLEN       | GBR   |
| 35.64   | MASAYASU KAMIYA   | JPN | 1:17.04     | FRANK PIEMME      | USA   | 3:45.15  | PAUL HUTINGER     | USA | 200      | M. I.M.           |       |
| 35.78   | HERB KERN         | USA | 1:17.19     | HIROSHI YAMAZAKI  | JPN   | 3:50.09  | Y.KAWAMOTO        | JPN | 3:16.79  | KARL HAUTER       | GER   |
| 35.90   | ALDO EMINENTE     | FRA | 1:17.62     | TOSHIO SHIMIZU    | JPN   | 3:50.14  | GERHARD GROSSER   | GER | 3:33.32  | FRANK PIEMME      | USA   |
| 36.68   | SEYMOUR BANNING   | GBR | 1:18.02     | HIROSHI YOSHIMURA | JPN   | 3:54.43  | THOMAS MAINE      | USA | 3:33.40  | JAN ZIEGLER       | CZE   |
| 36.71   | HEINZ KRAUSS      | GER | 1:19.87     | MINORU NAGASHIMA  | JPN   | 3:57.63  | LEE ARTH          | USA | 3:34.96  | ROBERT MACDONALD  | USA   |
| 36.88   | JOJI OSHIMA       | JPN | 1:19.91     | KARL HAUTER       | GER   | 3:58.85  | DALE WEBSTER      | USA | 3:42.17  | HIROSHI IMAIZUMI  | JPN   |
| 37.33   | BURWELL JONES     | USA | 1:20.59     | ALLEN MILES       | GBR   | 50       | M. BRST           |     | 3:42.32  | ROLF STELLRECHT   | GER   |
| 1:20.54 | RON JOHNSON       | USA | 1:20.64     | TOSHIMI INATOMI   | JPN   | 41.29    | TOSHIO TAJIMA     | JPN | 3:42.50  | THOMAS MAINE      | USA   |
| 1:22.84 | TAKASHI HAYASHI   | JPN | 1:21.76     | JIRO KOBAYASHI    | JPN   | 42.13    | ZENJI NAKAHARI    | JPN | 3:44.02  | SILVANO DANIELI   | ITA   |
| 1:25.24 | SEYMOUR BANNING   | GBR | 2:00        | M. FREE           |       | 42.33    | GERHARD GIERA     | GER | 3:55.70  | NOBUMASA YAMASAKI | JPN   |
| 1:27.73 | MASAYASU KAMIYA   | JPN | 2:48.26     | HIROSHI YOSHIMURA | JPN   | 42.40    | CHARLES URSTADT   | USA | 4:00.37  | ALDO MANFROI      | BRA   |
| 1:30.17 | HERB KERN         | USA | 3:00.37     | TOSHIO SHIMIZU    | JPN   | 42.76    | HORST FRITZSCHE   | GER | 400      | M. I.M.           |       |
| 1:35.34 | CURT ZEISS        | GER | 3:00.97     | HIROSHI YAMAZAKI  | JPN   | 43.11    | IWAO YAMAMOTO     | JPN | 7:00.89  | KARL HAUTER       | GER   |
| 1:35.35 | TAKASHI SATO      | JPN | 3:01.73     | FRANK PIEMME      | USA   | 43.42    | ROBERT MACDONALD  | USA | 7:44.85  | THOMAS MAINE      | USA   |
| 1:35.39 | TOSHIMASA MINAMI  | JPN | 3:03.86     | HIROSHI IMAIZUMI  | JPN   | 43.53    | RYUJI HASHIMOTO   | JPN | 8:48.29  | H.MURAMATSU       | JPN   |
| 1:35.50 | ERIVALDO LIMA     | BRA | 3:04.52     | JIRO KOBAYASHI    | JPN   | 43.83    | HORST FRITSCHE    | GER | 9:26.46  | PERE TRES         | ESP   |
| 1:39.34 | JORG FAUST        | GER | 3:06.66     | ROD BAKER         | AUS   | 44.21    | FRED LEIPZIGER    | USA | 9:54.86  | EMILIANA LLANO    | MEX   |
| 3:08.60 | TAKASHI HAYASHI   | JPN | 3:07.19     | TOSHIMI INATOMI   | JPN   | 100      | M. BRST           |     | 12:58.27 | DOUG STRONG       | USA   |
| 3:22.72 | SEYMOUR BANNING   | GBR | 3:08.80     | TORU KIMURA       | JPN   | 1:34.87  | ZENJI NAKAHARI    | JPN | *****    | *****             | ***** |
| 3:35.71 | HERB KERN         | USA | 3:11.17     | DUANE DRAVES      | USA   | 1:35.87  | ROBERT MACDONALD  | USA | *****    | M E N 80-84       | ***** |
| 3:46.12 | MASAYASU KAMIYA   | JPN | 400         | M. FREE           |       | 1:36.91  | KARL HAUTER       | GER | *****    | *****             | ***** |
| 3:48.95 | TOSHIMASA MINAMI  | JPN | 6:24.06     | FRANK PIEMME      | USA   | 1:37.72  | TOSHIO TAJIMA     | JPN | *****    | *****             | ***** |
|         |                   |     | 6:30.09     | TOSHIO SHIMIZU    | JPN   | 1:40.27  | IWAO YAMAMOTO     | JPN | 50       | M. FREE           |       |
|         |                   |     | 6:42.65     | GERHARD GROSSER   | GER   | 1:40.28  | WERNER ASSMANN    | GER | 33.08    | KEIJIRO NAKAMURA  | JPN   |
|         |                   |     | 6:42.70     | DOMENICO CASOLINO | ITA   | 1:40.40  | FRANK PIEMME      | USA | 35.70    | C.BRUNELLESCHI    | ITA   |



FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 2003

|              |                   |     |             |                   |     |             |                   |                  |              |                  |     |
|--------------|-------------------|-----|-------------|-------------------|-----|-------------|-------------------|------------------|--------------|------------------|-----|
| 35.74        | NILS KLING        | SWE | 1:46.13     | KAIZO WATANABE    | JPN | 100 M. I.M. | 19:04.68          | WILLIAM JOHNSTON | USA          |                  |     |
| 36.92        | ROGER HALIMI      | FRA | 1:48.75     | KEVIN VICKERY     | AUS | 1:40.43     | SADAYUKI WAKAI    | JPN              | 20:33.81     | LYNN SURLS       | USA |
| 37.00        | MIKE BIDNOCK      | CAN | 1:50.75     | CLARENCE WEBB     | USA | 1:44.10     | JURGEN SCHMIDT    | USA              | 20:41.46     | JIM TRIOLO       | USA |
| 37.72        | JURGEN SCHMIDT    | USA | 1:51.21     | H.MIYAZAKI        | JPN | 1:47.36     | NILS KLING        | SWE              | 21:36.74     | HOWARD HOLMES    | NZL |
| 37.80        | ANDREW HOLDEN     | USA | 1:52.60     | JAMES EDWARDS     | USA | 1:47.88     | ISAO FUNAMOTO     | JPN              | 25:46.56     | FRANK TILLOTSON  | USA |
| 38.27        | ATTILIO CHIODO    | ITA | 1:53.75     | H.REITEMEYER      | GER | 1:47.90     | ANDREW HOLDEN     | USA              | 1500 M. FREE |                  |     |
| 38.31        | RENNIE SALATI     | RSA | 200 M. BACK |                   |     | 1:49.42     | LUDWIG GEBURZI    | GER              | 32:43.03     | NILS FERM        | SWE |
| 38.32        | ISAMU TAMURA      | JPN | 3:10.06     | KEIJIRO NAKAMURA  | JPN | 1:51.03     | ROGERS HOLMES     | USA              | 39:09.21     | LYNN SURLS       | USA |
| 100 M. FREE  |                   |     | 3:49.84     | KEVIN VICKERY     | AUS | 1:54.27     | HIDEO TAKIGUCHI   | JPN              | 41:06.34     | WILLIAM JOHNSTON | USA |
| 1:16.09      | KEIJIRO NAKAMURA  | JPN | 3:56.15     | KAIZO WATANABE    | JPN | 1:57.67     | CLARENCE WEBB     | USA              | 50 M. BACK   |                  |     |
| 1:23.76      | NILS KLING        | SWE | 3:56.27     | ROGERS HOLMES     | USA | 1:59.22     | KAIZO WATANABE    | JPN              | 46.35        | SHOICHI SAKAMOTO | JPN |
| 1:26.19      | KEVIN VICKERY     | AUS | 4:00.55     | JURGEN SCHMIDT    | USA | 200 M. I.M. |                   |                  | 47.03        | GORO KOBAYASHI   | JPN |
| 1:28.03      | JURGEN SCHMIDT    | USA | 4:06.10     | CLARENCE WEBB     | USA | 4:01.06     | JURGEN SCHMIDT    | USA              | 49.38        | TOSHIJI SATO     | JPN |
| 1:30.23      | ANDREW HOLDEN     | USA | 4:07.52     | JAMES EDWARDS     | USA | 4:02.57     | ISAO FUNAMOTO     | JPN              | 49.86        | NILS FERM        | SWE |
| 1:30.82      | GILBERT YOUNG     | USA | 4:12.45     | H.MIYAZAKI        | JPN | 4:12.29     | FERNANDO NAJERA   | MEX              | 51.16        | RYUJI FUJIKAWA   | JPN |
| 1:31.13      | KOSAKU ASADA      | JPN | 4:29.65     | RICHARD AVERY     | USA | 4:13.77     | LUDWIG GEBURZI    | GER              | 51.27        | JOHN MERRILL     | USA |
| 1:31.64      | ISAMU TAMURA      | JPN | 4:31.36     | MINORU FUKUI      | JPN | 4:23.36     | HIRONARI UEDA     | JPN              | 51.59        | HIROSHI HIRAE    | JPN |
| 1:33.25      | KATSUZO SHIRAYAMA | JPN | 50 M. BRST  |                   |     | 4:32.48     | TOM MC CALL       | USA              | 53.42        | TOKUSHI KOMEDA   | JPN |
| 1:33.65      | MINORU FUKUI      | JPN | 48.71       | SADAYUKI WAKAI    | JPN | 4:34.43     | CLARENCE WEBB     | USA              | 53.78        | M.FUKUSHIMA      | JPN |
| 200 M. FREE  |                   |     | 48.77       | TAKESHI YASUKAWA  | JPN | 4:40.33     | KAIZO WATANABE    | JPN              | 56.24        | TOM HAVER        | USA |
| 3:09.57      | KEVIN VICKERY     | AUS | 49.08       | LUDWIG GEBURZI    | GER | 4:41.64     | MINORU FUKUI      | JPN              | 100 M. BACK  |                  |     |
| 3:12.82      | JURGEN SCHMIDT    | USA | 49.30       | KOSAKU ASADA      | JPN | 4:53.23     | LEON WALKDEN      | GBR              | 1:41.82      | GORO KOBAYASHI   | JPN |
| 3:23.31      | GILBERT YOUNG     | USA | 49.76       | H.REITEMEYER      | GER | 400 M. I.M. |                   |                  | 1:55.88      | JOHN MERRILL     | USA |
| 3:28.49      | SHIGEMASA OKAJIMA | JPN | 49.80       | ISAO FUNAMOTO     | JPN | 8:33.86     | JURGEN SCHMIDT    | USA              | 1:56.28      | TOSHIJI SATO     | JPN |
| 3:30.46      | NILS KLING        | SWE | 49.86       | FERNANDO NAJERA   | MEX | 9:23.32     | HIRONARI UEDA     | JPN              | 1:56.37      | RYUJI FUJIKAWA   | JPN |
| 3:30.58      | JAMES EDWARDS     | USA | 50.03       | WALTER MINNICH    | GER | 10:03.80    | TOM MC CALL       | USA              | 2:01.04      | NILS FERM        | SWE |
| 3:42.55      | MINORU FUKUI      | JPN | 51.31       | TOM DOWELL        | USA | 10:27.62    | ANTONIO FIGUEREDO | ESP              | 2:06.45      | JOHN WHITE       | USA |
| 3:44.72      | YAHEI SAKOTA      | JPN | 51.33       | KATSUZO SHIRAYAMA | JPN | 11:51.89    | CASPAR HAUPT      | CAN              | 2:10.46      | WILLI WINDEL     | GER |
| 3:50.11      | HAROLD DODD       | GBR | 100 M. BRST |                   |     | 12:17.30    | WALLY MARTIN      | NZL              | 2:15.76      | JEAN LEEMPUT     | FRA |
| 3:54.77      | KAIZO WATANABE    | JPN | 1:49.98     | ISAO FUNAMOTO     | JPN | 13:07.05    | JAY CHARLES       | USA              | 2:19.87      | TOM HAVER        | USA |
| 3:54.77      | CASPAR HAUPT      | CAN | 1:51.59     | H.REITEMEYER      | GER | 13:23.15    | VLADMIR OUCHAKOFF | USA              | 2:26.19      | JIM TRIOLO       | USA |
| 400 M. FREE  |                   |     | 1:53.26     | KOSAKU ASADA      | JPN | 17:22.50    | T JOHNSON         | USA              | 200 M. BACK  |                  |     |
| 6:54.04      | JURGEN SCHMIDT    | USA | 1:53.62     | TAKESHI YASUKAWA  | JPN |             |                   |                  | 4:09.25      | NILS FERM        | SWE |
| 7:00.11      | KEVIN VICKERY     | AUS | 1:54.73     | LUDWIG GEBURZI    | GER | *****       |                   |                  | 4:17.19      | JOHN MERRILL     | USA |
| 7:11.43      | NILS KLING        | SWE | 1:54.81     | SIEGFRIED PANKOW  | GER | M E N 85-89 |                   |                  | 4:21.57      | RYUJI FUJIKAWA   | JPN |
| 7:55.34      | JAMES EDWARDS     | USA | 1:55.46     | FERNANDO NAJERA   | MEX | *****       |                   |                  | 4:43.81      | WILLI WINDEL     | GER |
| 8:04.53      | HAROLD DODD       | GBR | 2:00.78     | KATSUZO SHIRAYAMA | JPN | 50 M. FREE  |                   |                  | 5:17.04      | TOM HAVER        | USA |
| 8:12.16      | MINORU FUKUI      | JPN | 2:02.15     | ALFRED SCHULHOF   | CAN | 37.08       | SHOICHI SAKAMOTO  | JPN              | 5:23.22      | JOHN WHITE       | USA |
| 8:25.65      | FRANK WHITE       | CAN | 2:07.15     | TOMISHI YAMADA    | JPN | 37.96       | WILLIAM JOHNSTON  | USA              | 5:31.98      | JIM TRIOLO       | USA |
| 8:37.31      | JAMES MASTERSON   | GBR | 200 M. BRST |                   |     | 42.99       | M.FUKUSHIMA       | JPN              | 5:41.00      | BRUD CLEAVELAND  | USA |
| 8:39.98      | CASPAR HAUPT      | CAN | 3:57.72     | FERNANDO NAJERA   | MEX | 43.18       | BRUD CLEAVELAND   | USA              | 5:46.23      | ALBERT FISHER    | USA |
| 8:47.70      | ANTONIO FIGUEREDO | ESP | 4:00.44     | ISAO FUNAMOTO     | JPN | 43.79       | HIDEYA FUJII      | JPN              | 5:53.29      | FRANK TILLOTSON  | USA |
| 800 M. FREE  |                   |     | 4:37.04     | NORMAN GARSOE     | USA | 43.84       | TOKUSHI KOMEDA    | JPN              | 50 M. BRST   |                  |     |
| 14:05.05     | JURGEN SCHMIDT    | USA | 4:44.12     | ALFRED SCHULHOF   | CAN | 44.35       | NILS FERM         | SWE              | 50.87        | HIROMU YOSHIMOTO | JPN |
| 14:36.00     | KEVIN VICKERY     | AUS | 4:46.16     | TOM MC CALL       | USA | 46.34       | HEINZ SIEGEL      | GER              | 52.65        | PAUL KRUP        | USA |
| 14:51.00     | NILS KLING        | SWE | 4:48.94     | RICHARD AVERY     | USA | 46.38       | LYNN SURLS        | USA              | 52.97        | Y.MIYAMOTO       | JPN |
| 18:00.00     | HAROLD DODD       | GBR | 4:53.74     | ABRASHA BRAININ   | USA | 46.48       | RYUJI FUJIKAWA    | JPN              | 56.27        | BRUD CLEAVELAND  | USA |
| 18:00.78     | ANTONIO FIGUEREDO | ESP | 5:12.99     | WALTER LYNCH      | USA | 100 M. FREE |                   |                  | 1:00.86      | WILLIAM JOHNSTON | USA |
| 18:08.08     | CASPAR HAUPT      | CAN | 5:15.16     | CASPAR HAUPT      | CAN | 1:29.92     | GORO KOBAYASHI    | JPN              | 1:03.19      | ALDO CAPUTI      | ITA |
| 18:40.22     | CLARENCE WEBB     | USA | 5:27.75     | ANDRE DEVILLARD   | FRA | 1:40.51     | RYUJI FUJIKAWA    | JPN              | 1:03.78      | CRISOFORO IBANEZ | MEX |
| 18:51.02     | FRANCISCO BUJ     | ESP | 50 M. FLY   |                   |     | 1:41.15     | TOKUSHI KOMEDA    | JPN              | 1:04.00      | HEINZ SIEGEL     | GER |
| 19:16.21     | PETER LEE         | USA | 44.70       | ANDREW HOLDEN     | USA | 1:46.08     | WILLIAM JOHNSTON  | USA              | 1:05.07      | WILLI WINDEL     | GER |
| 20:25.77     | ZYGMUN KASNER     | USA | 46.43       | ROGERS HOLMES     | USA | 1:49.48     | HEINZ SIEGEL      | GER              | 1:05.29      | SEIO FUKUOKA     | JPN |
| 1500 M. FREE |                   |     | 48.12       | FERNANDO NAJERA   | MEX | 1:49.67     | BRUD CLEAVELAND   | USA              | 100 M. BRST  |                  |     |
| 27:07.79     | JURGEN SCHMIDT    | USA | 48.23       | JURGEN SCHMIDT    | USA | 1:50.17     | LYNN SURLS        | USA              | 2:11.26      | HIROMU YOSHIMOTO | JPN |
| 29:07.77     | GILBERT YOUNG     | USA | 48.66       | LUDWIG GEBURZI    | GER | 1:50.33     | NILS FERM         | SWE              | 2:18.24      | BRUD CLEAVELAND  | USA |
| 32:11.96     | HAROLD DODD       | GBR | 48.88       | KAKUICHI YANAGAWA | JPN | 1:51.65     | AUSTIN NEWMAN     | USA              | 2:32.03      | WILLIAM JOHNSTON | USA |
| 33:13.05     | TOM MC CALL       | USA | 51.90       | NILS KLING        | SWE | 1:52.14     | HIROSHI HIRAE     | JPN              | 2:39.29      | JACK MATHIESON   | AUS |
| 34:26.49     | CASPAR HAUPT      | CAN | 53.71       | HIRONARI UEDA     | JPN | 200 M. FREE |                   |                  | 2:40.51      | SHOJI MIZUTA     | JPN |
| 35:27.59     | PETER LEE         | USA | 58.94       | TOM DOWELL        | USA | 3:43.53     | RYUJI FUJIKAWA    | JPN              | 2:41.37      | CRISOFORO IBANEZ | MEX |
| 36:25.48     | CLARENCE WEBB     | USA | 1:00.39     | STUART SOMERVILLE | AUS | 3:59.18     | TOKUSHI KOMEDA    | JPN              | 2:44.53      | MASAHARU HAMANO  | JPN |
| 40:30.50     | HAL YOUNG         | USA | 100 M. FLY  |                   |     | 4:05.66     | NILS FERM         | SWE              | 2:44.78      | JIM PANTON       | CAN |
| 43:01.69     | ROBERT CHAN       | AUS | 1:57.20     | KAKUICHI YANAGAWA | JPN | 4:15.72     | SABURO IWASAKI    | JPN              | 2:49.69      | ROMAN JEZEK      | CAN |
| 43:26.24     | JOSEPH MALLON     | USA | 1:59.33     | LUDWIG GEBURZI    | GER | 4:26.57     | WILLIAM JOHNSTON  | USA              | 3:00.40      | ANTOINE MAZOYER  | FRA |
| 50 M. BACK   |                   |     | 2:01.64     | ANDREW HOLDEN     | USA | 4:26.78     | LYNN SURLS        | USA              | 200 M. BRST  |                  |     |
| 38.26        | KEIJIRO NAKAMURA  | JPN | 2:04.42     | HIRONARI UEDA     | JPN | 4:39.95     | JEAN LEEMPUT      | FRA              | 5:14.08      | NILS FERM        | SWE |
| 45.61        | GORO TANIGUCHI    | JPN | 2:11.87     | JURGEN SCHMIDT    | USA | 4:42.08     | JOSE LUIS GLORIA  | BRA              | 5:18.09      | BRUD CLEAVELAND  | USA |
| 45.62        | ROGERS HOLMES     | USA | 2:36.15     | ANTONIO FIGUEREDO | ESP | 4:43.68     | HEINZ SIEGEL      | GER              | 5:46.89      | WILLIAM JOHNSTON | USA |
| 46.00        | C.BRUNELLESCHI    | ITA | 2:51.50     | BOB DOUD          | USA | 4:44.00     | BRUD CLEAVELAND   | USA              | 5:53.60      | JACK MATHIESON   | AUS |
| 46.63        | KAIZO WATANABE    | JPN | 3:09.41     | CASPAR HAUPT      | CAN | 400 M. FREE |                   |                  | 5:55.65      | JIM PANTON       | CAN |
| 47.07        | NILS KLING        | SWE | 3:10.70     | WALLY MARTIN      | NZL | 8:17.04     | NILS FERM         | SWE              | 6:01.23      | AUSTIN NEWMAN    | USA |
| 48.75        | JURGEN SCHMIDT    | USA | 3:18.57     | JAY CHARLES       | USA | 8:53.26     | JOHN MERRILL      | USA              | 6:11.95      | CRISOFORO IBANEZ | MEX |
| 49.00        | ROGER HALIMI      | FRA | 200 M. FLY  |                   |     | 8:58.10     | RYUJI FUJIKAWA    | JPN              | 6:19.34      | MASAHARU HAMANO  | JPN |
| 49.12        | CLARENCE WEBB     | USA | 4:38.47     | HIRONARI UEDA     | JPN | 9:33.93     | HEINZ SIEGEL      | GER              | 9:03.01      | FRANK TILLOTSON  | USA |
| 49.38        | ANDREW HOLDEN     | USA | 5:45.94     | ANTONIO FIGUEREDO | ESP | 9:46.21     | WILLIAM JOHNSTON  | USA              | 50 M. FLY    |                  |     |
| 100 M. BACK  |                   |     | 6:15.79     | BOB DOUD          | USA | 9:55.70     | JIM TRIOLO        | USA              | 54.23        | PAUL KRUP        | USA |
| 1:25.77      | KEIJIRO NAKAMURA  | JPN | 7:13.42     | JAY CHARLES       | USA | 11:00.97    | HOWARD HOLMES     | NZL              | 57.12        | WILLIAM JOHNSTON | USA |
| 1:44.58      | NILS KLING        | SWE | 8:52.12     | VLADMIR OUCHAKOFF | USA | 800 M. FREE |                   |                  | 1:09.07      | HEINZ SIEGEL     | GER |
| 1:45.66      | ROGERS HOLMES     | USA | 8:55.22     | CASPAR HAUPT      | CAN | 16:38.41    | NILS FERM         | SWE              | 1:10.09      | TOKUSHI KOMEDA   | JPN |
| 1:46.11      | JURGEN SCHMIDT    | USA | 9:14.16     | T JOHNSON         | USA | 17:47.94    | AUSTIN NEWMAN     | USA              | 1:24.43      | JOHN HARRISON    | GBR |



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|                           |     |                           |     |                         |     |                             |
|---------------------------|-----|---------------------------|-----|-------------------------|-----|-----------------------------|
| 100 M. FLY                |     | 50 M. BRST                |     | HAYLEY JOHN             |     | ANN-LOISE ARKTOFT           |
| 2:15.74 PAUL KRUP         | USA | 1:06.61 MASAHISA KANEKO   | JPN | ACADEMIA 4X1            | BRA | DIANA SUNDIN                |
| 2:25.92 ALDO CAPUTI       | ITA | 1:10.00 KAZUNAGA AKUTSU   | JPN |                         |     | BAVERYD ARMI                |
| 2:37.89 WILLIAM JOHNSTON  | USA | 1:14.56 WALTER SEIFERT    | GER | KARUPIKO                | JPN | 2:01.16 DDO CAN             |
| 200 M. FLY                |     | 1:15.02 R.REINSTADTLER    | GER | KUMIKO MAKIHATA         |     | ANN KOURI                   |
| 6:10.72 WILLIAM JOHNSTON  | USA | 1:48.62 GASTAO FIGUEIREDO | BRA | SHIHOKO YUKI            |     | E. MARIE HAKANSSON          |
| 100 M. I.M.               |     | 2:07.62 EUGENE LEHMAN     | CAN | AYANO YUKI              |     | LIANE VEZINA                |
| 1:32.47 HEINZ SIEGEL      | GER | 2:11.10 CLARENCE HAMILTON | USA | TOMOMI IKESAWA          |     | LORRAINE MACRAE             |
| 2:12.26 TOKUSHI KOMEDA    | JPN | 100 M. BRST               |     | YUKYU YOSHIOKAJ         | JPN | 2:02.28 HADRIAN MASTERS GBR |
| 2:12.26 WILLIAM JOHNSTON  | USA | 2:46.31 WALT PFEIFFER     | USA | ERI KAWANO              |     |                             |
| 2:12.82 BRUD CLEVELAND    | USA | 4:17.51 EUGENE LEHMAN     | CAN | YUKO TAKAHASHI          |     | CAMP HILL EDWAR GBR         |
| 2:21.80 ALDO CAPUTI       | ITA | 200 M. BRST               |     | KIYOKO TSUCHIDA         |     |                             |
| 2:23.84 SHOJI MIZUTA      | JPN | 5:35.74 MASAHISA KANEKO   | JPN | MASUMI BAMBA            |     | WOLVERHAMPTON M GBR         |
| 3:33.34 ALBERT FISHER     | USA | 5:58.17 WALT PFEIFFER     | USA | LSD                     | CAN | 2:02.60 FHM BIRMINGHAM GBR  |
| 200 M. I.M.               |     | 8:50.40 EUGENE LEHMAN     | CAN | STACEY CONNICK          |     | 2:04.67 GOLD USA            |
| 4:51.91 WILLIAM JOHNSTON  | USA | 50 M. FLY                 |     | MARKETA MYATT           |     | PEGGY MCDONNELL             |
| 5:08.19 ALDO CAPUTI       | ITA | 56.09 WALT PFEIFFER       | USA | ASHLEY CONYNGHAM        |     | CELIA DEVANNEY              |
| 400 M. I.M.               |     | 1:22.50 R.REINSTADTLER    | GER | SARAH WOODWORTH         |     | ANNE LABORWIT               |
| 11:07.74 WILLIAM JOHNSTON | USA | 1:57.73 EUGENE LEHMAN     | CAN | GIM VALLADOLID          | ESP | 2:02.62 BIRGIT LOHBERG      |
| *****                     |     | 2:25.23 CLARENCE HAMILTON | USA | POSADA                  |     | CFC FUTAMATAGAW JPN         |
| M E N 90-94               |     | 100 M. FLY                |     | MUYOZ                   |     | HIDEKO HORI                 |
| *****                     |     | 2:21.82 WALT PFEIFFER     | USA | LARGO                   |     | MACHIKO TAKEI               |
| 50 M. FREE                |     | 4:25.80 EUGENE LEHMAN     | CAN | SANCHEZ                 |     | HISAE NOJIMA                |
| 41.07 WOODY BOWERSOCK     | USA | 200 M. FLY                |     |                         |     | ASAKO SUZUKI                |
| 45.98 MASAHISA KANEKO     | JPN | 5:37.23 WALT PFEIFFER     | USA | AGE 120-159             |     |                             |
| 47.15 KAZUNAGA AKUTSU     | JPN | 9:14.77 EUGENE LEHMAN     | CAN | TEAM DASH               | JPN | 1:49.47 SDSM USA            |
| 47.28 R.REINSTADTLER      | GER | 100 M. I.M.               |     | MIHO OKUHARA            |     | K PIPES-NEILSEN             |
| 56.16 MITSUGU KONO        | JPN | 2:14.23 WALT PFEIFFER     | USA | YUKIKO OZAWA            |     | CAROLINE KRATTLI            |
| 56.24 L GENE CROSSET      | USA | 2:28.50 WOODY BOWERSOCK   | USA | CHIHIRO SAITO           |     | LYNNE LUND                  |
| 57.39 TAKEYOSHI OTA       | JPN | 2:29.66 R.REINSTADTLER    | GER | YAYOI SAKAMOTO          |     | JACKIE MARR                 |
| 57.67 TOKUO KISHIMOTO     | JPN | 3:42.26 EUGENE LEHMAN     | CAN | AZ&PC                   | NED | 2:10.03 SWIM NETWORK JPN    |
| 1:01.95 GASTAO FIGUEIREDO | BRA | 4:27.94 CLARENCE HAMILTON | USA | MARJA BLOEMZAAD         |     | KEIKO NAGANO                |
| 1:02.19 JARING TIMMERMAN  | CAN | 200 M. I.M.               |     | TAMARA VAN GORKOM       |     | MASAKO ENZAN                |
| 100 M. FREE               |     | 5:13.24 WALT PFEIFFER     | USA | ATIE PIJTAK             |     | YUMIKO SAEKI                |
| 1:39.26 WOODY BOWERSOCK   | USA | 7:45.59 EUGENE LEHMAN     | CAN | LIDIA VAN BON           |     | MISA FUNATSU                |
| 2:09.76 L GENE CROSSET    | USA | 400 M. I.M.               |     | OTTER                   | GBR | 2:14.01 YMCA CAN            |
| 2:31.17 JARING TIMMERMAN  | CAN | 11:15.65 WALT PFEIFFER    | USA | JANET MAYVILLE          |     | ANN SUMMERS                 |
| 2:57.10 EUGENE LEHMAN     | CAN | 15:45.53 EUGENE LEHMAN    | CAN | CHRISTINA ECHOLS        |     | HOLLY RATCLIFFE             |
| 3:38.47 SAMUEL JAIME      | MEX | *****                     |     | MARIJANA PRIMORAC       |     | SYLVIE LEPINE               |
| 200 M. FREE               |     | M E N 95-99               |     | KATIE OSBORNE           |     | CARLA YOUNG                 |
| 3:59.28 WOODY BOWERSOCK   | USA | *****                     |     | C O SHEFFIELD           | GBR | 1:56.87 JUST JPN            |
| 4:23.15 MASAHISA KANEKO   | JPN | 50 M. FREE                |     | ROMFORD TOWN            | GBR | 1:57.14 SACHIKO SAITO       |
| 4:41.18 L GENE CROSSET    | USA | 1:23.62 ALFREDO CHERCHI   | AUS | EMSC                    | CAN | 1:57.50 SETSUKO SATO        |
| 4:44.76 R.REINSTADTLER    | GER | 1:44.67 HANS HAHN         | GER | TANIA PENDERGAST        |     | TOSHIKO HARASHIMA           |
| 6:07.16 EUGENE LEHMAN     | CAN | 50 M. BACK                |     | KARIN DIEHL             |     | SETSUKO TANAKA              |
| 6:39.96 BOYD CAMPBELL     | USA | 1:39.02 ALFREDO CHERCHI   | AUS | SIUBHAN DRINNAN         |     | DONCASTER DOLPH AUS         |
| 400 M. FREE               |     | 1:45.41 HANS HAHN         | GER | DEBBIE YOUNGER          |     | MARGARET MOORE              |
| 9:37.35 WOODY BOWERSOCK   | USA | *****                     |     | CMSC                    | CAN | 1:57.51 JANET SAYERS        |
| 9:41.12 R.REINSTADTLER    | GER | M E N 100-104             |     | LAURA MACDONALD         |     | KAYE JARROTT                |
| 10:07.77 L GENE CROSSET   | USA | *****                     |     | SUSAN ROCKAFELLOW       |     | DONNA GADSBY                |
| 12:42.98 EUGENE LEHMAN    | CAN | RELAYS: WOMEN 200 M. FREE |     | TRISH SHEA              |     | LEVIN NZL                   |
| 800 M. FREE               |     | *****                     |     | LISA MENSINK            |     | LARRAINE KENT               |
| 19:31.83 WOODY BOWERSOCK  | USA | AGE 100-119               |     | ETOB                    | CAN | 1:59.23 SUZANNE PATERSON    |
| 25:46.22 EUGENE LEHMAN    | CAN | EMSC CAN 1:52.17          |     | KATHY RENARD            |     | LESLEY PARKIN               |
| 40:49.23 WOODY BOWERSOCK  | USA | DEBBIE YOUNGER            |     | CINDY BERTELINK         |     | REBECCA FERROTT             |
| 48:21.89 EUGENE LEHMAN    | CAN | K.VAN CAMPENHOUT          |     | AMANDA ATKINSON         |     | ISLAND TAKATSUK JPN         |
| 50 M. BACK                |     | SIUBHAN DRINNAN           |     | JOCELYN JAY             |     | NOBURO NITTA                |
| 55.41 R.REINSTADTLER      | GER | TANIA PENDERGAST          |     | IFK LIDINGO SK          | SWE | 1:59.57 HARUMI KOIDE        |
| 55.47 KAZUNAGA AKUTSU     | JPN | WITH H JPN 1:57.88        |     | CECILIA WANGEL          |     | KIYOKO IKEUCHI              |
| 56.15 MASAHISA KANEKO     | JPN | KEIKO IMAEDA              |     | YVONNE ERIKSSON         |     | MIKIKO YONEZAWA             |
| 57.09 WOODY BOWERSOCK     | USA | TOMOKO OGAWA              |     | ANNE-CARIN NORDIN       |     | GOLD USA                    |
| 1:11.35 GASTAO FIGUEIREDO | BRA | NORIKO OSUGI              |     | INGELA ASP              |     | JUNE KRAUSER                |
| 1:14.12 WALTER SEIFERT    | GER | JURI NAKAJIMA             |     | AGE 160-199             |     | DEBBIE CAVANAUGH            |
| 1:16.01 EUGENE LEHMAN     | CAN | DYNAMITE HIPS JPN 1:58.73 |     | SDSM USA 1:53.36        |     | BIRGIT LOHBERG              |
| 1:24.60 JARING TIMMERMAN  | CAN | NATSUKO YAMAUCHI          |     | JANET COOVER            |     | TANYA HANSON                |
| 1:36.47 SAMUEL JAIME      | MEX | RIE INAGUMA               |     | VICKY DAVIDSON          |     | OAHU KIOICHO JPN            |
| 2:01.41 KENNETH CLUTTON   | AUS | HANAKO UENO               |     | CAROLINE KRATTLI        |     | TOMOKO TAMPO                |
| 100 M. BACK               |     | JUNKO OKOCHI              |     | K PIPES-NEILSEN         |     | KIYOKO KOSUGI               |
| 2:06.00 WOODY BOWERSOCK   | USA | SK LAXEN SWE 1:59.18      |     | VIC CAN 1:54.64         |     | KEIKO YAMADA                |
| 2:09.05 MASAHISA KANEKO   | JPN | PERNILLA MARCUS           |     | SARAH MACDONALD         |     | MAYUMI TANABE               |
| 2:21.78 R.REINSTADTLER    | GER | M.KRISTIANSSON            |     | AVILA RHODES            |     | SAPPORO AC JPN              |
| 3:09.82 EUGENE LEHMAN     | CAN | ANNIKA GUSTAVSSON         |     | AMANDA WRIGHT           |     | SHIZUE BANDO                |
| 3:36.59 SAMUEL JAIME      | MEX | A.BERGQVIST               |     | JUDY WOODWARD           |     | KATSUKO KAGYAMA             |
| 200 M. BACK               |     | CFST CAN 1:59.51          |     | POLISENS IF SWE 2:00.13 |     | HIROMI HIRATA               |
| 4:47.45 WOODY BOWERSOCK   | USA | LAURA BEYNON              |     | KARIN BERGQVIST         |     | YOKO RYUTAKI                |
| 5:54.37 GASTAO FIGUEIREDO | BRA | MELANIE MARTIN            |     |                         |     | KINGS CORMORANT GBR         |
| 6:40.30 EUGENE LEHMAN     | CAN | LIANNA DOHERTY            |     |                         |     | 2:20.46                     |
| 7:16.23 SAMUEL JAIME      | MEX |                           |     |                         |     |                             |





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|                        |                             |         |         |                     |         |                      |
|------------------------|-----------------------------|---------|---------|---------------------|---------|----------------------|
| AGE 240-279            | HAKUYO S                    | JPN     | 3:02.62 | LOUISE MARTIN       |         | HISAE NOJIMA         |
| KINGS CORMORANT GBR    | SUMIYO YASUMOTO             |         |         | LAURA VON GLUCK     |         | MACHIKO TAKEI        |
|                        | TOMIKO SESHIMO              |         |         | TERE DERBEZ         |         | HIDEKO HORI          |
| OAHU KIOICHO JPN       | SACHIKO SATO                |         |         | TOTNES GBR          | 2:09.86 | TABY SIM SWE         |
| 2:23.91                | KIMIKO YOSHINAGA            |         |         |                     |         | 2:18.86              |
| KEIKO YAMADA           | SUKOYAKA ST JPN             | 3:07.41 |         | OTTER GBR           | 2:10.85 | AGNETA TIMBACK       |
| TOSHIKO SHIMIZU        | ISAKO WADA                  |         |         |                     |         | LILLIE LARSSON       |
| SATOKO KAWATA          | CHIZUKO TSUCHIDA            |         |         | NTMC CAN            | 2:11.21 | ERICA ERICSSON       |
| HIROKO KAYAMORI        | YOKO SATO                   |         |         |                     |         | GUNILLA RASMUSON     |
| ISLAND TAKATSUK JPN    | EIKO SATO                   |         |         | CHRISTINA ECHOLS    |         |                      |
| 2:24.55                | MYS HANAHATA JPN            | 3:11.62 |         | JANA CHVATAL        |         | AGE 200-239          |
| MICHIKO OTO            | MICHIYO OKAMOTO             |         |         | MARIJANA PRIMORAC   |         | OREG USA             |
| KEIKO FUJIMOTO         | KINUKO TANABE               |         |         | KATIE OSBORNE       |         | 2:18.96              |
| HISAKO SATO            | HIROKO ASANO                |         |         | EMSC CAN            | 2:12.10 | K ANDRUS-HUGHES      |
| KAZUE OZAKI            | MASUMI TANI                 |         |         | DEBBIE YOUNGER      |         | COLETTE CRABBE       |
| HAKUYO S JPN           |                             |         |         | KARIN DIEHL         |         | JOY WARD             |
| 2:28.37                |                             |         |         | ANDREA WUETHERICK   |         | JEANNE TEISHER       |
| FUMIKO NAKAMURA        |                             |         |         | TANIA PENDERGAST    |         | JUST JPN             |
| MITSUKO HAYASHI        |                             |         |         | ROMFORD GBR         | 2:15.04 | 2:25.11              |
| KEIKO KADOKURA         | AGE 320-359                 |         |         | IFK LIDINGO SK SWE  | 2:15.76 | SETSUKO TANAKA       |
| KAZUYO OHAMA           | SAPPORO MST JPN             | 3:46.91 |         | YVONNE ERIKSSON     |         | TOSHIKO HARASHIMA    |
| MSBC CAN               | SETSUKO NARITA              |         |         | ULRIKA WESTLUND     |         | SACHIKO SAITO        |
| 2:29.38                | KINKO MATSUMOTO             |         |         | ANNE-CARIN NORDIN   |         | SETUKO SATO          |
| BONNIE PRONK           | NAKA FUKUOKA                |         |         | CECILIA WANGEL      |         | SUNPLAZA JPN         |
| JOAN PARNELL           | FUMI MURATA                 |         |         | NEM USA             | 2:15.81 | 2:31.35              |
| COLLEEN NELSON         | *****                       |         |         | NICOLE BENSON       |         | TAKAKO NAKAHARA      |
| BARBARA WIENS          | RELAYS: WOMEN 200 M. MEDLEY |         |         | KERIN ELISENS       |         | TOYOMI EBIHARA       |
| JUEI CLUB JPN          | *****                       |         |         | CAROL PRESCOTT      |         | KOTOE MATSUMOTO      |
| 2:29.56                | AGE 100-119                 |         |         | TARA MCGARR         |         | SATOMI SANO          |
| HARUMI MASUOKA         | NTMC CAN                    | 2:06.78 |         | LASL CAN            | 2:16.11 | ISLAND TAKATSUK JPN  |
| TERUKO NISHISAKO       | DOMINIQUE CAMERON           |         |         | ANNICK PIRRO        |         | 2:34.82              |
| SETSUKO KOBAYASHI      | JANET MAYVILLE              |         |         | LORI FLOOD          |         | KAZUE OZAKI          |
| MIYOKO IMURA           | MARIJANA PRIMORAC           |         |         | MARTINA KINDLER     |         | YOSHIKO BAMBA        |
| TECH CAN               | KATIE OSBORNE               |         |         | JENN SAUNDERS       |         | MIKIKO YONEZAWA      |
| 2:35.50                | EMSC CAN                    | 2:07.78 |         | AZ&PC NED           | 2:16.22 | MICHIKO OTO          |
| MARG BAKISH            | T. CHRZANOWSKI              |         |         | HELMA KOOT          |         | HAKUYO S JPN         |
| JOYCE CLINTON          | K. VAN CAMPENHOUT           |         |         | TAMARA VAN GORKOM   |         | 2:38.98              |
| PAT DAVIS              | DEBBIE YOUNGER              |         |         | LIDIA VAN BON       |         | CHIEKO HIGASHI       |
| PAT NIBLETT            | TANIA PENDERGAST            |         |         | ATIE PIJTAK         |         | RYOKO OSAKI          |
| KYOELJUKU SUIO JPN     | DYNAMITE HIPS JPN           | 2:10.17 |         | AGE 160-199         |         | MIEKO MASUDA         |
| 2:36.44                | JUNKO OKOCHI                |         |         | SDSM USA            | 2:06.09 | HIROKO MASHIKO       |
| MITSUKO KOMURO         | HANAKO UENO                 |         |         | K PIPES-NEILSEN     |         | HIROSHIMA SC JPN     |
| SUEKO KIZAKI           | RIE INAGUMA                 |         |         | CAROLINE KRATTLI    |         | 2:40.27              |
| HIROKO HAYASHI         | NATSUKO YAMAUCHI            |         |         | VICKY DAVIDSON      |         | IKUKO YAMADA         |
| KIYOKO YAMAGISHI       | SK LAXEN SWE                | 2:11.66 |         | JANET COOVER        |         | MITSUOKO SAKAMOTO    |
| C. R. I. \INTTEGRA BRA | ANNIKA GUSTAVSSON           |         |         | ART USA             | 2:08.46 | MACHIKO OGATA        |
| 2:39.98                | M. KRISTIANSOON             |         |         | RAE DEWOODY         |         | YUKO SANADA          |
| OAHU KIOICHO JPN       | PERNILLA MARCUS             |         |         | MICOL SEIGEL        |         | SC DUSSELDORF GER    |
| 2:41.41                | A. BERGQVIST                |         |         | LISA CAPICIK        |         | 2:40.58              |
| K. TATSUKOSHI          | WITH H JPN                  | 2:11.83 |         | MICHELLE MARTIN     |         | BARBIE TIMMER        |
| TERUKO MURAKAMI        | KEIKO IMAEDA                |         |         | ANCM USA            | 2:14.30 | A. NIESWANDT         |
| ATSUKO TAKEUCHI        | HARUKA ASUWA                |         |         | L VAN PELT-DILLER   |         | KARIN WILK           |
| KEIKO ABE              | NORIKO OSUGI                |         |         | THERESE KOMINSKI    |         | BIRGIT OSSELMANN     |
| AGE 280-319            | JURI NAKAJIMA               |         |         | ELISABETH-E DEAL    |         | SAPPORO AC JPN       |
| SOIK HELLAS SWE        | CFST CAN                    | 2:14.28 |         | APRIL OLIVER        |         | 2:40.94              |
| 2:47.63                | MELANIE MARTIN              |         |         | VIC CAN             | 2:14.64 | SADAE TANAKA         |
| HARRIET BURE           | LAURA BEYNON                |         |         | SARAH MACDONALD     |         | MASAMI HASHIBA       |
| EVA-BRITT WIDAHN       | LIANNA DOHERTY              |         |         | JUDY WOODWARD       |         | HIROMI HIRATA        |
| MARIANNE GRANE         | HAYLEY JOHN                 |         |         | MAGGIE BIRD         |         | KATSUKO KAGEYAMA     |
| BRITT GRILLI           | BURL CAN                    | 2:14.69 |         | AVILA RHODES        |         | 1. PADERBORNER S GER |
| WIN FUKUCHIMA JPN      | PETRA HANEBERRY             |         |         | DDO CAN             | 2:16.29 | 2:41.59              |
| 2:51.90                | SARAH ARMSTRONG             |         |         | ANN KOURI           |         | ULLA KASTNER         |
| YOSHIKO ITO            | LEIGH SHAND                 |         |         | E. MARIE HAKANSSON  |         | I. KURTEN-SCHWABE    |
| AIKO GOTO              | PAVLA KAZDA                 |         |         | LIANE VEZINA        |         | UTE LENZ             |
| TAKAKO SATO            | BURL CAN                    | 2:17.56 |         | LORRAINE MACRAE     |         | GABI SEWALD          |
| YOSHIKO SATO           | ROBYN HEAD                  |         |         | POLISENS IF SWE     | 2:17.25 | WAVE CAN             |
| SAPPORO AC JPN         | SANDRA MCCLEARY             |         |         | DIANA SUNDIN        |         | 2:41.64              |
| 2:54.30                | JULIE SHELTON               |         |         | A. BRYNGELSSON      |         | KATHY GRAHAM         |
| AIKO HORII             | J. MCKINNELL                |         |         | ARMY BAVERD         |         | KERRY DUVAL          |
| KIKUE KANAMAKI         | DANA GUTHRIE                |         |         | ANN-LOISE ARKTOFT   |         | DALE FREEMAN         |
| YOSHI OGATA            | JENN BONNEY                 |         |         | GOLD USA            | 2:18.07 | ELSA DE LEEUW        |
| YASUKO GOTO            | PAM KALAS                   |         |         | PEGGY MCDONNELL     |         | AGE 240-279          |
| SUNWAY YOKOHAMA JPN    | KELLY DUMONT                |         |         | DEBBIE CAVANAUGH    |         | OAHU KIOICHO JPN     |
| 2:54.73                | LSD CAN                     | 2:19.38 |         | BIRGIT LOHBERG      |         | 2:43.04              |
| SHOKO YONEZAWA         | SARAH WOODWORTH             |         |         | CELIA DEVANNEY      |         | HARUMI SUGIMOTO      |
| TOMOYO KITAZAWA        | MARKETA MYATT               |         |         | HADRIAN MASTERS GBR | 2:18.19 | KEIKO YAMADA         |
| YOKO SUGIYAMA          | STACEY CONNICK              |         |         | CFC FUTAMATAGAW JPN | 2:18.64 | SATOKO KAWATA        |
| MASAE KURATA           | ASHLEY CONINGHAM            |         |         | ASAOKO SUZUKI       |         | HIROKO KAYAMORI      |
| SC NAS MACHIDA JPN     | AGE 120-159                 |         |         |                     |         | KINGS CORMORANT GBR  |
| 2:56.95                | ARIZ USA                    | 2:06.82 |         |                     |         | 2:43.24              |
| KATSUE NOMURA          | MARIKA MCCUE                |         |         |                     |         | MSBC CAN             |
| YOKO KOBAYASHI         |                             |         |         |                     |         | 2:43.75              |
| YOSHIKO KINOSHITA      |                             |         |         |                     |         | JOAN PARNELL         |
| KEIKO YOKOTA           |                             |         |         |                     |         | BONNIE PRONK         |
| OAHU KIOICHO JPN       |                             |         |         |                     |         | COLLEEN NELSON       |
| 2:57.73                |                             |         |         |                     |         | BARBARA WIENS        |
| HARUMI SUGIMOTO        |                             |         |         |                     |         | SOIK HELLAS SWE      |
| NORIKO YATSUNAMI       |                             |         |         |                     |         | 2:44.19              |
| AKIKO ONOHARA          |                             |         |         |                     |         | MARGIT OHLSSON       |
| KIYOE KOYAMA           |                             |         |         |                     |         | BARBRO FLODSTROM     |
| FLUMINENSE F.C. BRA    |                             |         |         |                     |         | MARGARETA RAINER     |
| 2:58.78                |                             |         |         |                     |         | BRITT GRILLI         |
|                        |                             |         |         |                     |         | ISLAND TAKATSUK JPN  |
|                        |                             |         |         |                     |         | 2:50.45              |



FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 2003

|  |  |   |   |
|--|--|---|---|
| NOBUKO NITTA<br>CHIHOKO YOSHIMURA<br>HISAKO SATO<br>TAEKO IKEDA<br>KSC NEYAGAWA JPN 2:53.27          | RELAYS: M E N 200 M. FREE<br>*****<br>AGE 100-119<br>FORMULA ACADEMI BRA 1:33.47   | KEVIN GOLIGHTLY<br>BARRY SARETSKY<br>CMSC CAN 1:40.20<br>MARK JESSEE<br>JEFF WELECHUK<br>JUSTIN WELBOURN<br>PETER HENRY<br>AGE 160-199<br>BMW USA 1:39.11<br>RICHARD GARRETT<br>MIKE MC AWEENEY<br>THOMAS WHATLEY<br>ROBERT MACKENZIE<br>TSUN USA 1:41.13<br>GEOFFREY GLASER<br>DEAN PUTTERMAN<br>BRIAN FITZGIBBONS<br>TODD OAKES<br>ACAD.COMPETTITIO BRA 1:41.30<br>MELO USA 1:41.36<br>AL HUMPHREY<br>JAMES KEMP<br>ED OWEN<br>BRADLEY HOWE<br>DCAC USA 1:42.26<br>NEILL WILLIAMS<br>ALAN GODFREY<br>JEFFREY MEAD<br>JOHN O'KEEFE<br>GOTEBORG SIM SWE 1:42.51<br>LEONARD BIELICZ<br>TORBJORN WOLFFRAM<br>ANDERS ENGEWALL<br>ANDREAS DENCKER<br>RHMS USA 1:43.30<br>ERIC VAN BOER<br>DUNCAN ROSS<br>BILL ADKISON<br>KEN ERICSSON<br>ACADEMIA 4X1 BRA 1:43.38<br>ORLM USA 1:44.11<br>SCOT WEISS<br>FREDERICK EHMKE<br>ARNALDO PEREZ<br>L MEISENHEIMER<br>BARNET COPTHALL GBR 1:44.56<br>AGE 200-239<br>1776 USA 1:40.71<br>PAUL TREVISAN<br>THOMAS MEADE<br>MICHAEL SLENKER<br>GREGORY OXLEY<br>TECH CAN 1:46.11<br>BRUCE ROBERTSON<br>GLEN BELFRY<br>JOHN MARCH<br>JIM WRIGHT<br>GMUP USA 1:47.73<br>LARRY SLOAN<br>DAVID OATES<br>ROBIN SIMMONS<br>ROBERT HANSEN<br>SOIK HELLAS SWE 1:49.01<br>HANS LJUNGBERG<br>ROLF TEGEBACK<br>BO FOGELBERG<br>GLEN CHRISTIANSEN<br>SOSHIGAYA JPN 1:49.95<br>TAKASHI SUZUKI<br>HIROOKI AOKI<br>YASUFUMI NISHIHAR<br>HIROYUKI AMAZAKI<br>SPOLENS SWE 1:50.45<br>JOAKIM SJOHOLM<br>JAN FARGH | HAKAN BENGTTSSON<br>NILS WAHLBERG<br>CN MARSEILLE FRA 1:50.89<br>THIERRY CHANOINE<br>OLIVIER DAUDIGEOS<br>PATRICK LUSIEN<br>JEAN BATTILANA<br>TOTO DOLPHIN CL JPN 1:51.81<br>KOJI IWAMOTO<br>KOJI KURITA<br>TETSUYO MIKI<br>KATSUYA SUMIKAWA<br>MURASAKI SPORTS JPN 1:51.96<br>YOSHIIHIRO KISHI<br>KENJI TAKAHASHI<br>TAKAO KASHIWAGI<br>MAKIO ENDO<br>SDSM USA 1:52.21<br>MARK SPRATT<br>MARK WUSSLER<br>SCOTT EHRlich<br>MIKE AHERN<br>ADELAIDE MASTER AUS 1:52.21<br>BRONTE EDWARDS<br>RONALD HARDIE<br>MARK SMEDLEY<br>ANDREW LOOSE<br>AGE 240-279<br>SDSM USA 1:50.90<br>PETER ANDERSEN<br>MIKE FRESHLEY<br>MICHAEL AHERN<br>VINUS VAN BAALen<br>GOLD USA 1:52.25<br>CAV CAVANAUGH<br>DAVID MCINTYRE<br>JOEL BURNS<br>GEORGE SCHMIDT<br>SOIK HELLAS SWE 1:56.72<br>BO LJUNGBERG<br>OLLE BUREBO<br>INGVAR ERIKSSON<br>PETER BERGENGREN<br>FHM BIRMINGHAM GBR 1:57.83<br>SV POSEIDON HAM GER 1:59.86<br>WOLFRAM GOTTFRIED<br>SIEGFRIED MASULA<br>HEINZ WITTIG<br>DIETER SEIFERT<br>ACADEMIA 4X1 BRA 2:00.14<br>SOUTHPORT GBR 2:00.19<br>DONCASTER DOLPH AUS 2:00.75<br>LACHLAN MCKINNON<br>DEREK MANDY<br>FRANCIS GODDEN<br>TONY STRAHAN<br>HAKUYO S JPN 2:01.80<br>HIROSHI NONAKA<br>NORIAKI IKEDA<br>KATASHI AOKI<br>K. MOCHIZUKI<br>YORK CITY BATHS GBR 2:01.93<br>AGE 280-319<br>SOIK HELLAS SWE 2:15.01<br>ERIC FORSLUND<br>NILS FERM<br>BENGT FURBERG<br>BO AMNELL<br>SK RAN SWE 2:17.09<br>TORE PERSSON<br>INGE BLOMQUIST<br>ALLAN ANDERSSON<br>LENNART BROCK<br>HAKUYO S JPN 2:17.92 |
| KASUMI ISHIKAWA<br>NOBUKO YASUDA<br>MIKIKO KUBOTA<br>HARUKO TAMURA<br>JUEI CLUB JPN 2:53.32          | HERETAUNGA NZL 1:36.77<br>SCOTT CANTLEY<br>JON WINTER<br>DAN ABEL<br>TRENT BRAY<br>ACADEMIA 4X1 BRA 1:38.00                    |   |   |
| MIYOKO IMURA<br>TERUKO NISHISAKO<br>HARUMI MASUOKA<br>SETSUKO KOBAYASHI<br>HAKUYO S JPN 2:54.03      | SKK SWE 1:38.02<br>ROBERT LOVSTROM<br>NIKLAS EGMAR<br>ILIA MIKHAILOV<br>DANNE KARLSSON<br>CAMO CAN 1:40.45                     |   |   |
| MITSUKO HAYASHI<br>MASAKO NISHIDE<br>FUMIKO NAKAMURA<br>KEIKO KADOKURA<br>SC DUSSELDORF GER 2:54.46  | SIMON DAGNAULT<br>OLIVIER ROY<br>MATTHIEU BLOUIN<br>F.OLLENDORF<br>ACADEMIA PRAIA BRA 1:41.47                                  |   |   |
| HEIDI GUHL<br>USCHI BONGARTZ<br>GISELA GUNTHER<br>U.MEYER-TONDORF<br>C.R.I.\INTTEGRA BRA 2:57.65     | TAJIRI-CHO SUIR JPN 1:41.82<br>DAISUKE TSUJIMOTO<br>TETSUYA NITTA<br>TAKEHITO IWATA<br>KOHEI UNO<br>ACADEMIA ACKUA BRA 1:41.95 |   |   |
| AGE 280-319<br>SWIM100NOKAI JPN 3:10.53  | GIM VALLADOLID ESP 1:42.36<br>CANO<br>GONZALEZ<br>VILLAR<br>SANCHEZ<br>DDO CAN 1:43.34   |   |   |
| KAZUKO TAGUCHI<br>KAZUYO SAKAURAI<br>H.MINAMIGUCHI<br>CHEI TANI<br>OAHU KIOICHO JPN 3:15.84          | JP RICHARD<br>ERIC QUANE<br>MIKE KEHLE<br>PHILIPPE BERGERON<br>AGE 120-159<br>TAS CAN 1:38.35                                  |   |   |
| AKIKO ONOHARA<br>KIYOE KOYAMA<br>SUNWAY YOKOHAMA JPN 3:16.32   | RYAN LAURIN<br>GREG SANDERSON<br>BILL SAWCHUK<br>STEPHEN CLARKE<br>ASV WUPPERTAL GER 1:38.63                                   |   |   |
| TOMOYO KITAZAWA<br>MASAE KURATA<br>SHOKO YONEZAWA<br>YOKO SUGIYAMA<br>SOIK HELLAS SWE 3:16.79        | JOCHEN BRUHA<br>TOBIAS HAHN<br>MATTHIAS MILLERS<br>MICHAEL HANSTEIN<br>AINOSENSHI JPN 1:38.75                                  |   |   |
| EVA-BRITT WIDAHL<br>BARBRO THORNELOF<br>HARRIET BURE<br>MARIANNE GRANE<br>SC NAS MACHIDA JPN 3:23.87 | TOMOHIRO ONO<br>SHIGEHO NAKAYAMA<br>YASUHIRO OKADA<br>KOJI KAWABATA<br>NTMC CAN 1:38.80  |   |   |
| YOSHIKO KINOSHITA<br>YOKO KOBAYASHI<br>KATSUE NOMURA<br>KEIKO YOKOTA<br>SAPPORO AC JPN 3:24.22       | DOUG MCKAY<br>DEREK MURCHIE<br>CHRIS THOMSON<br>BRAD JOHNSON<br>BRITISH POLICE GBR 1:39.13                                     |   |   |
| KIKUE KANAMAKI<br>TOYOKO TANAKA<br>YASUKO GOTO<br>CHISE IBE<br>WIN FUKUSHIMA JPN 3:24.81             | PER HELGESSON<br>MAGNUS FROLANDER<br>DANNE KARLSSON<br>BJORN MOLLER<br>SEVERNside GBR 1:39.19                                  |   |   |
| AIKO GOTO<br>YOSHIKO SATO<br>YOSHIKO ITO<br>TAKAKO SATO<br>HAKUYO S JPN 3:39.32                      | HSG UNI ROSTOCK GER 1:39.33<br>OLAF AHLERS<br>UWE SOFKE<br>HENRY NAETHBOOM<br>LARS HINNEBURG<br>EMSC CAN 1:40.13               |   |   |
| KIMIKO YOSHINAGA<br>SUMIYO YASUMOTO<br>TOMIKO SESHIMO<br>SACHIKO SATO<br>C.R.I.\INTTEGRA BRA 3:43.58 | TREVOR ONISHENKO<br>TATE YOUNG   |   |   |
| SPENCER GBR 3:48.97  |  |   |   |
| AGE 320-359<br>SAPPORO MST JPN 4:29.86   |  |   |   |
| SETSUKO NARITA<br>NAKA FUKUOKA<br>FUMI MURATA<br>KINKO MATSUMOTOT<br>*****                           |  |   |   |



FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 2003

|   |   |  |  |
|---|---|--|--|
| K.HIROSHIMA<br>TOSHIMI INATOMI<br>SADAYUKI WAKAI<br>KENSUKE SATO<br>SDSM USA 2:20.72                              | FUMIO AMANO<br>HSG WARNEMUNDE GER 1:52.98<br>SEBASTIAN BURGER<br>STEFFEN SCHULZ<br>THOMAS WILLSDORF<br>R. KOLANDERSKY<br>CAMO CAN 1:53.56 | AGE 160-199<br>ANCM USA 1:51.29<br>J CLAY BRITT<br>WALLY DICKS<br>RORY LEWIS<br>DALE MC ELHATTAN<br>NTMC CAN 1:52.77 | BERND MAU<br>EGON HENNINGER<br>TORSTEN PROBER<br>RENE PLAESCHKE<br>SOSHIGAWA JPN 2:06.32<br>HIROOKI AOKI<br>Y.NISHIHARA<br>HIROYUKI AMAZAKI<br>TAKASHI SUZUKI<br>LSD CAN 2:06.56 |
| DUANE DRAVES<br>JORDAN WOLLE<br>BOB BEST<br>STEVE MOSELEY<br>TYMS CAN 2:23.09                                     | MATTHIEU BLOUIN<br>F.OLLENDORF<br>OLIVIER ROY<br>SIMON DAGNAULT<br>GIM VALLADOLID ESP 1:53.76   | DEREK MURCHIE<br>DOUG VANDERBY<br>JOHN SCOTT<br>CHRIS THOMSON<br>WINS CAN 1:53.05                                    | CHUCK GRACE<br>BRIAN FINLAY<br>ROB STODDART<br>DOUGLAS CROWE   |
| HAROLD ANFOSSI<br>WALLY HENNE<br>BOB EASUN<br>CHRISTOPHER SMITH<br>FMM USA 2:23.36                                | SANCHEZ<br>CANO<br>VILALR<br>GONZALEZ<br>DDO CAN 1:53.92  | KEVAN BATES<br>RICHARD DENDY<br>GREG MARGHARITIS<br>AART LOOYE<br>SV FRIEDRICHSHA GER 1:54.83                        | AGE 240-279<br>OREG USA 2:05.07  |
| JAMES BROWNE<br>ROBERT MACDONALD<br>C WEATHERBEE<br>JAMES PITTS<br>ONOMICHI MDC JPN 2:24.53                       | JP RICHARD<br>ERIC QUANE<br>PHILIPPE BERGERON<br>MIKE KEHLE<br>ACADEMIA PRAIA BRA 1:56.46   | NANFRED KODER<br>ROBERT BERGER<br>HARTMUT BERNER<br>THILO ALBRECHT<br>CMSC CAN 1:55.35                               | ROBERT SMITH<br>ALLEN STARK<br>BERT PETERSEN<br>TOM LANDIS<br>GOLD USA 2:05.72   |
| SHOSAKU SHIMIZU<br>TADAHARU FUJWARA<br>YUTAKA MIYAMOTO<br>JOJI OSHIMA<br>SG REMSCHEID GER 2:24.56                 | SUN FLOWER FITN JPN 1:56.64<br>TAKASHI KAWAMOTO<br>DAIGO KIKKAWA<br>SHIGEKI UENO<br>MINORU WAKAMATSU<br>C.R.FLAMENGO BRA 1:56.79          | JEFF WELECHUK<br>MIKE MORROW<br>MARK JESSEE<br>DAVE DICKSON<br>SOIK HELLAS SWE 1:56.32                               | DAVID MCINTYRE<br>TIMOTHY SHEAD<br>JOEL BURNS<br>CAV CAVANAUGH<br>SDSM USA 2:06.42   |
| HERBERT HAUPT<br>MANFRED BICKEL<br>GUNTHER UNKEL<br>RUDI VAN ESS<br>SSV LEUTZSCH LE GER 2:25.27                   | BRITISH POLICE GBR 1:49.91  | CARLOS MORAN<br>GLEN CHRISTIANSEN<br>HANS LJUNGBERG<br>FREDRIK SUNDIN<br>TSUN USA 1:57.54                            | VINUS VAN BAALEN<br>PETER ANDERSEN<br>MICHAEL AHERN<br>MIKE FRESHLEY<br>FHM BIRMINGHAM GBR 2:13.45   |
| JOACHIM HEROLD<br>G.KLAERING<br>SIEGDRIED KOHLER<br>WOLFGANG SIEBER<br>SV BLAU-WEISS GER 2:27.31                  | KOICHI MASUTA<br>TETSUO IWAKI<br>MASAHARU NEGISHI<br>YUJI HAYAKAWA<br>BRITISH POLICE GBR 1:49.91  | BRIAN FITZGIBBONS<br>DEAN PUTTERMAN<br>TODD OAKES<br>GEOFFREY GLASER<br>YOKOSUKAITOMAN JPN 1:58.22                   | ERIC FORSLUND<br>MATTIAS KRONER<br>INGVAR ERIKSSON<br>BO LJUNGBERG<br>SOUTHPORT GBR 2:16.13  |
| MARTIN KREFT<br>MANFRED FISCHER<br>AUGUST DEMUHS<br>HELMUT HUNOLD   | KONAMI AOBADAI JPN 1:50.50  | ATSUSHI TAKAHASHI<br>SAKAE HIRAYAMA<br>HARUKI SUZUKI<br>KAZUYOSHI TERAOKA<br>TRAFFORD METRO GBR 1:59.13              | HAKUYO S JPN 2:17.21   |
| AGE 320-359<br>JUEI CLUB JPN 2:20.85  | TAKURO KOJIMA<br>TAKAHIRO MAIE<br>TAKAHIRO IMAMURA<br>NAOAKI FUJITANI<br>LBG USA 1:50.73  | ACADEMIA PRAIA BRA 1:59.42   | HIROSHI NONAKA<br>SEIKO OKAZAKI<br>TAKASHI TERAKOSHI<br>TOSHIYASU INUKAI<br>SG SCHONEBERG GER 2:18.25  |
| SHOICHI SHIDA<br>KEIJIRO NAKAMURA<br>KATSUZO SHIRAYAMA<br>ISAMU TAMURA<br>VCSS CAN 3:28.04                        | KURT MURDOCH<br>AUDY OKTAVIAN<br>ERIK SCOLLON<br>ERIK NIELSON<br>TEAM DASH JPN 1:51.88  | AGE 200-239<br>WH20 USA 1:58.84  | PETER BRANDT<br>BERND WUNSCH<br>WOLFGANG HOPP<br>BERND REHBEIN<br>MSBC CAN 2:20.34   |
| JAMES WARD<br>JIM PANTON<br>STEPHEN BAKER<br>PETER LOFTS<br>C.R.I.\INTTEGRA BRA 4:38.60                           | KEIICHI KIYOTA<br>TAKASHI HIRAKAWA<br>S.YANAGISAWA<br>TAKASHI TESHIMA<br>OCEANUS NED 1:52.35  | JAMES BALLARD<br>TOM REUDY<br>BILL OBRIEN<br>MICHAEL MEALIFFE<br>TECH CAN 2:00.59                                    | AART LOOYE<br>PETER BALL<br>BARRY DAVIS<br>JOHN GRAVE<br>OAHU KIOICHO JPN 2:20.70  |
| AMARAL MASTER BRA 6:27.88   | MENNO SPAARGAREN<br>LESLEY VOORN<br>ROBIN BOON<br>MARCEL DE NATRIS<br>AINOSENSHI JPN 1:52.39  | JOHN MARCH<br>JIM WRIGHT<br>BRUCE ROBERTSON<br>GLEN BELFRY<br>GSM USA 2:04.24  | MASARU IGARASHI<br>TETSUO FUNANO   |
| AGE 360-399<br>NORTH CAROLINA USA 7:16.52   | SHIGEHO NAKAYAMA<br>NARIHITO WAKUI<br>YASUHIRO OKADA<br>TOMOHIRO ONO<br>DCAC USA 1:52.58  | KEN NIEMI<br>EDWARD NESSEL<br>TOM GEIMAN<br>ED TSUZUKI<br>HADRIAN MASTERS GBR 2:04.34                                | AGE 280-319<br>NORTH CAROLINA USA 2:22.33  |
| BOYD CAMPBELL<br>MARTIN RUTTER<br>HAROLD HOFFMAN<br>JIM SCHERBARTH  | COREY CARLISLE<br>MATTHEW KINNEY<br>NEILL WILLIAMS<br>JOHN O'KEEFE<br>STOCKHOLMS KK SWE 1:53.16   | EDWARD NESSEL<br>TOM GEIMAN<br>ED TSUZUKI<br>HADRIAN MASTERS GBR 2:04.34   | CLARKE MITCHELL<br>JOHN KORTHEUER<br>DICK KITCHELL<br>DICK WEBBER<br>DOLPHIN SC JPN 2:26.99  |
| JIM SCHERBARTH  | PER NORLIN<br>MATS NORLIN<br>PER HELGESSON  | CMSC CAN 2:04.88   | S.SEKIKAWA<br>MAMORU TANAKA<br>HISAO MIKURIYA<br>JIRO NAGASAWA<br>SUNWAY YOKOHAMA JPN 2:27.95  |
| *****<br>RELAYS: M E N 200 M. MEDLEY<br>*****   | TAISHO SS JPN 1:50.54   | PETER O'BRIEN<br>ROB DAVIS<br>DAVE DICKSON<br>MIKE MORROW<br>RACING CLUB FRA 2:05.07                                 | HIROSHI ISHIWATA<br>TETSUO NAKAMARU<br>HIYOSHI MAKIMOTO<br>MINORU NAGASHIMA<br>KAMAKURA MSC JPN 2:32.74  |
| AGE 100-119<br>TAKUMA YAMAOKA<br>MASAKAZU UMEMOTO<br>TOYOHIKO GOTO<br>TOMOYA NISHITANI<br>HERETAUNGGA NZL 1:50.75 | MINORU UEMURA<br>TAKAO TSUCHIYA   | CHARLES THOMANN<br>C.STARZEC<br>CHARLES THOMANN<br>SPOLISENS SWE 2:05.64   | MINORU UEMURA<br>TAKAO TSUCHIYA  |
| JON WINTER<br>DAN ABEL<br>SCOTT CANTLEY<br>TRENT BRAY<br>CAMPIONE JPN 1:51.54                                     |   | JOAKIM SJOHOLM<br>JAN FARJH<br>HAKAN BENGTTSSON<br>NILS WAHLBERG<br>HSG UNI ROSTOCK GER 2:06.14                      |  |





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|                           |         |         |                   |     |                   |                   |         |                   |                  |             |
|---------------------------|---------|---------|-------------------|-----|-------------------|-------------------|---------|-------------------|------------------|-------------|
| YOSHIHIRO NAKANO          |         |         | NATSUKO YAMAUCHI  |     | SPOLISENS         | SWE               | 1:49.67 |                   |                  |             |
| SATOSHI TOKUSHIGE         |         |         | KAZUHISA FUJIHIRA |     | JOAKIM SJOHOLM    |                   |         | AGE 240-279       |                  |             |
| SK RAN                    | SWE     | 2:36.39 | JUNKO OKOCHI      |     | JAN FARJH         |                   |         | FHM BIRMINGHAM    | GBR 2:05.13      |             |
| ALLAN ANDERSSON           |         |         | YASUO MAEDA       |     | ARMI BAVERVD      |                   |         |                   |                  |             |
| LENNART BROCK             |         |         | EMSC              | CAN | 1:48.74           | KARIN BERGQVIST   |         | SDSM              | USA 2:05.91      |             |
| TORRE PERSSON             |         |         | TREVOR ONISHENKO  |     | ORLM              | USA               | 1:50.25 | VINUS VAN BAALLEN |                  |             |
| INGE BLOMQVIST            |         |         | T.CHRZANOWSKI     |     | SCOT WEISS        |                   |         | JACKIE MARR       |                  |             |
| SSV LEUTZSCH LE GER       | 2:38.51 |         | SIUBHAN DRINNAN   |     | KATHY MARQUES     |                   |         | LYNNE LUND        |                  |             |
| WALTER LEX                |         |         | TATE YOUNG        |     | CATHY SHONKWEILER |                   |         | MICHAEL AHERN     |                  |             |
| JURGEN SCHUBERT           |         |         | CFST              | CAN | 1:49.25           | FREDERICK EHMKE   |         | OREG              | USA 2:06.56      |             |
| WOLFGANG SIEBER           |         |         | DAVID PAIN        |     | HADRIAN MASTERS   | GBR               | 1:50.31 | ROBERT SMITH      |                  |             |
| HARALD MULLER             |         |         | BRETT MACNEIL     |     | TOTNES            | GBR               | 1:50.92 | BARBARA FRID      |                  |             |
| GOLD                      | USA     | 2:38.76 | HAYLEY JOHN       |     |                   |                   |         | JOY WARD          |                  |             |
| DAVID MCINTYRE            |         |         | MELANIE MARTIN    |     |                   |                   |         | TOM LANDIS        |                  |             |
| AGUSTIN DELAVEGA          |         |         | TAJIRI-CHO SUIR   | JPN | 1:49.81           | NEP               | CAN     | 1:51.68           | BARNET COPTHALL  | GBR 2:12.64 |
| HERB KERN                 |         |         | TETSUYA NITTA     |     | DIMITRI KHODKO    |                   |         | SOIK HELLAS       | SWE 2:14.15      |             |
| CAV CAVANAUGH             |         |         | TAKAKO TSUJIMOTO  |     | ANDRE DEMERS      |                   |         | BO LJUNGBERG      |                  |             |
| HAKUYO S                  | JPN     | 2:40.98 | AKIKO SASAKI      |     | CATHY MERRITT     |                   |         | B.HJALMARSSON     |                  |             |
| SADAYUKI WAKAI            |         |         | KOHEI UNO         |     | LORRI BLACK       |                   |         | BURE HARRIET      |                  |             |
| KENSUKE SATO              |         |         | SK LAXEN          | SWE | 1:49.88           | ETOB              | CAN     | 1:52.08           | INGVAR ERIKSSON  |             |
| K.MOCHIZUKI               |         |         | GORAN GUSTAVSSON  |     | JOCELYN JAY       |                   |         | VSA HIRAKATA      | JPN 2:14.90      |             |
| TOSHIMI INATOMI           |         |         | A.BERGQVIST       |     | KATHY RENARD      |                   |         | SHIGEO MIYOSHI    |                  |             |
| SOIK HELLAS               | SWE     | 2:44.19 | PARNILLA MARCUS   |     | RON ARMSTRONG     |                   |         | KYOKO NAITO       |                  |             |
| GEORGE WITTLOCK           |         |         | PELLE KARLSSON    |     | MATTHEW MCPHERSON |                   |         | NORIKO TERADA     |                  |             |
| BERTIL WERNER             |         |         | ACADEMIA PRAIA    | BRA | 1:50.00           | TEAM DASH         | JPN     | 1:52.16           | HIROSHI KOJIMA   |             |
| PETER BERGENGREN          |         |         | GIM VALLADOLID    | ESP | 1:50.75           | YUKIKO OZAWA      |         | ISLAND TAKATSUK   | JPN 2:16.15      |             |
| RUNE NILSSON              |         |         | CANO              |     |                   | CHIHIRO SAITO     |         | MIKIKO YONEZAWA   |                  |             |
| BERLINER TSC              | GER     | 2:44.44 | POSADA            |     |                   | AKIRA NUMATA      |         | TETSUYA YAMAMOTO  |                  |             |
| K.SCHNEIDER               |         |         | GONZALEZ          |     |                   | T.WATANABE        |         | KIYOKO IKEUCHI    |                  |             |
| MANFRED LISKEN            |         |         | LARGO             |     |                   | CAMPBILL EDWARD   | GBR     | 1:52.53           | KIHEI YOSHIMURA  |             |
| HORST FRITZSCHE           |         |         |                   |     |                   |                   |         | C.R.ICARAI        | BRA 2:17.34      |             |
| H.REICH                   |         |         |                   |     |                   |                   |         |                   |                  |             |
| AGE 320-359               |         |         | AGE 120-159       |     |                   | AGE 200-239       |         |                   |                  |             |
| JUEI CLUB                 | JPN     | 2:50.63 | BERLINER TSC      | GER | 1:44.82           | SK LAXEN          | SWE     | 1:55.32           | MSBC             | CAN 2:18.56 |
| KEIJIRO NAKAMURA          |         |         | ANDREAS SANDER    |     |                   | PETER PETERSSON   |         | JOHN GRAVE        |                  |             |
| KATSUZO SHIRAYAMA         |         |         | FRITZ HENDRIK     |     |                   | ANMARIE LENNHEDEN |         | BARBARA WIENS     |                  |             |
| SHOICHI SHIDA             |         |         | SANDRA THIEME     |     |                   | JAN-OLOF SVENSSON |         | LEON POLITANO     |                  |             |
| ISAMU TAMURA              |         |         | INA ZIEGLER       |     |                   | ANNIKA MORIN      |         | BONNIE PRONK      |                  |             |
| SOIK HELLAS               | SWE     | 3:35.40 | EMSC              | CAN | 1:46.00           | SDSM              | USA     | 1:57.11           | OAHU KIOICHO     | JPN 2:18.61 |
| NILS FERM                 |         |         | KEVIN GOLIGHTLY   |     |                   | BARBARA DUNBAR    |         | MASARU IGARASHI   |                  |             |
| LENNART INGMO             |         |         | TANIA PENDERGAST  |     |                   | MIKE AHERN        |         | A.KOBAYAKAWA      |                  |             |
| BO AMNELL                 |         |         | DEBBIE YOUNGER    |     |                   | K.PIPES-NEILSEN   |         | KEIKO YAMADA      |                  |             |
| ARNE JUTNER               |         |         | BARRY SARETSKY    |     |                   | MIKE KEENEY       |         | HARUMI SUGIMOTO   |                  |             |
| VCSS                      | CAN     | 3:58.84 | BARNET COPTHALL   | GBR | 1:46.08           | SOIK HELLAS       | SWE     | 1:57.79           | AGE 280-319      |             |
| JAMES WARD                |         |         | BRITISH POLICE    | GBR | 1:46.09           | PETER BERGENGREN  |         |                   | JUEI CLUB        | JPN 2:17.03 |
| JIM PANTON                |         |         | ROMFORD TOWN      | GBR | 1:48.76           | SONJA HAGLUND     |         |                   | TERUKO NISHISAKO |             |
| JIM PORTELANCE            |         |         | WITH H            | JPN | 1:49.57           | MARGARETA RAINER  |         |                   | MIYOKO IMURA     |             |
| PETER LOFTS               |         |         | NORIYUKI KAGAMI   |     |                   | GLEN CHRISTIANSEN |         |                   | SHOICHI SHIDA    |             |
| REAL CANOE                | ESP     | 4:36.36 | HIROYUKI NAKAMURA |     |                   | NEP               | CAN     | 1:57.80           | KEIJIRO NAKAMURA |             |
| VILAS                     |         |         | NORIKO OSUGI      |     |                   | FRANK PERKS       |         |                   | SUNWAY YOKOHAMA  | JPN 2:19.53 |
| FERNANDEZ                 |         |         | JURI NAKAJIMA     |     |                   | CATHY MERRITT     |         |                   | SHOKO YONEZAWA   |             |
| MERA                      |         |         | SLAM              | CAN | 1:50.10           | PEGGY BAXTER      |         |                   | TAKAHIKO NOMA    |             |
| ALDANA                    |         |         | SYLVAIN PELETTIER |     |                   | DIMITRI KHODKO    |         |                   | MASAE KURATA     |             |
| C.R.I.\INTTEGRA           | BRA     | 4:48.32 | ANNE MARIE RYAN   |     |                   | SARAH MACDONALD   | CAN     | 1:58.48           | T.WATANABE       |             |
| AGE 360-399               |         |         | NATHALIE TREMBLAY |     |                   | AART LOOYE        |         |                   | ISLAND TAKARSUK  | JPN 2:20.61 |
| KINGS CORMORANT           | GBR     | 3:28.44 | DAN BOTBOL        |     |                   | BARRY DAVIS       |         |                   | SHINGO YAMAMOTO  |             |
| *****                     |         |         | GOTEBORG SIM      | SWE | 1:50.11           | AVILA RHODES      |         |                   | KIYOJI AMANO     |             |
| RELAYS: MIXED 200 M. FREE |         |         | ANNA JENSEN       |     |                   | YMCA              | CAN     | 1:58.51           | KEIKO FUJIMOTO   |             |
| *****                     |         |         | TORBJORN WOLFFRAM |     |                   | MICHAEL MCMURRAY  |         |                   | HISAKO SATO      |             |
| AGE 100-119               |         |         | ANDREAS DENCKER   |     |                   | IAN SMITH         |         |                   | SOIK HELLAS      | SWE 2:28.82 |
| NTMC                      | CAN     | 1:44.33 | JOHANNA STENBERG  |     |                   | SYLVIE LEPINE     |         |                   | BO AMNELL        |             |
| DOUG MCKAY                |         |         | C O SHEFFIELD     | GBR | 1:50.29           | CARLA YOUNG       |         |                   | MARIANNE GRANE   |             |
| MARIJANA PRIMORAC         |         |         | TEAM DASH         | JPN | 1:50.51           | RACING CLUB       | FRA     | 1:58.94           | BRIT GRILLI      |             |
| JANET MAYVILLE            |         |         | YAYOI SAKAMOTO    |     |                   | CHARLES THOMANN   |         |                   | ERIC FORSLUND    |             |
| BRAD JOHNSON              |         |         | S.YANAGISAWA      |     |                   | BENED BAZUREAU    |         |                   | SDSM             | USA 2:30.28 |
| SG WESER-EMS              | GER     | 1:44.76 | YOKO YAMAGUCHI    |     |                   | LYDIE REUZE       |         |                   | ADRIENNE PIPES   |             |
| FRANK PATER               |         |         | TAKESHI NAKAZATO  |     |                   | GILLES LAFFICHE   |         |                   | DUANE DRAVES     |             |
| THILO FOCKE               |         |         | AGE 160-199       |     |                   | VIC               | CAN     | 2:00.19           | BETSY JORDAN     |             |
| KAI LUDERS                |         |         | NOTTINGHAM LEAN   | GBR | 1:47.12           | SARAH MACDONALD   |         |                   | DONALD BAKER     |             |
| WILKO HEUTEN              |         |         | AZ&PC             | NED | 1:48.41           | JUDY WOODWARD     |         |                   | C.R.I.\INTTEGRA  | BRA 2:36.76 |
| CMSC                      | CAN     | 1:46.14 | PETRA FROWIJN     |     |                   | LEON POLITANO     |         |                   | HAKUYO S         | JPN 2:37.09 |
| LISA MENSINK              |         |         | P.VAN MEERVELD    |     |                   | ROD CARMICHAEL    |         |                   | K.MOCHIZUKI      |             |
| JEFF WELECHUK             |         |         | ATIE PIJTAK       |     |                   | ICHIKAWA AC       | JPN     | 2:00.34           | KIMIKO YOSHINAGA |             |
| SHELLY PINDER             |         |         | EDWIN VAN NORDEN  |     |                   | YOSHIE HIRAIISHI  |         |                   | SACHIKO SATO     |             |
| MARK JESSEE               |         |         |                   |     |                   | TAKEO HIRAMOTO    |         |                   | TOSHIMI INATOMI  |             |
| DYNAMITE HIPS             | JPN     | 1:48.04 |                   |     |                   | MAYUMI HIRAMOTO   |         |                   | OAHU KIOICHO     | JPN 2:40.33 |
|                           |         |         |                   |     |                   | MASAHARU ISHIKAWA |         |                   | MASAYASU KAMIYA  |             |
|                           |         |         |                   |     |                   | HAYWARDS HEATH    | GBR     | 2:00.62           | YASUO KANAI      |             |



FINA WORLD MASTERS TOP 10 - SHORT COURSE METERS 2003

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| TSURUYO TANAKA<br>NORIKO YATSUNAMI<br>VCSS CAN 2:44.08<br>JACK MORGAN<br>NORMA POWELL<br>LEN COVERDALE<br>BONNIE PRONK<br>IBARAKI SC JPN 2:45.78<br>MISAKO SHIMIZU<br>HIROKO OTANI<br>Y.KAWABATA<br>KINNOBU SAKAI  | TOSHIYUKI WATANAB<br>TAKASHI HIRAKAWA<br>YOKO YAMAGUCHI<br>YAYOI SAKAMOTO<br>EMSC CAN 1:58.16<br>DEBBIE YOUNGER<br>TREVOR ONISHENKO<br>BARRY SARETSKY<br>TANIA PENDERGAST<br>DE IJSEL NED 1:58.41<br>LIANNEKE HUTTEMAN<br>RON DEKKER<br>J. PAAP<br>GERLINDE BORST<br>BARNET COPTHALL GBR 1:59.95<br>GOTEBORG SIM SWE 2:00.40<br>ANDREAS DENCKER<br>ANNA JENSEN<br>TORBJORN WOLFFRAM<br>JOHANNA STENBERG<br>OTTER GBR 2:00.64<br>ACADEMIA 4X1 BRA 2:00.75<br>WITH H JPN 2:02.19<br>NORIKO OSUGI<br>AKINORI TACHI<br>HIROYUKI NAKAMURA<br>HARUKA ASUWA<br>MSBC CAN 2:02.73<br>KATHY GRAHAM<br>RIAZ BANDALI<br>GREG MARGHARITIS<br>SARAH MACDONALD                                | MARGIT OHLSSON<br>GLEN CHRISTIANSEN<br>HANS LJUNGBERG<br>MARGARETA RAINER<br>SDSM USA 2:11.82<br>VINUS VAN BAALEN<br>LAURA GALINSON<br>PATRICIA THOMAS<br>MIKE AHERN<br>HADRIAN MASTERS GBR 2:13.22<br>HAYWARDS HEATH GBR 2:13.87<br>ACADEMIA 4X1 BRA 2:15.15<br>YMCA CAN 2:15.37<br>ILKE LOWENSTEYN<br>IRA GLADSTONE<br>IAN SMITH<br>SYLVIE LEPINE<br>KENILWORTH MAST GBR 2:15.77<br>ICHIKAWA AC JPN 2:15.80<br>TAKEO HIRAMOTO<br>YOSHIE HIRAIISHI<br>TOMOYASU IIDA<br>MAYUMI HIRAMOTO<br>VIC CAN 2:17.14<br>SARAH MACDONALD<br>JUDY WOODWARD<br>ROD CARMICHAEL<br>LEON POLITANO  | KEIKO YAMADA<br>MASAYASU KAMIYA<br>KIYOUE KOYAMA<br>SDSM USA 2:49.11<br>BETSY JORDAN<br>BOB BEST<br>DUANE DRAVES<br>ADRIENNE PIPES<br>ISLAND TAKATSUK JPN 2:49.19<br>KEIKO FUJIMOTO<br>SHINGO YAMAMOTO<br>HISAKO SATO<br>KIYOJI AMANO<br>SOIK HELLAS SWE 2:52.43<br>MARIANNE GRANE<br>BO AMNELL<br>ERIC FORSLUND<br>PETER BERGENGREN<br>FLUMINENSE F.C. BRA 2:57.39<br>KSCOTORIWINGSC JPN 2:58.55<br>MICHIKO HAMURO<br>TOSHIO TAJIMA<br>KIYOKO YONEDA<br>HIROYASU HAYASHI<br>BERLINER TSC GER 2:59.72<br>WALTRAUD KOMLING<br>HORST FRITSCHKE<br>GERHARD HUBNER<br>INGRID ROTHE-DAY<br>C.R.I.\INTTEGRA BRA 3:01.75 |
| AGE 320-359<br>FMM USA 2:57.86<br>FLORENCE CARR<br>JUNE REYNOLDS<br>PAUL HUTINGER<br>BRUD CLEAVELAND<br>SOIK HELLAS SWE 3:26.37<br>EVA-BRITT WIDAHL<br>BARBRO THORNELOF<br>ARNE JUTNER<br>NILS FERM<br>KINGS CORMORANT GBR 3:28.44<br>COAST USA 3:30.75<br>LOUSIE BOWERSOCK<br>MAURINE KORNFELD<br>WALT PFEIFFER<br>WOODY BOWERSOCK<br>C.R.I.\INTTEGRA BRA 4:04.23 | *****<br>RELAYS: MIXED 200 M. MEDLEY<br>*****<br>AGE 100-119<br>TEAM DASH JPN 1:55.66<br>HIROSHI NISHIMURA<br>TAKASHI TESHIMA<br>MIHO OKUHARA<br>YUKIKO OZAWA<br>BRITISH POLICE GBR 1:56.39<br>NTMC CAN 1:56.55<br>DOUG MCKAY<br>JANET MAYVILLE<br>BRAD JOHNSON<br>MARIJANA PRIMORAC<br>BARNET COPTHALL GBR 1:59.24<br>CFST CAN 1:59.50<br>MELANIE MARTIN<br>YANNICK ROBERT<br>HAYLEY JOHN<br>DAVID PAIN<br>FORMULA ACADEMI BRA 2:02.18<br>OTTER GBR 2:02.22<br>ACADEMIA PRAIA BRA 2:02.50<br>EMSC CAN 2:03.63<br>T.CHRZANOWSKI<br>K.VAN CAMPENHOUT<br>TATE YOUNG<br>KEVIN GOLIGHTLY<br>SL CAN 2:03.77<br>NATHALIE TREMBLAY<br>JULIE ROBERT<br>SYLVAIN PELLETIER<br>DAN BOTBOL | AGE 240-279<br>SDSM USA 2:23.09<br>JACKIE MARR<br>PETER ANDERSEN<br>MICHAEL AHERN<br>LYNNE LUND<br>FHM BIRMINGHAM GBR 2:29.93<br>BARNET COPTHALL GBR 2:30.41<br>MSBC CAN 2:30.72<br>AART LOOYE<br>PETER BELL<br>BONNIE PRONK<br>BARBARA WIENS<br>CAP\ECP BRA 2:31.43<br>C.R.ICARAI BRA 2:32.02<br>SV POSEIDON HAM GER 2:37.10<br>KARIN EDELBUETTEL<br>HELLA PETERS<br>WOLFRAM GOTTFRIED<br>NAMFRED BONICKE<br>SOIK HELLAS SWE 2:37.12<br>ERIC FORSLUND<br>HARRIET BURE<br>INGVAR ERIKSSON<br>B.HJALMARSSON<br>FLUMINENSE F.C. BRA 2:37.68<br>C.R.I.\INTTEGRA BRA 2:39.28<br>AGE 280-319<br>JUEI CLUB JPN 2:40.74<br>KEIJIRO NAKAMURA<br>TERUKO NISHISAKO<br>SHOSHIN MORI<br>YURIKO NAGAMATSU<br>SUNWAY YOKOHAMA JPN 2:42.85<br>SHOKO YONEZAWA<br>TETSUO NAKAMARU<br>MINORU NAGASHIMA<br>MASAE KURATA<br>OAHU KIOICHO JPN 2:45.83<br>MAMPEI SEINO | AGE 320-359<br>FMM USA 3:26.35<br>PAUL HUTINGER<br>GERTRUD ZINT<br>JEAN TROY<br>BRUD CLEAVELAND<br>SOIK HELLAS SWE 3:50.02<br>NILS FERM<br>LENNART INGMO<br>BARBRO THORNELOF<br>EVA-BRITT WIDAHL<br>C.R.I.\INTTEGRA BRA 3:56.18<br>C.R.FLAMENGO BRA 4:11.71<br>1776 USA 4:18.09<br>JEANNE MERRYMAN<br>NORMAN GARSOE<br>MARY WIXTED<br>CLARENCE WEBB<br>COAST USA 4:48.95<br>WOODY BOWERSOCK<br>WALT PFEIFFER<br>MAURINE KORNFELD<br>LOUSIE BOWERSOCK  |
| AGE 120-159<br>BERLINER TSC GER 1:57.70<br>HENDRIK FRITZ<br>ANDREAS SANDER<br>SANDRA THIEME<br>INA ZIEGLER<br>TEAM DASH JPN 1:57.99  | AGE 200-239<br>GOLD USA 2:05.70<br>DEBBIE CAVANAUGH<br>TIMOTHY SHEAD<br>BIRGIT LOHBERG<br>CAV CAVANAUGH<br>SOIK HELLAS SWE 2:09.17   | AGE 360-399<br>CM USA 5:12.04<br>MADELEINE MILLER<br>MAXINE MERLINO<br>WALTER PFEIFFER<br>WOODY BOWERSOCK  |   |