

Vol. 9 No. 11 NOVEMBER, 1968/1.00

# ***SWIMMING WORLD***

*AND JUNIOR SWIMMER*



# VICTORIES AND TRAUMA AT



*Only the strongest swimmers could survive the oxygen debt, illness and competition for victory at the XIX Olympiad.*

Mexico City, Mexico - On October 17, at 10:00 AM the first qualifying heat of the women's 4 x 100 meter medley relay boomed off the starting blocks in the spacious new Alberca pool heralding the beginning of 10 days of competitive swimming and diving. This event was five days after the Opening Ceremony, and to some athletes who had been training at altitude for close to a month, and to others who had been living at the Olympic Village for many weeks, it was the end of mañana.

The lucky ones had already been ill, and now it was the fervent prayer of every untarnished athlete, "If I am going to be ill, I hope it is after I compete." Years of hopes, training and readiness could end in frustration without an opportunity to compete at maximum condition.

Ten days later, to the rousing jeers of one of the most repulsive exhibitions of poor sportsmanship by a host nation, the Mexico Olympic aquatic events came to a welcomed close. The loss by Guillermo Echevarria in the 1500 meter freestyle provoked a spontaneous outburst of derision toward an amateur athlete that can never be equalled. In these ten days, world marks were set by Australia's Michael Wenden in the 100 meters freestyle, East Germany's Roland Matthes in the 100 meter backstroke (lead-off on the medley relay); and America's Kaye Hall in the 100 meters backstroke. The United States men's relay teams also set world standards in both the 4 x 100 meters medley relay and 4 x 100 meters freestyle relay, while the U.S. mermaids set a world mark in the 4 x 100 meters medley relay.

The United States team was expected to carry off the lion's share of the medals, and though some pre-race favorites failed to live up to the pre-Game predictions, there were others who picked up the slack to give the United States a domination seldom seen in any sport.

In swimming, the U.S. naiads won 10 gold medals out of a possible 15. In addition to the gold, they grabbed off eight silver out of 12 and eight bronze out of 12 to give them a total of 26 swimming medals out of a possible 39. The Americans won all three relays and scored sweeps in the 100 meter butterfly and 200 meter individual medley.

Australia and East Germany each won two gold medals in the men's events, Mexico one gold. The Soviets won two silver medals in individual men's events, plus one bronze in an individual event and two bronze in relays.

East Germany, in addition to the two gold medals, won a silver in a relay, while Australia also won relay silver and bronze medals.

Canada and Britain both won silver medals as France and West Germany each won a bronze in an individual event.

The U.S. mermaids did even better than their male teammates, but then this was to be expected, for they were the strongest team ever assembled for an amateur athletic competition. Only illness to their world record holder in the breaststroke, Catie Ball, prevented a greater harvest of Olympic honors. Their expected sweep of all of the freestyle events was thwarted by Australia's 14-year old whiz, Karen Moras in the 400 meter event, and by Mexico's Maria Teresa Ramirez in the 800 meter event, each finishing third respectively. For Maria, it was Mexico's first Olympic medal ever by a female athlete.

Sabine Steinbach, East Germany's European record holder in the medley, just did manage a razor's edge margin in the 400 meter individual medley to prevent an American sweep in both medleys. Sabine touched out Sue Pedersen for third to give her country a bronze to go with the silver won by her teammate Helga Lindner in the 200 m. butterfly.

Ada Kok, Holland's popular dolphin champion, won the gold in the 200 meter butterfly after losing the 100 meter title to Australia's Lyn McClements.

Yugoslavia through the great swims of Djurdjica Bjedov won a gold and a silver, while Elaine Tanner gave Canada a pair of silver medals. Russia won one silver and a bronze in the individual events and added a bronze in a relay.

Illness which hovered over the athletes like the sword of Damocles, struck down West Germany's Uta Frommter just before her prelim in the women's 200 m. breaststroke after she had placed fourth in the 100 m. event. Steve Rerych of the United States had



**MEXICAN GOLD** — The start of the 200 m. breaststroke. From the top the competitors are: Egon Henninger, East Germany, Phil Long, USA, Eugeny Mikhailov, USSR, Brian Job, USA, Felipe Munoz, Mexico, Vladimir Kosinsky, USSR, Nikolay Pankin, USSR, and Osamu Tsurumine, Japan. Munoz upset the Russians for a gold medal.



qualified for the 200 m. freestyle and ten minutes before the final, he too was stricken by the bug.

Catie Ball, who had appeared to be completely recovered from her attack of mononucleosis, judging by her world record performances at the U.S. Olympic trials, came down with fever and virus, and after losing the 100 meter breaststroke in a form that revealed she had lost her strength, was scratched from the 200 meter event.

Almost every athlete was under the weather during some part of their stay in Mexico, and those that were stricken before their events were unable to regain their strength. It affected the times, and coupled with the altitude, world marks simply were not a possibility.

In the diving competition, the United States won both the men's and women's springboard events. Bernie Wrightson who had just missed the 1964 team, dove with great consistency. His coolness and byplay with the spectators while awaiting to execute his dives only confirmed his confidence that he was going to win the gold. Italy's great Klaus Dibiasi moved in ahead of Jim Henry for second. Sue Gossick, who had made the U.S. team by the narrowest margin after striking the board in the Trials, showed her class to win the springboard event with Russia's Tamara Pogozheva second and Keala O'Sullivan, USA, third.

In the platform, Dibiasi won going away, while a noisy, unsportsmanlike Mexican audience so intimidated the judges that it was impossible to hold a fair championship. For twenty minutes the spectators hooted, whistled and booed the judges for low scoring the Mexican, Alvaro Gaxiola, who eventually finished second. Keith Russell was forced to wait on the platform while the vociferous mob showed their displeasure and succeeded in so unnerving the American, that he did what they wanted him to do...blow his dive and finish out of the top three. Win Young, USA, placed third in the platform.

In the women's 10-meter event, Czechoslovakia's Milena Duchokova, won the gold with the Soviet Natalia Lobanova in second and Ann Petersen, USA, third.

**FIRST DAY - OCTOBER 17, 1968**

The women's 400 meter medley relay was expected to be an American breeze despite the fact the U.S. "B" team of Jane Swagerty, Sharon Wichman, Susie Shields and Janie Barkman had qualified second (4:34.7) to Australia by a tenth as each won separate heats. On paper the American quartet of Kaye Hall, Catie Ball, Ellie Daniel and Sue Pedersen were capable of going 10 seconds faster than their "sister" team, and the question was "how fast could the Aussies go?"

Wasting no time after the gun, Miss Hall took the lead but was unable to shake the determined Australian, Lynne Watson, and had to be content with a body length lead at 1:07.8 to 1:08.5. Even more determined was 14-year-old Judy Playfair who came up on Miss Ball and cut the U. S. lead to three tenths, outsplitting Catie 1:15.9 to 1:16.3.

Miss Daniel swam a terrific butterfly leg but was unable to shake 18-year-old, Lyn McClements, who dropped her time several seconds to 1:05.0 opposite Ellie's 1:04.8. When Miss Pedersen took over for the U. S., the crowd relished an upset as Australian's anchor, Jenny Steinbech, was but two yards back. However, Sue turned on the juice with 50 meters to go and brought home the medal with 59.4 to Jenny's 1:00.6.

The U. S. girls clocked 4:28.3, a world and Olympic record, and the Australians were timed in 4:30.0, tying the old world mark and well under the 4:33.9 Olympic standard the U. S. set in 1964. West Germany, with great swims from Uta Frommter, 1:15.7 breast, and Heide Hustede, 1:06.1 fly, took third from the Russians, 4:36.4 to 4:37.0. East Germany was fifth, 4:38.0, Great Britain sixth, 4:38.3 (Alex Jackson, 1:00.9 free), Holland seventh, 4:38.7 (Ada Kok 1:05.5 fly) and Hungary eighth, 4:42.9 (4:41.2 in prelims).

The medley relay was an eye popper for the Americans, as the Australians showed that the United States was not invincible. It served as an ice-breaker for the meet, relieving the pressure of the tearful U. S. girls who were anxious to get started. U. S. women's coach Sherman Chavoort, said: "The challenge is good. I think our girls can go faster but were a little nervous." The U. S. girls have a

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**The medal count in swimming:**

NATION	GOLD	SILVER	BRONZE
<b>Male</b>			
United States	10	8	8
Australia	2	1	2
East Germany	2	1	
Mexico	1		
Canada		1	
Great Britain		1	
Russia		2	3
France			1
West Germany			1
<b>Female</b>			
United States	11	7	8
Yugoslavia	1	1	
Holland	1		
Australia	1		1
Canada		2	1
Russia		1	2
East Germany		3	1
Mexico			1

**The medal count in diving:**

NATION	GOLD	SILVER	BRONZE
United States	2		4
Italy	1	1	
Czechoslovakia	1		
Russia		2	
Mexico		1	

**OLYMPIC GRACE** — Sue Gossick, USA, executes a difficult dive en route to a victory in the women's 3-meter springboard competition. Ironically, she missed a dive at the U.S. Olympic Trials and qualified third on the American squad.





**MAKING SURE** — Jan Henne, USA, turns sharply to her left after winning the 100 m. free to watch teammate Sue Pedersen touch home for a silver medal. At top is bronze medalist Linda Gustavson, USA, and at the bottom Marion Lay, Canada, left, and Alex Jackson, Great Britain.

**OLYMPIC STORY** (Continued from Page 5)

pending world mark of 4:28.1 set at Colorado Springs during their high altitude training. (This mark was rejected by Fina at their Mexico meeting prior to the Games.)

The American men's 400 m. freestyle relay team was the same one that lowered the world record at the Olympic Trials in Long Beach - Zac Zorn, Steve Rerych, Mark Spitz, and Ken Walsh, Rerych swam with Don Schollander, Mike Wall, and Bill Johnson in qualifying in the morning.

"After Zorn jumped to an easy lead at 25 meters he thought he was going out too hard and backed off," said coach George Haines. Even so, Zac clocked 53.4 to lead the field by two body lengths over Frank Wiegand, East Germany, 54.3, Peter Schorning, West Germany, 54.5, and Semyon Belitz-Geiman, USSR, 54.7. Rerych streaked 52.8 to lose everybody in sight with East Germany still second. Spitz did not let up and pushed a 52.7 split giving U. S. anchorman Walsh almost a three second lead over the Russians, swimming second after Georgy Kulikov's 52.9 leg. Walsh posted 52.8 and won easily in 3:31.7 a world record time, over the Soviets, 3:34.2 (Ilyichev anchored in 52.6) and the fast closing Australians, 3:34.7 (Windle did 53.7, Wenden anchored in 51.7).

Great Britain took fourth in 3:38.4, followed by East Germany 3:38.8, West Germany 3:39.0, Canada 3:39.2 and Japan 3:41.5.

The ease of the U. S. victory belied the hard swims (the splits 53.4, 52.8, 52.7 and 52.8). Wenden and Ilyichev split faster, but Coach Haines spoke of the great American depth after the event: "I'm not so sure our qualifying team (Bill Johnson, Rerych, Mike Wall and Don Schollander) couldn't have come back and won this final. I think they could beat their 3:35.3. Look at Rerych, he split faster tonight" (53.1 to 52.8).

**SECOND DAY — OCTOBER 18, 1968**

After a terrific preliminary round in the women's 3-meter diving, Micki King, 24, USA, went into the finals leading with 98.17, after hitting an inward one and a half somersault pike for 17.38. Tamara Pogozheva, USSR, 97.50, Sue Gossick, USA, 97.32, and teammate Keala O'Sullivan, 95.58 trailed in order. Keala dropped in a one and a half layout for the prelim's highest total of 18.46.

The women's 3-meter diving final was a study in consistency and disappointment as the 20-year old Gossick came from third to win the gold medal with 150.67 points. Her final three optional dives were a forward two and a half somersault, pike position (16.79 points), reverse one and a half, layout position (17.68), and a one and a half somersault with one and a half twists, 2.6 degree of difficulty (18.98 points)

Micki King, who was leading after the 8th dive, hit the board with her forearm on the 9th dive and dropped into 2nd place. The hit, not noticeable from the stands, fractured Micki's left arm causing her to blow her 10th and final dive. She wound up fourth with 137.38 points.

Dick Kimball, Micki's coach, who was at the Games, said, "She was in shock and didn't have it for the last dive. That's why she blew it. It's a shame, but she still made the Olympic team, which is no loss."

Micki later said, "I was dizzy after the second to the last dive. My arm was numb. I didn't know what I was doing. I don't even remember doing my last dive."

Sue Gossick stated, "I knew something had happened, I heard her hit."

Second went to 22-year-old Tamara Pogozheva, USSR, with 145.30. Miss Pogozheva was .18 ahead of Miss Gossick after seven dives. The Soviet diver scored the highest for any dive as she received 20.28 points including a nine on her final dive, the same Miss Gossick performed. She might have won had not her eighth dive, a forward two and a half pike, received only 10.80. Her ninth dive was awarded 16.72.

It was the highest Soviet springboard finish in the Olympic Games. Miss Gossick said of Miss Pogozheva, "She is an excellent diver. I was afraid of her all the way."

Gossick, 20, and 5-6, 115 pounds, said, "I save my best dives until last like in all national or international competition so I am familiar with the patterns. I use the ones with the highest degree of difficulty. The one and a half somersault with one and a half twists was not my best dive. I hit it better at the Pan Am Games." Sue mentioned she has no plans for the future regarding competition, only that she wants to ski.

Miss Pogozheva remarked, "I was prepared to win, but in the training immediately before the Games, I really didn't feel I'd win here."

O'Sullivan, 17, was a gracious bronze medalist. "I was shocked I even got this far. I was walking around congratulating everyone and someone said 'you've got third now' (after King missed her last dive) and I just couldn't believe it."

Sue's coach and father, Dr. Gustav Gossick, said, "She's a consistent diver. Maybe she doesn't get the eight's or nine's like some divers, but she is a steady diver and steadiness certainly won here."

Third went to Keala, who, with 145.23 points was only a splash behind Miss Pogozheva. Miss O'Sullivan, U. S. National and Olympic Trials Champion improved from fourth with consistent dives worth 14.85, 17.42 and 17.38 points.

Miss King, who lead by .85 of a point after the prelims, was still the leader over Miss Gossick 114.50 to 114.11 with two dives to go, and was still second behind Sue by 2.2 points going into the last dive, but missed the same dive Miss Gossick and Miss Pogozheva attempted and received 7.80 points to drop to fourth.

Micki had her arm in a cast the next day and had the arm treated at home after the Games were over.

1960 and 1964 Olympic Champion Ingrid Kramer Gulbin, East Germany, 135.82, was fifth, followed by Miss Baklanova, USSR, 132.31, Beverly Boys, Canada, 130.31, and Elena Anokhina, USSR, 129.17.

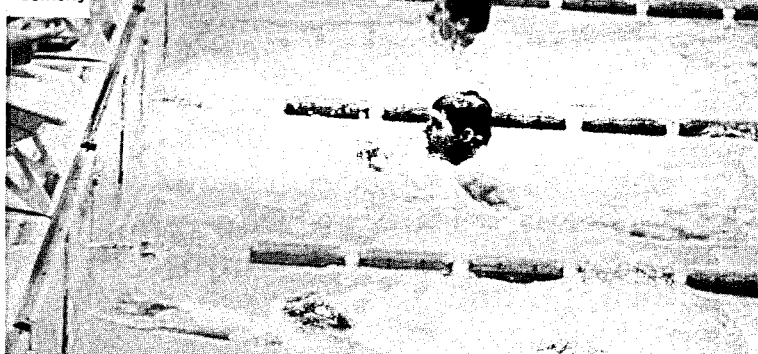
The top eight Olympic divers were either from the United States or Iron Curtain countries, with the exception of Miss Boys.

**THIRD DAY — OCTOBER 19, 1968**

In the women's 100 meter breaststroke, Catie Ball, USA, the world record holder, was the second fastest qualifier, tied with teammate Sharon Wichman at 1:16.8 a tenth back of Ava Maria Norbis of Uruguay. In the finals, Ball stayed underwater at the start but achieved a better start than Galina Prozumenschikova, USSR, who trailed by a meter almost immediately. Uta Frommter, West Germany, took an early lead at 25 meters but Catie took the lead at about 40 meters and turned first at the halfway mark. At this point Norbis and Frommter were a meter back and it was apparent Miss Ball would need a strong kick to hold off their challenges.

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**REACHING FOR GOLD** — Don McKenzie, USA, (bottom) stretches for the finish to capture a gold medal in the 100 m. breaststroke. McKenzie upset the highly favored Russians Vladimir Kosinsky





**STILL NOT SURE** — A stunned Don McKenzie, USA, sits in a trance after winning a gold medal in the 100 m. breaststroke. The Russians were heavy favored, but McKenzie came up with a sprint the last 20 meters to win.

**OLYMPIC STORY** (Continued from Page 7)

Miss Prozumenschikova came up at 75 meters with one of her usual strong finishes, but in lane two, Djurdjica Bjedov, Yugoslavia, started to challenge the leaders and stroked into the lead, with Ball slipping to third. Bjedov maintained her place and held the Russian in second place while Miss Wichman put on a tremendous finish to, also pass Catie and take third.

The order of finish was Bjedov, 1:15.8 (Olympic Record, new event), Prozumenschikova, 1:15.9, Wichman, 1:16.1, Frommter 1:16.2, Ball 1:16.7, Kiyoe Nakagawa, Japan, 1:17.0, Svetlana Babanina, USSR, 1:17.2, and Norbis, 1:17.3 (1:16.7 semi-finals).

Miss Bjedov, a university junior said, "I train three days a week in the winter and four or five days in the summer — six to seven thousand meters a day in the summer. This is the first gold medal Yugoslavia has ever won in Olympic swimming and I am very happy. My father helps coach me. I am 21 and plan to swim in the European Championship. I didn't fear anyone. I never heard of Catie Ball, I just swam my own race to try and win." Her previous best was 1:17.3.

Miss Prozumenschikova, 19, commented, "I am sad that I didn't win as I had expected to, but I am better in the 200. I train very hard."

Miss Wichman, 17-year old high school junior stated: "I was swimming for first but I never thought I would get a medal. I thought Catie would. I plan to swim two more years. I usually am behind in a race for three quarters and then finish strong. I didn't think I was going good, I felt awful. I was awfully rushed, I went from the warm up pool to the shower to the pool again. I thought I'd get more rest. It really shook me. I think the times are off because of the flat turns."

Catie Ball was able to do no better than 1:16.7 for fifth. After the race she was taken to the doctors who found her suffering from a fever, swollen glands, and a virus. She was scratched from further Olympic competition, as Coach Chavoor said she had been ill since she arrived in Mexico.

*The Russians were favored in the men's breaststrokes and in the 100 meter event they qualified all three swimmers, Vladimir Kosinsky, 1:07.9 (1st), Nickolay Ivanovich Pankin, 1:08.1 (tie for second), and Eugeny Mikhailov, 1:08.8 (fifth). Their only threat was from Don McKenzie, USA, who tied Pankin with 1:08.1 in qualifying.*

In the finals McKenzie, with his long, slow stroke, moved ahead easily, but was hard pressed by Pankin and Kosinsky and lost the lead with about 20 meters to go. At that point McKenzie put down his head and gave it everything he had to win over the Soviets in the last few meters. What a Cinderella finish for a boy who had never won a national title.

McKenzie, 21, recorded 1:07.7 to win (Olympic record, new event) over Kosinsky 1:08.0 and Pankin, third, also 1:08.0. Jose Sylvio Fiolo, Brazil, was fourth 1:08.1, followed by Mikhailov, USSR, 1:08.4, Ian O'Brien, Australia, 1:08.6 (O'Brien was the last qualifier, 1:09.0, edging out Dave Perkowski, USA, by four hundredths of a second), Alberto Forelli Lopez, Argentina, 1:08.7 and Egon Henninger, East Germany, 1:09.7.

"My strategy was to go as hard as I could toward the end," McKenzie said, "and I figured whoever could go the hardest the last 10 meters was going to win. I didn't expect to win a gold medal before I came here, but after the prelims and semi-finals I felt I had a chance." McKenzie added, "I didn't know I'd won, because I was swimming with my eyes closed. I looked up into the stands and some people held up one finger and I couldn't believe I'd won. I was shocked."

Pankin, a 21-year-old transportation engineering student, said: "I never thought I would lose. Never! After setting the world record this year? This is the first time I've ever seen or heard of McKenzie, but I congratulate him."

"It was a bad coincidence for me, but luck was on McKenzie's side this time," commented Kosinsky, a first year medical student in Russia. The Soviet swimmer was obviously shocked, as he wept behind the stand and only joined the winners at the victory stand.

*The women's 100 meter freestyle saw a United States sweep as Jan Henne, 21, upset Sue Pedersen, 15, who had beaten Jan in both the U.S. Nationals and Olympic Trials, and Linda Gustavson, 18. Jan posted 1:00.0 to win with Sue second, and Linda third, both at 1:00.3.*

Finishing behind the Americans was Marion Lay, Canada, 1:00.5, Martina Grunnert, East Germany, 1:01.0, Alexandra Jackson, Great Britain, 1:01.0, Mirjana Segrt, Yugoslavia, 1:01.5 and Judit Turoczi, Hungary, 1:01.6. Pedersen led by a touch at the turn, but a strong finish by Henne gave her the gold by a hand-length.

"It feels fantastic to win. I felt I had a chance to win but I thought any of us (Americans) could have won, along with the girl from Great Britain (Jackson), and the one from Hungary (Turoczi). It was really anybody's race, I thought we could all win it," said Miss Henne. "Sherm just told us to 'bust out' and to really go hard. I didn't know I'd won and then Susie Pedersen told me to look up at the little red dot (signifying the winner on the scoreboard) and I knew it was me. I'm going to continue one more year. We started tapering about a week ago and started getting lots of rest so the day of the race we could really go. My strategy was to make the first 50 really relaxed so when I reached the 75 I could pour it on," said Jan, who was sick earlier with a chest cold and was removed from the U.S. medley relay prelim team.

Sue spoke about the race in terms of being ready. "I was healthy and I swam my very best and as hard as I could and I lost to a very good person so I don't feel too bad, but I wanted to win this one really bad because I like this race and my other races will be tougher to win. So, I guess I'll keep swimming for four more years to try and win it."

"I think the altitude and prior heats might have affected my race," said Miss Gustavson. "I was a little tired. I tried to rest, but I think I could have done better with one day's rest. I was surprised it went so slow," commented the American swimmer.

*A world record was achieved in the 100 meter freestyle in a surprising win by Australian Michael Wenden, who clocked 52.2 to chop four tenths off Ken Walsh and Zac Zorn's (both USA) 52.6 mark.*

Zorn blasted off of the blocks and in three or four strokes had almost a half body length lead over the field. He turned first a good three feet ahead of the field, but 20 meters from home, faded and the entire field raced by him. Wenden came home in an amazing finish to win by a full length.

Walsh, 23, finished second in 52.8, with Mark Spitz, USA, third, 53.0, Bobby McGregor, Great Britain, fourth, 53.5 Leonid Ilyichev, USSR, fifth, 53.8, Georgy Kulikov, USSR, sixth 53.8, Luis Yanuzzi Nicolao, Argentina, seventh, 53.9 and Zorn, eighth, 53.9.

The exuberant Wenden, 18, used his head to win. "I figured I'd have to go out hard because Zorn is a notorious fast first 50 meter swimmer. I thought if I could be a yard or so behind at the 50, maybe with him at 60 or catch him at 75 meters, that would be just right. I just hoped I could catch him, but I expected him to be half a body length ahead of me going out. It's doubtful whether I could go faster at sea level because the altitude didn't affect me much. I improved (he was 53.7 coming into the trials) because of my good coach (Vic Arnal), the right conditions, and a bit of luck. It won't be too many years before they go under 50 seconds — I'll predict four. I started thinking of winning in 1964. I'm giving up swimming for my studies now."

**UPSET WINNER** — Djurdjica Bjedov smiles at the crowd after taking the women's 100 m. breaststroke in 1:15.8. The Yugoslavian student was only rated 15th in the world in her specialty before the Olympic Games.





CAN'T BELIEVE IT — Claudia Kolb, 18, the individual medley queen, looks toward the United States coaches in disbelief that she won so easy. Her time of 2:24.7 was very good for altitude and a new Olympic record.

Walsh said: "I knew Mike would be fast. I was swimming on my own with a bum lane in lane one. I knew Zac would go out fast and that Mike would come back fast, so I just swam my own race, swam as hard as I could coming home because I was breathing on the wall and I looked when I finished and knew I had medaled, but didn't know I'd gotten second. I wasn't surprised at Zac's performance. He hasn't been well since we've been here and he's been in better condition."

"I'm pretty happy with the way it came out," said bronze medalist Spitz, "I tried my hardest and it's my best time. I was going to go as hard as I could tonight and I had a feeling I would be either the first or second American. I didn't think I'd win it because of Wenden and Ilyichev."

Zorn, who tied the former world record of 52.6 at the U.S. Olympic Trials, spoke of his performance: "Well, first of all they didn't let us in the big pool to warmup so we warmed up in the small pool (25 meters) and I didn't get my pace down and when you go out as fast as I do it's fairly important, and obviously, I just got out too fast (U.S. Olympic Coach Don Gambriel caught Zac going out in 23.6 hand touch, 24.3 foot touch, but Zorn faded at 80 meters and finished last.) I had nothing left coming home. I may just hang it up after this."

The loss by Spitz cost him a placing on the freestyle leg of the medley relay, though he still could place on it if he could win the 100 meter butterfly.

#### FOURTH DAY — OCTOBER 20, 1968

The men's three-meter springboard title went to Bernie Wrightson, USA, who won easily with 170.15 points. The victory matched Sue Gossick's American triumph in the women's three-meter.

Bernie, 24, led after the preliminary round over Klaus Dibiasi, Italy, who eventually grabbed second in the finals with 159.74 points, while Tord Anderson, Sweden, who was third in the prelims, faltered in the finals as Jim Henry, USA, came from fourth to take third with 158.09 points.

After the second round of dives Henry led with Dibiasi second and Wrightson third. Keith Russell, USA, was fourth, Anderson fifth, and Luis Nino de Rivera, Mexico, was in sixth place going into the finals.

In the pressure packed finals, Wrightson blew the competition open with his great crowd pleasing diving. He moved into first place and hung onto the gold medal spot after his eighth dive, a reverse with two and one half somersaults and two twists (22.96 points). His ninth dive was a back two and a half somersault with two and a half twists (21.28 points). Bernie's final dive was a reverse one and a half somersault with two and a half twists for 22.96 points, the highest in the competition.

Dibiasi dove well and consistently and remained in second place after Henry missed his chance to take the silver medal on his last dive getting only 15.66 points. Mexico's de Rivera was fourth with 155.71, Franco Cagnotto, Italy, fifth 155.70, Russell sixth, 151.75, Anderson seventh, 151.50, and Donald Wagstaff, Australia, finished eighth with 150.18 points.

The victory by Wrightson kept the United States Olympic streak alive. The U.S. now has won the last 11 springboard titles.

Wrightson who just missed making the 1964 U.S. Olympic Team, spoke of his new style of diving: "I've been doing the same dives for the last six years but now I communicate more with the audience. It's something I learned from the Russians and have done in exhibitions. You smile and the audience gets with you and you get with the audience, and most important of all, it relaxes the judges because the judges are very apprehensive. They don't want you to miss a dive. If you seem relaxed, they relax. Diving is an unstable sport. Jim beat me in the Olympic Trials and I won here. We could do this again tomorrow and the results would be different. My best dive depends on the day. This is my last meet."

Dibiasi, 21, stated: "I didn't realize the Mexican (de Rivera) was so close because I was too concerned with my own diving. I didn't expect to win a medal from the three-meter but rather from the 10 meter platform."

Bronze medalist Jim Henry, 20, is a student at Indiana University (His coach, Hobie Billingsley, is the Olympic Diving Coach) was fully aware of his competition. "Oh yes, I knew where everybody was, I was third by this much (an inch)."

Claudia Kolb, USA, dominated the women's 200 meter individual medley, as expected. She was the fastest qualifier at 2:28.8 and roared through the finals, swimming with ease and was never pushed as she won in 2:24.7 (Olympic record, new event). Her splits were 31.7, 1:08.3, 1:50.8 and 2:24.7. She was actually ahead of her world record during the race as her world splits are 30.8, 1:08.5, 1:50.8 and 2:23.5.

Claudia false started in the race, which seemed to irritate the competitors. She explained she hates to false start but wanted to get into the pool and the officials wouldn't let her. From the moment the gun went off it was Claudia Kolb's race. She assumed the lead early in the butterfly and touched first at the turn. She continued to maintain the lead as she swam a strong backstroke. It was here Sue Pedersen had to make her move but it failed to materialize. Then Claudia opened a wide lead in the breaststroke and came home easily in the freestyle to win by about six meters over Miss Pedersen.

Sue Pedersen, USA, was second in 2:28.8 in a fairly easy swim for the 15-year-old. The best race was for the bronze medal as Sabine Steinbach, East Germany, who was in third all the way, was touched out by Jan Henne, USA, who was sixth at the 100 meter mark, clocking 1:15.2. Both girls clocked 2:31.4.

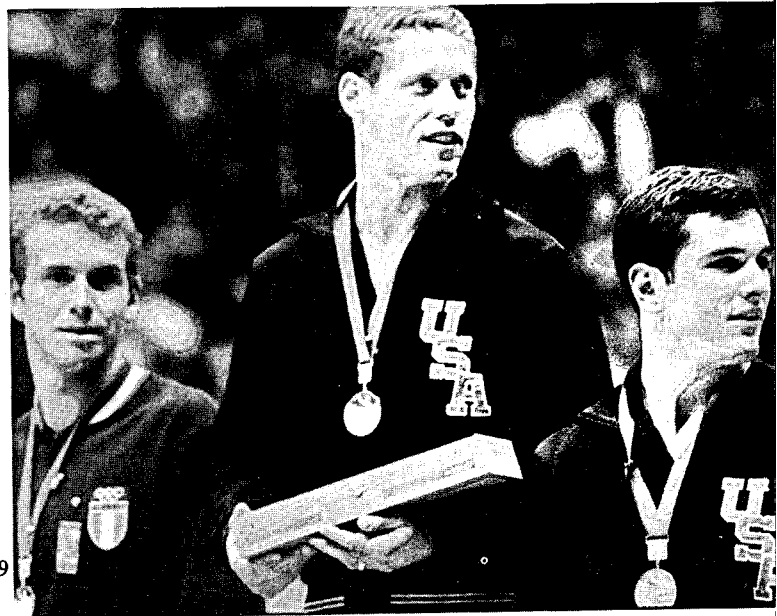
Fifth went to Yoshimi Nishigawa, Japan, 2:33.7 (2:31.5 in prelims), followed by Marianne Seydel, East Germany, 2:33.7 (2:32.8 in prelims), Larisa Zakharova, USSR, 2:37.0 (2:34.6 in prelims). Shelagh Ratcliffe, Great Britain was disqualified for a one hand touch on breaststroke (2:34.9 in prelims).

Miss Kolb, 18, said "My breaststroke helps me pick up the most. It's my best medley stroke. I'm not surprised at the time, after Colorado I thought I might go a 25. We talked about the other girls weaknesses and strong points, because we wanted to make it 1-2-3 for the U.S."

Jan Henne, 21, commented about her race "I'm always behind. My butterfly is not very good and my backstroke is getting worst, but I always pick up on the breaststroke and freestyle."

(Continued on Page 12)

OLYMPIC MEDAL SMILES — Bernie Wrightson, USA, center, smiles toward crowd as he receives applause for being the gold medal winner in the 3-meter springboard diving. Bernie is flanked by Klaus Dibiasi, Italy, left, the silver medalist, and Jim Henry, USA, the bronze medalist.



# THE TWO FREESTYLE STROKES

By Tony Turner, Coach  
Riverside City College, Calif.

Ninety percent conditioning and ten percent stroke is not the most conducive philosophy to encourage young people to take up swimming as a sport. More coaches throughout the country and abroad, however, are spending a great deal of time on swimming conditioning rather than stroke technique. Now is not the time to argue the merits of such a philosophy because swimming reaches many more needs than just those of potential Olympic representatives. Swimming workouts have to be designed to meet the needs of swimmers at various levels and within various goals. There are two distinctly different crawl strokes, one is the result of the ninety percent - ten percent philosophy and the other the result of a more intense effort of teaching stroke mechanics. The one crawl, distinct in that it develops as a result of conditioning, might well be labeled the Chavoor or Daland crawl. After training under Chavoor or Daland, the crawl swimmers use a technique which is distinctive and is rapidly becoming characteristic of the swimmers exposed to the 90-10 philosophy.

## Body Position

The 90-10 crawl is identified by a flat horizontal body position. The hips are held high and close to the surface. The back is flat, rounded only a little in the cervic region, to facilitate a low head position and a breathing technique unique to this stroke.

## The Breathing

The breath is taken by thrusting the head into the water and rotating it to the side. This is done independently of shoulder roll or arm movement. The breath is taken quickly and the head returned to the horizontal plane for the exhalation of air.

The breath is not really coordinated with the stroke as in the orthodox crawl. There is no effort to rotate the head at the near completion or completion of the breathing arm. The breathing arm in the 90-10 stroke is clear of the water and the other arm is actually in the propulsion phase when the head is turned for the breath.



1.1: The catch is made as the swimmer's left arm is at maximum push. Note angle of head and direction of eyes.

## The Arms

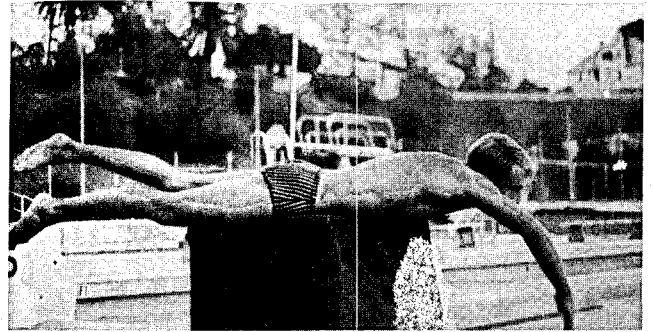
The arms crash into the water in what normally would be termed an over reach effort. Daland makes an attempt to correct this by encouraging his swimmers to put their hands in closer to the head with the little finger entering first. Few do it. The arms hit the water in close to an extended position. The catch is picked up out in front of the swimmer and close to the surface of the water. By this time the opposite arm has completed its push and is leaving the water. (Most unorthodox.)

The stroke comes close to the old unorthodoxed windmill stroke characteristic of a beginning swimmer. For those who have thought and or experimented with this stroke, it would be apparent that getting the breath would be, if not impossible, most disrupting to the swimmer's forward motion. However, Daland's swimmers manage to force their head to the side using the rotators of the head with very little disturbance of stroke.

The underwater or dynamic part of the stroke is derived by the weight of the arm, gravity and the force put on the downward motion of the arm by the muscles as the arm enters the water. The muscles then serve to push the water directly back toward the feet. Little effort is made on the part of the swimmer to increase the length of the pull by swinging out into question mark, or "S" curve type strokes. The effort is made to thrust as much water as possible directly back to the feet. The arm bends in the manner prescribed by most coaches, i.e. forearm bent slightly, elbow forward of forearm in the beginning phase of push, hand remaining at right angles to the water surface throughout the push-recover rotation of arm and wrist at the end of the stroke as the thumb brushes the thigh.

## The Legs

The leg action is positive as often as it happens. Usual emphasis is toes in, etc.



1.2: Pull begins after catch is made and other arm finishes pushing through last part of stroke.

## THE ORTHODOX OTHER STROKE

The learned stroke has many different interpretations and of course is primarily designed to the individual. Nevertheless, the learned stroke has characteristics quite different from the 90-10 stroke.

## The Body Position

The body position is horizontal and close to the surface. The hips fall slightly below the surface as do the knees and feet. The head is lifted slightly which gives an appearance of the neck being slightly hyperextended. The back might be slightly hyperextended in the region of the lower lumbar.<sup>1,1</sup>

The water is taken on the forehead at about the hair line.

## The Arms

The arms carry the major responsibility for the forward propulsion of the swimmer. At the beginning phase of the stroke an effort is made on the part of the swimmer to enter the hand into the water first. The hand enters immediately in front of the same shoulder and slightly in front of the head. The hand leads the arm forward and into the water directly down to a position slightly short of a 45 degree angle from the water level.

At this point the arm is fully extended from the shoulder; the shoulder has followed the hand and arm to the extent that the stroke shoulder is now slightly lower than the other. (1.2) A dropped shoulder is avoided, as is too much roll. This reach is for the beginning of the propulsive part of the stroke. Several theories should be noted here:

1. How hard is this thrust and reach for the catch? Many say the harder and stronger the better. (Thus driving forward hard with one arm initiates a hard drive backward with the other.)

2. How much drop or roll of the shoulders? The Australians in the '56 games exaggerated the drop of the shoulder. This resulted in a tremendous body roll, put the arm in a position deep in the water and in a desirable position for a strong positive push. This required tremendous arm and shoulder strength and virtually eliminates any possibility of a six beat kick. A slow lumbering stroke resulted, which captured the American eye and was adopted by George Breen. It soon became evident that this stroke was not particularly adaptable to the American body type or disposition. It required great strong shoulders and the patience of a slow turn over. The stroke which developed (American Crawl) limited the depth of the drive of shoulder and emphasized a more rapid turn over. (1,2)

## The Beginning Phase of the Propulsive Action

The catch is made from a position immediately in front of the head and about 45 degrees below the surface. The water is held in the flat hand, on the forearm, and the inside of the upper arm. The beginning thrust of the hand and forearm leaves the elbow in forward and up position. (Illustration 1-2). A slight bend in the arm keeps the hand parallel to the surface for the initial driving part of the stroke.

However, nothing is all conclusive. For example, a great many swimmers will reach for the catch closer to the surface extending the arm forward and slightly across in front of the head. The body tends to roll a little more, and the propulsive phase of the stroke begins with a downward and slightly side motion of the arm. This creates the question mark or "S" curve type stroke so commonly used by distance swimmers.

After the initial reach for the catch the hand and forearm begin the propulsive part of the stroke down and outward. The shoulder of the stroking arm moves into the pull, and as the stroke is made, the arm is brought back into a position immediately under the body. This supposedly facilitates a high planed body position. (Hydroplane type effect). The stroke as it appears directly from the top and on the right arm looks like a question mark.

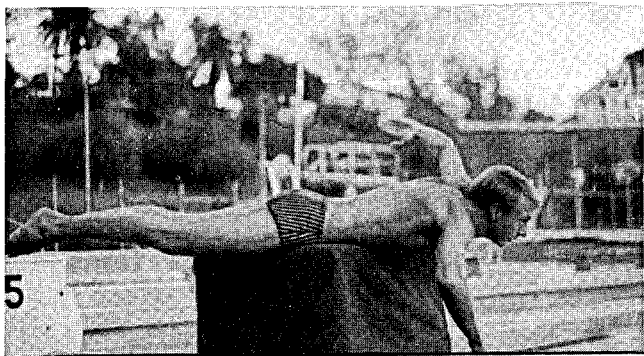
Many coaches claim that the arm should enter the water much closer to the surface and that an effort should be made to press the water down to facilitate a high position for the head and shoulders.

## The Actual Propulsive Part of the Stroke

The water is caught; the hand, the forearm, and the upper arm is kept in a position conducive to holding the most water and pushing it toward the feet. The arm is bent to limit wasted downward and upward power and to shorten the lever.

It is believed that power or force must be exerted back toward the feet and parallel to the surface of the water. To bring the arm down and immediately under the body limits wasted motion which might lift the body up or push it down or from side to side.

The action of most sprint swimmers relying on rapid turn over for speed is to drive the arms directly in front of the head straight down under the body and toward the feet. The distance swimmer is more inclined to extend the arm forward into the water, sweep the arm slightly to the side and back and then upon making his catch, push the water toward the feet.



1.3: Arm is now at maximum push, as other arm recovers. Note flatness of body position.

Several theories have been put forward with regard to reasons why a swimmer would sacrifice speed of turn over for the question mark stroke.

For the swimmer with the strength and endurance who can overcome more pounds per square inch, this gives him greater opportunity to "hold" the water.

The theory has been put forth that the downward and sideways sweep of the hand and arm tend to lengthen the positive action of the stroke. i.e; the sprint stroke represents a straight line push from back to front.

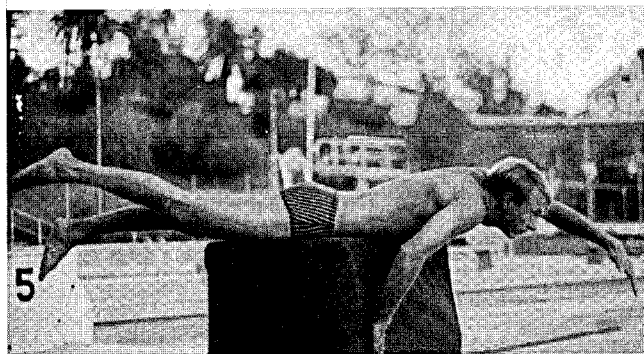
The question mark stroke or the "S" is represented by a much longer line and consequently more hold of the water.

Larger muscle groups are sometimes accredited action in this type of stroke. However, this is questionable is the straight stroke is performed correctly.

A great deal more can be made of the orthodox crawl stroke. Each individual has characteristics unique to his own body structure, temperament, and personality.

The dilemma persists whether to concentrate 90% effort on conditioning and 10% on stroke or to put a greater emphasis on stroke. It has to be evaluated by each individual coach on the basis of the material that he is working with, the goals and aspirations of his swimmers, and the age and maturity of the program.

Two distinct techniques have evolved. Personally I am against the greater emphasis on conditioning and teaching of the 90-10 stroke. Shouldn't the stroke evolve first? What do you think?



1.4: Stroke cycle is completed as final phase is entered and catch begins with entry of left arm stroke again.

## TIP'S FOR PREP SCHOOL SWIMMING

by Alan A. Switzer, Jr.  
Coach, The Hill School, Pottstown, Pa.

Prep school swimming promotion appears to be a big task because of the wide variety and size of prep schools and the restrictions on allowable programs.

Some schools allow two workouts a day, while some restrict water work to no more than one hour. Some are day schools with maximum Monday through Friday programs, others are boarding schools with opportunities seven days a week. Some begin swimming in the fall, and carry the program through late spring, while others require that a boy participate in different sports each of the three seasons, or restrict formal swimming to late November to the first week in March.

Promotional gimmicks can include articles and other reading material, clinics, and attractive championship meets.

One of the big promotional activities each year in the East is the Eastern Inter-scholastic Swimming Championships, held at Lawrenceville. This is a tremendous boon to encourage quality prep school swimming. For the past several years, almost all the finalists in the swimming events have made All-American listings. The meet draws from all areas of the East. This year a boy from a private school in Puerto Rico was entered; Pine Crest, and other teams from Florida have made the trip to New Jersey; many other Southern States are represented; Schools from Pennsylvania, New York, New Jersey, Ohio and Connecticut attended. This year Deerfield and Williston made the trip as a team for the first time. The EISC committee is always striving to improve the quality and standards of the meet and to include as many qualified representatives as possible.

Invitational meets in other sections of the country can do wonders. In many areas (Florida is one I know of), prep schools are allowed to swim in High School Championships, but then they lose identity as a private school.

Clinics are becoming widespread and if they can reach the outlying private schools, would be terrific promotional aspects. However, few prep school coaches are present at clinics. Attendance is mostly from high school and age group people. Even at The Hall of Fame Christmas clinic, and with the attendance by many high quality college personnel, coaches and swimmers alike, few prep school people are present. Much is gained by observing, attending the lecture series and by talking over the many aspects of swimming.

The prep school All-American list is a big aid to promote swimming. Pine Crest of Florida will dominate the 1969 list although traditionally many schools are a part of the final selections. The All American listing will soon include honorable mention like the high schools, as a further inducement to quality swimming.

There are still prep school coaches who are not members of the National Interscholastic Coaches Association, much less the American Swimming Coaches Association, and so miss the promotional material of both organizations, SWIMMING TECHNIQUE and SWIMMING WORLD never reach them. Perhaps a reason for this is the high turnover in some prep school coaching positions, where to some, the coaching of swimming fulfills the requirements of duties attached to the private school.

The Hill School has a 25 yard 6 lane pool available when the boys are not committed to academics. This means from 2:20 to 5:30 in the afternoon, Monday through Friday, and all afternoon on weekends. We have ideal conditions for a single session per day.

We have about 60 boys in the program, and I run a varying split session in the afternoon to accommodate all abilities.

During the early season which starts after the first week in November (although the pool is open for a "free swim" one hour daily during the fall and spring), we work on distance or middle distance work, adjusting workouts to the best boys, and then the poorer or beginning boys. We do a great deal of short interval work, concentrating on putting in as much "mileage" as possible. We work on technique at this time. After Christmas we begin to mix in longer interval and higher quality work.

An example of what the varsity group might do: Stretching and strengthening exercises for 15 minutes, then work on the exergenes for 20 - 30 minutes, then water work for an hour and a half or more. This varies, although I try to work in approximately 4500 yards.

In the early season, I work on many 200-400 yard distances, including 400 IM's for most varsity boys. We occasionally work 2 - 4 1000's into workouts striving for 11½ to 12 minute times going every 15 minutes (3-3½ minutes rest). This, of course, would be for the better boys. The weaker boys need longer intervals and we vary this up to 20 minute intervals or 5-8 minute rests.

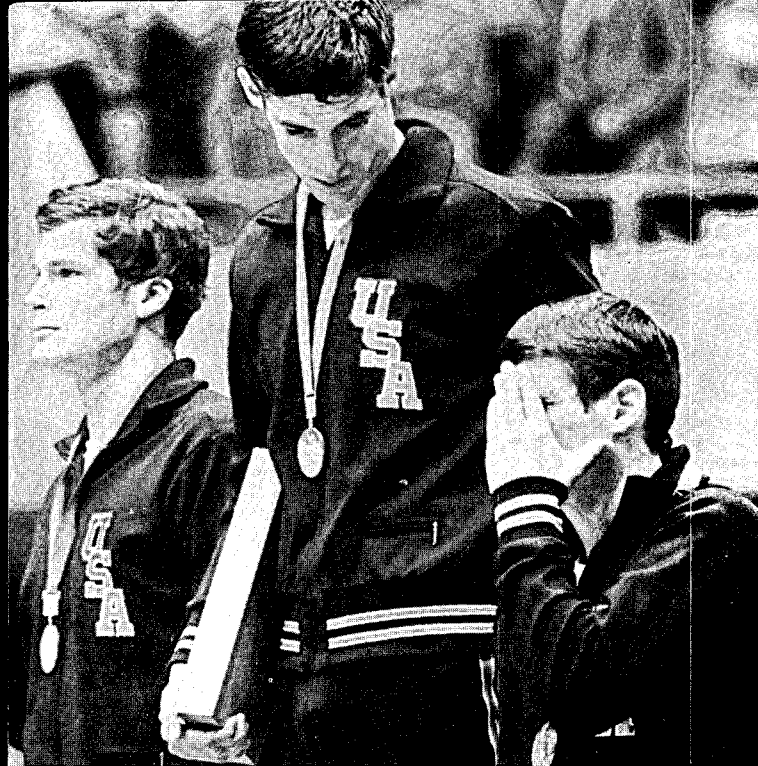
One early season workout might run:

1. Warm-up
2. 6x400 3 IM's, 3 Free, Going at 8 min.
3. 8x50 15 secs rest-kicking
4. 8x50 15 secs rest-pulling
5. 6x200 (stroke) 1 min. rest, possible 1½ min. rest.
6. 6-8 25's

We do more 50's and 100's as the season progresses, and each day into the season, we will do more quality work, such as:

4x400 going every 10 to 12 minutes (5 or more min. rest) or 8x100 going every 3 or 4 minutes instead of work which allows only 30 seconds, or less, rest between 100's.

We carry our exercise work through most of the season.



**AFTER RACE MISERIES** — Winner Charlie Hickcox, USA, looks concerned as teammate and bronze medalist John Ferris begins to feel faint following their medal winning performances in the 200 m. IM. Illness was a common thing during the "stretcher" Olympics. Silver medalist Greg Buckingham, USA, is on the left.

**OLYMPIC STORY** (Continued from Page 9)

The men's 200 meter individual medley proved to be a one man show as Charles Hickcox, USA, won in 2:12.0 (Olympic record, new event).

Charlie stroked into the lead in the butterfly with a strong medium turnover to touch first at the turn in 27.8 ahead of teammate John Ferris, whose best stroke is the butterfly. John was unable to slice into Hickcox's lead, but Greg Buckingham, USA, came on in the breaststroke to pass Ferris as did Juan Bello, Peru. Charlie was 1:00.5 at the 100 and 1:42.3 at the 150 meter mark and he finished in 2:12.0. The race was for second as Hickcox was never seriously challenged. Buckingham was second, 2:13.0, Ferris third, 2:13.3, and Bello fourth, 2:13.7, as Ferris closed fast to pass the Peruvian. Fifth went to George Smith, Canada, 2:15.9, followed by John Gilchrist, Canada, 2:16.6, Michael Holthaus, East Germany, 2:16.8 and Paul Lazar, Hungary, 2:18.3 (2:17.1 in prelims). Ferris swam so hard a race that he collapsed right on the victory stand after receiving his bronze medal.

"Greg, Ferris and I, thought it would take a 12 to win," said Hickcox, 21. "I was just lucky enough to get down there. My butterfly and backstroke are my best two strokes. I try to get out hard on the butterfly and come back on the backstroke easy but staying on pace, hold the breaststroke, and then give it everything on freestyle. A win here is enough. If I'd have gone 2:19 and won I'd be very happy."

Buckingham, 23, said: "My layoff didn't hurt me, the 200 is mostly a sprint anyway. I was in good shape a month ago and then I got sick and I've been in and out of the water ever since. I don't think Charlie (lane 3) could see Bello (lane 8) but I could and he was ahead of me after the breaststroke, so I buried my head and hoped I could beat him. Nothing is wrong with Ferris, he just didn't get enough oxygen for as hard a race as he swam."

Bello commented that he thought he could have won, but he worked so hard on breaststroke that he didn't have anything left to challenge the Americans with in the freestyle.

*Debbie Meyer proved beyond doubt that she alone is the world's queen of freestylers.* In the 400 meter event, Miss Meyer posted 4:31.8 to beat teammate Linda Gustavson, 4:35.5, and Australia's Karen Moras, 4:37.0, while another American girl, Pam Kruse, was fourth, 4:37.2.

Finishing in fifth place was Gabriele Wetzko, East Germany, 4:40.2, trailed by Maria Teresa Ramirez, Mexico, 4:42.2, Angela Coughlan, Canada, 4:51.9 (4:47.4 in prelims), and in eighth position, Ingrid Elizabeth Morris, Sweden 4:53.8, (4:51.6 in prelims).

The race was a typical Debbie Meyer swim. The 16-year old California flash went out hard and at 100 meters enjoyed a two length lead over Miss Wetzko. She held this same margin at 200 meters and at 300 meters as Miss Gustavson, moved into third at 300 meters. Pam Kruse and Karen Moras battled it out for third, with Karen holding off the late charge of Miss Kruse.

Miss Meyers splits were 1:04.1, 2:13.6, and 3:23.5. Debbie's 4:31.8 set a new Olympic record.

After the race, Debbie said, "The rest of the world is catching up because they are copying a lot of our techniques. I was aware of everybody in the race. I think the U.S. is ahead in training because we have better facilities and can train all year round." She concluded, "Our coaches are good and that makes us tougher."

Miss Gustavson, 18, talked of the strategy that she and Coach Haines worked out, "I wanted to go out a little behind Debbie and then start picking it up at the 200 and really work it from the 250 to the 350. I thought I had a chance to win it," Linda said.

Miss Moras, 14, said: "I thought I could do well here. My times have been dropping since our championships in February. It's not my best time (She'd done a 4:34 + at Mexico City just before the competition), but I'm happy. I did think I had a good chance for second though."

Sherm Chavoort said "Debbie swam a good race, but I was worried, even though she's four or five seconds ahead of the other girls, because of altitude. Now that I look back on it she won like she should have. Moras is a tremendous little swimmer, she's only 14, and she could be tough."

George Haines said, "Most of the girls are out slow at altitude and you have to figure the time will be off 7 seconds in a 400 and 15-16 seconds in an 800."

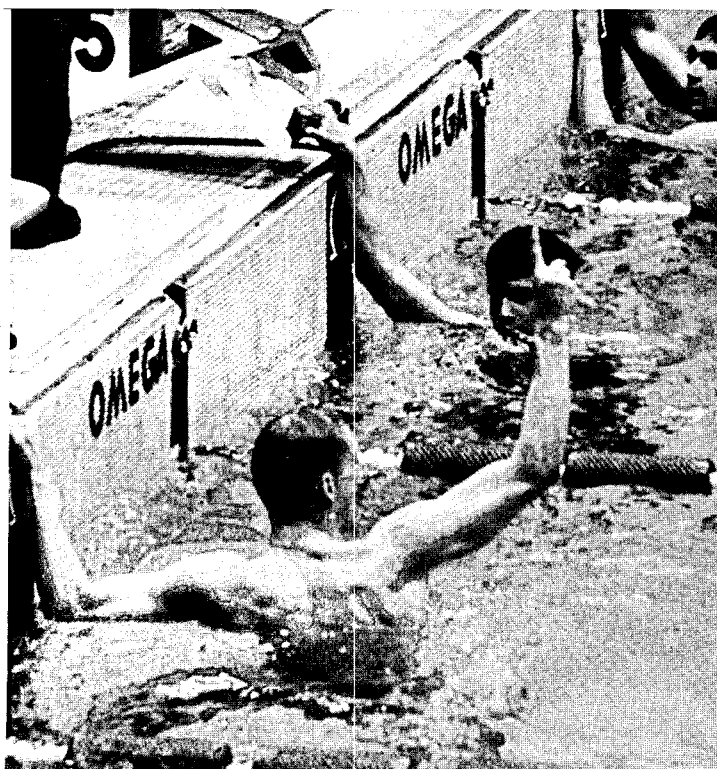
**FIFTH DAY, OCTOBER 21, 1968**

The 100 meter butterfly for men, though in speed it is second only to the freestyle event, was a race of strategy. The fastest qualifier, Doug Russell, USA, had to contend with the world recorder holder, Mark Spitz, USA, 57.4 to qualify, and Satoshi Maruya, Japan, 58.0, as well as his ever dangerous USA teammate Ross Wales 58.2.

Russell was content to let Spitz take the early lead after the start. Mark went out rather hard, 26.1, a tactic Russell normally uses. Doug went out slow, 26.5, normally what Spitz does. At the 50 meter turn Spitz had a stroke lead as the Americans were one-two-three, as Ross Wales began to close in on the two leaders and at 70 meters was a foot behind Spitz and even with Russell. Thirty meters from home Russell accelerated obviously not going to lose in the last 10 meters as he had done so often with Spitz in the

(Continued on Page 13)

**NUMBER ONE** — Doug Russell, USA, signifies his position in the race following the 100 m. butterfly. Following the gold medal winner to the finish were second place Mark Spitz, lane 5, and bronze medalist Ross Wales, lane six.





**CONQUERING QUARTET** — USA gold medal winning 800 m. freestyle relay team acknowledges cheers of Mexican audience. From left are Don Schollander, Mark Spitz, Steve Rerych and John Nelson. Victory was Schollander's third successful anchoring of an American Olympic relay team, including two in the 1964 Olympics.

past, pulling away to win in 55.9, the same time he'd qualified with. Spitz, in his seventh race in five days, faded, clocking 56.4 a stroke behind the winner. Wales, with 57.2 his best time of the year, was third, completing a United States sweep.

Fourth went to the Russian Vladimir Nemshilov, 58.1, followed by Maruya, 58.6, Yuri Suzdaltsev, USSR, 58.8, Lutz Stocklasa, West Germany, 58.9 (58.5 in prelims) and Robert Cusack, Australia finished eighth, 59.8 (59.2 in prelims).

"I think Mark was a little tired," Russell said. "I was out exactly where I wanted to be and I was just a little bit faster coming home than he was. My kick didn't get me to the surface and so I was behind at the 50 and then pulled even at the 75. Ross was in there too. I was feeling fresh and had a lot left, just like I planned. Beating Mark was the essential thing, he's long been considered the world's number one butterfly. I didn't move into the picture until 1967 when I beat Ross at Oak Park, which was a real accomplishment, so consequently Mark was the next step up."

"This guy really tore it up in Colorado Springs," said Wales. "He was working so hard and Mark was in and out of the infirmary so much that I knew he'd win. I swam my race just about as expected. I wanted to be out with them and try and get ahead before the end. The outcome was just about what I'd expected," he said.

The women's 100 meter butterfly was an upset victory for the Australians, who inspired by their fine performance in the medley relay, came prepared to end U. S. domination.

The victor was Lyn McClements, who 12 months before had been a freestyler and didn't win an important butterfly championship until she won the Australian trials in February. The 5-10½, 155 pound girl stroked fast and went out quickly to a 2 foot lead at the 25 and then opened more than half a body length lead at the 70 over the American Susie Shields. Other favorites, Ada Kok, Holland's world record holder for the event at 1:04.5 and Ellie Daniel, USA, the winner of the U. S. Trials at 1:04.8, were a stroke behind. Stroking for home, Miss McClements, 18, had enough of a lead to hold off the charge of Miss Daniel.

Miss McClements won in 1:05.5, Miss Daniel was second in 1:05.8, Miss Shield's third 1:06.2 (1:06.1 in heats) and Miss Kok fourth, also 1:06.2. Fifth went to Andrea Gyarmati, Hungary, 1:06.8 (1:06.6 in semi-finals), followed by Heike Hustede, West Germany, 1:06.9, Toni Hewitt, USA, seventh, 1:07.5 and Helga Lindner, East Germany, 1:07.6.

"I didn't expect to win before I came here. I heard so much about the American's fabulous times and then I got here and saw they were only human and then I thought I had a chance for a medal," Miss McClements, who works as a secretary, commented. Her best before the meet was 1:06.8 while Kok, Daniel and Shields all had returned 1:04.8.

"I wanted to get out harder, but I didn't," said Miss Daniel, "I had a lot left coming home and thought I could catch her, but ran out of pool. I definitely should have been out faster to beat her," she said.

"I had my hands full, I thought I'd get a medal but there were so many great ones here. I'm just happy to get third," Miss Shields stated. "I think Lyn swam a great race and I'm pleased with my performance," she added.

Lyn McClements added: "I don't think there's any one reason for my dramatic improvement except I have a lot more confidence up here. After the 50 I've never felt better in a race and I knew I could come home just as fast."

Ellie Daniel stated: "I really didn't have a plan. I just wanted to be out in 30 flat and back as close to 34 as possible, but after seeing Lyn I had to abandon it and go after her."

Susie Shields stated: "I just didn't feel as good as I did in the heats and I didn't have the confidence, but I'm still happy with third."

In the men's 4x200 meter freestyle relay, the Americans definitely were favored despite the fact the Australians had qualified first with an 8:04.8 to the U.S.A.'s "B" team of Bill Johnson, Dave Johnson, Andy Strenk and Mike Wall who swam 8:05.1. France, surprisingly enough, qualified third with 3:06.3.

In the finals of the 800 meter freestyle relay East Germany's veteran Frank Wiegand led the first rounders with 1:58.4, a touch ahead of John Nelson, USA, 1:58.6 with Michel Rousseau, France, 1:59.5 and Gregory Rogers, Australia, 1:59.8, following. The second leg saw Steve Rerych, USA, clock 1:58.6 to put the Americans ahead of Australia's Graham White 1:59.9 (3:59.7) Gregor Horst-Gunter, East Germany, 2:02.6 (4:01.0) and West Germany's Olaf Von Schilling, 2:01.3 (4:01.8).

A tired Mark Spitz swam the third leg for the United States and although any one of six men could have replaced Spitz in his eighth race in five days, he went on to 2:00.5, far off his best. Spitz was almost caught by Robert Windle of Australia, who clocked 1:59.7 to pull the Aussies to 5:59.4 to the American's 5:57.7 split. The freestyle leg by Spitz who had not fully recovered from his all out effort in the 100 m. butterfly 20 minutes earlier cost the U. S. their world record. Only a great swim by Don Schollander, anchor for the U.S., preserved the win for the Americans.

Anchorman for the Australians was Mike Wenden. It was the first meeting of the two and Schollander with a slight lead clocked 1:54.6 to Wenden's 2:54.3. The United States was first in 7:52.3, just over the world and Olympic record, Australia nabbed second 7:53.7, and Russia, with a 1:57.6 anchor leg by Leonid Ilyichev took third, 8:01.6. (Canada, with a 1:58.4 anchor leg by Ralph Hutton, was fourth in 8:03.2 and France, with a 1:57.8 anchor leg by Alain Mosconi, took fifth 8:03.7. West Germany clocked 8:04.3, East Germany followed in 8:06.0 and Sweden posted 8:12.1 for eighth position.

"The reason we didn't get the world record here was because we've all swam in other races. In Tokyo we had a fresh team with two days rest. I think this team would easily go under 7:50 at sea level," said Don Schollander.

"I thought if we were a little closer I could have caught Schollander, but he had a bit too much on me to catch him," said Michael Wenden.

#### SIXTH DAY — OCTOBER 22, 1968

Charles Hickcox, Larry Barbieri, and Ronnie Mills, USA, were faced with the task of beating Roland Matthes, the speedy German in the 100 m. backstroke, Canada's Jim Shaw and Holland's Bob Schoutsen were outside chances for medals. Matthes and the Americans were the four fastest qualifiers in the 100 m. backstroke with Matthes setting an Olympic record of 1:01.0 in the preliminaries to break Australian David Thiele's 1:01.6 set in Rome in 1960.

The finals saw Matthes and Hickcox in a tremendous psyching duel to see who could get into the water last. Hickcox won. In the race it was different. Matthes moved out to an early lead, but Ronnie Mills, USA, was with the leader at 25 meters. Matthes took a clear cut lead at 40 meters and was first to turn by a good half stroke. Mills was second, Hickcox third, and Barbieri, Shaw, and Franco Del Campo, Italy, were all about even for fourth.

Matthes came off the wall with a half a body length lead and steadily pulled away with no one to challenge him after 75 meters. Mills was still ahead of Hickcox, and Barbieri was a clear fourth going into the last 15 meters as Matthes ran away with the gold medal. Hickcox passed Mills in the last 10 meters to nab second.

The East German swam 58.7, an Olympic record, with Hickcox second at 1:00.2, and Mills getting the bronze medal with 1:00.5. Barbieri took fourth in 1:01.1 followed by Shaw, 1:01.4, Schoutsen, 1:01.8, Reinhard Blechert, West Germany, 1:01.9, and Del Campo, 1:02.0 eighth.

(Continued on Page 14)

Matthes said after the race, "I thought I was very fast at the first 50. It is my coach who deserves the credit. She made my successes and it was all her technique and experience that made me." The 17-year old high school student continued: "The Americans are very good. My coach is Mrs. Maurice Grohert. My school takes up a lot of my training time, but I have worked very hard so far with good results."

Hickcox commented, "I was tired but I don't think it mattered. He won it a lot easier than I thought he would. I was trying to get out faster but I just couldn't. It was just one of those things, Matthes swam a great race and so did Ronnie. I think he slipped on the turn or else he might have done better."

Mills said: "I thought I was going great and then I went a little deep on my turn and got behind. I think I was ahead of Charlie and even with Matthes at the time. I tried to get going again but it was tough."

In the women's 200 meter freestyle Debbie Meyer, USA, qualified ahead of her two American teammates, Jane Barkman and Jan Henne with an Olympic record of 2:13.1.

In the finals of the event she took it out hard, as usual, and had a slight lead over Barkman at the 50 meter turn. At the 100 meter halfway mark, Meyer lead by an arm length over Barkman, with Lynette Bell, Australia and Henne following. Debbie's split was 1:04.0.

As they moved down the pool for the last 75 meters it looked like a third for Debbie, who could not be expected to outsprint her faster teammates, who, with Bell and Mirjana Segrt, Yugoslavia, were close behind. At the 150 Meyer had a slight edge over Barkman and Henne, but Jan lost a little on the turn. At 140 meters, Barkman had moved even with Meyer.

The three Americans came plowing for the finish and were almost swimming as one, but Debbie continued to fight off her teammates challenges and forged ahead to win by a stroke in 2:10.5, an Olympic record.

Miss Henne caught Janie 10 meters from home for second in 2:11.0 and Miss Barkman took the bronze medal with 2:11.2 for an American sweep. Gabriele Wetzko, East Germany, 2:13.3, Claude Mandonnaud, France, 2:14.9, Miss Bell, 2:15.1, and Olga Kozicova, Czechoslovakia, eighth, 2:16.0, followed in that order.

Debbie, who had been ill before the race, said, "It was a tough race, and I'm happy to win it. It's my toughest race because it's so fast. I wanted to be out fast and hold them off and I guess it worked."

Earlier in the day, Miss Meyer had swam an 800 meter qualifying heat which might have tired her for the finals of the 200. Miss Henne, 21, said, "I wanted to be out with her (Debbie Meyer) and then pour it on the last 50, but not go to sleep the third 50, which is where I usually lose it. So, I started kicking on the third lap and then coming home on the fourth lap my arms got tired and my legs went dead and I had a weird feeling I wasn't going anyplace. I didn't know if I could beat her or not."

Miss Barkman said, "I thought I was going all out that last 50 but I was dead. I thought I still had a chance to win it but my arms gave out and when they go you really slow down."

Felipe Munoz of Mexico could not have been figured to win, the men's 200 meter breaststroke, yet the 17-year old qualified first with 2:31.1. Still, not many of the experts would have selected Munoz over the tough Russians, who qualified all three of their stars, Vladimir Kosinsky, Nickolay Pankin, and Eugeny Mikhailov, or the upset minded Americans, who qualified two of their swimmers, Brian Job and Philip Long. Egon Henninger, East Germany, was also a threat.

In the finals the 17-year old triumphed in the classic style of coming from behind to emerge as the victor. Kosinsky was the first to take the lead and led Job and Henninger into the first turn by a stroke. He continued to lead the field and was first at the 100 meter turn at 1:12.3 with Henninger, 1:12.6, Job, 1:13.4, and Munoz, fourth, 1:13.8.

As the race progressed toward the 150 mark Pankin and Henninger came up to challenge Kosinsky. No one noticed Munoz was also coming up, but remained in fourth as Job hung onto second. At the 150 turn the Mexican spectators went wild thinking Munoz had a chance. He had passed Pankin immediately after coming off the wall. The roar reached a crescendo as he closed in on Job and passed him. The bedlam never ceased as he drew even on Kosinsky and then flicked out his arms at the finish for a victory. The roof "blew off" as his country-men screamed "Mejico, Mejico". Munoz, the first Mexican to ever win a Olympic gold medal in swimming, had become their hero.

Felipe's final time was 2:28.7, for Kosinsky, 2:29.2, and for Job 2:29.9 to round out the medal winners. Pankin was fourth in 2:30.3, followed by Mikhailov, 2:32.8, Henninger, 2:33.2, Long seventh, 2:33.6 (2:33.1 in prelims), and Osamu Tsurumine, Japan, eighth with 2:34.9 (2:33.9 in prelims).

Munoz was very emotional after the victory and said: "I can't express how I feel upon winning Mexico's first gold medal. I swam the race the way my trainer, Ron Johnson wanted me to, he said to start off slowly and pick it up as the race progressed and this is what I did."

Job, 16, said, "I think the race went just about as expected. Judging from previous experiences I thought it would go this way. I didn't know what place I would get. You just go out and try your best and then wait to see what happens." Munoz added, "When I touched the plate and saw the clock I could hardly believe it. My first impression was to jump like everybody else. I didn't realize I had passed Kosinsky because I went out to swim my own race and that's what I did. I didn't look at anybody else."

SEVENTH DAY - OCTOBER 23, 1968

After the preliminaries of the women's 10 meter platform diving, Milena Duchkova, Czechoslovakia, was leading with 55.25, only a hundredth of one point ahead of Natalia Lobanova, USSR, 55.24, with Ann Peterson, USA, 53.44, and Beverly Boys, Canada, 53.20, close behind.

Lesley Bush, the 1964 Olympic Champion from the United States, failed to make the final round of dives by missing her opening dive, and scored only 43.72 in the preliminary rounds. Keiko Ohsaki, Japan, was the last qualifying diver at the end of the prelims with 47.77 points.

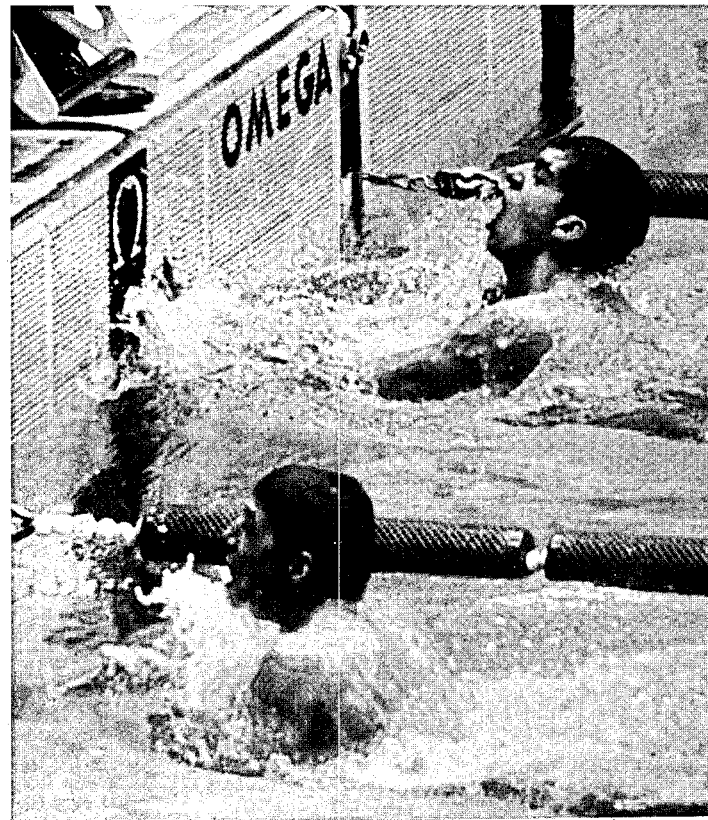
In the finals Duchkova dove superbly hitting an inward two and a half for 20.28 points on her last dive to easily win the gold medal with 109.59 points. Miss Lobanova won the silver medal with 105.14 points, while Miss Peterson was third with 101.11. Miss Boys was fourth, 97.97 points.

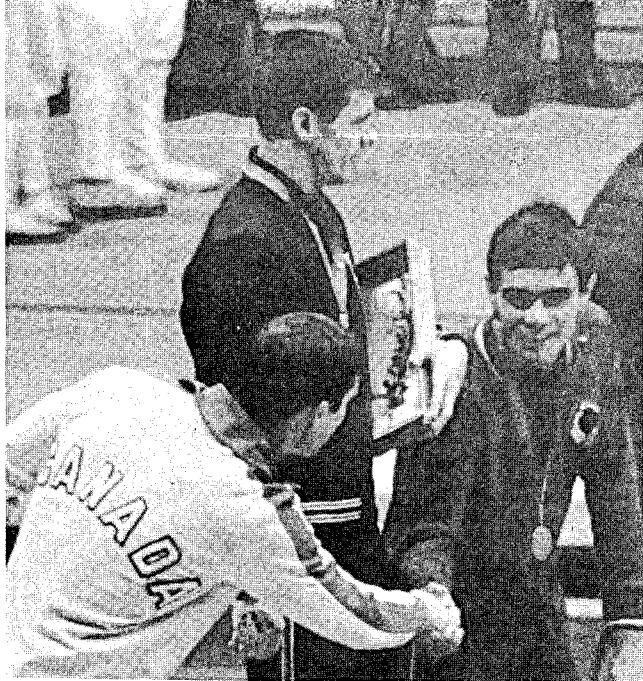
Miss Duchkova, 16, stated, "The loud cheering was not for me personally, but for my country. I am glad I dove well in the finals. I have been diving for eight years and am a Czechoslovakian secondary student."

Miss Lobanova, 21, said: "I didn't dive well. I thought I would place higher than I did. I didn't know who of the three of us would win the final. The other two are both good."

Miss Peterson said: "My first and fourth dives cost me the title. I've been sick lots of the time and just didn't have the time to practice my more difficult dives. I figured these would do pretty good. I expected Lesley to be right up there."

Victory GASP - Felipe Munoz, top, touches out Vladimir Kosinsky, USSR, to win Mexico's first Olympic gold medal. The 16-year old Mexican won the 200 m. breaststroke in 2:28.7.





INTERNATIONAL CONGRATULATIONS — Alain Mosconi, France, bronze medalist, and Ralph Hutton, Canada, silver medalist, clasp hands after finish of the 400 m. freestyle, Mike Burton, USA, gold medal winner in 400 and 1500 freestyles, looks on.

Mike Burton, USA, who almost failed to answer the starter's gun because of illness before the prelims, false started in the men's 400 meter freestyle, but after his first plunge, he didn't make any mistakes in winning the race.

Mike went out hard and at the 50 meter mark had a stroke lead over the field. In lane eight Ralph Hutton, Canada, made his move to drop the field taking the lead with 1:00.4 to Burton's 1:00.6, Alain Mosconi's, France, 1:01.4, and John Nelson's, USA, 1:01.7.

Burton regained the lead going into the 200, returning 2:03.8, with Hutton a half body length back at 2:04.4, Mosconi, at 2:06.1, was third. At 250 Burton tried to shake Hutton, but didn't until 300 meters when he opened his lead, as Hutton returned 3:08.3 to Burton's 3:07.4, Mosconi was 3:10.2, and out of the race.

With half a length lead going into the last 100, Burton started to pour it on and slowly lost Hutton. Burton, always tough no matter the length of race, won going away in 4:09.0 . . . fantastic at altitude. Hutton took the silver medal in 4:11.7 and Mosconi, who swam a good tactical was third in 4:13.3.

Fourth went to Gregory Brough, Australia, 4:15.9, who made his move too late for a medal. Australia's Graham White, 4:16.7, was followed by Nelson, 4:17.2, Hans Fassnacht, West Germany, 4:18.1, and Brent Berk, USA, eighth in 4:26.0 (4:20.2 in prelims).

"I was really lucky. I've been sick, I passed out, thrown up, but for the last two days I've been getting stronger," said Burton. "I took it out like I wanted to, at a minute, I could have gone out faster but I didn't dare. I always go out to win, and I felt I had it from the last lap going home. I don't think training has reached a peak. I do 12,000 meters a day, I feel you can still improve within that limit," Burton said.

Hutton said, "The reason I barely qualified for the final (lane eight in 4:21.0) was that I wanted lane two or seven, but I underestimated a few swimmers. Once or twice I did 20,000 meters a day getting ready for this. I don't think interest will die off in distance swimming most swimmers do a little more than half of this."

Mosconi, France's bronze medalist said, "I would like to train more for the 400 but I have too many school hours, and we don't have enough facilities so it presents a real problem."

In the women's 200 meter breaststroke, Sharon Wichman, qualified third in making the United States Olympic team, but at Mexico was the fastest qualifier for the Games final. Sharon, in nervous calm, slowly took off her warm-up suit. However, it was the only slow thing she did that night.

Going out the first 50 meters, Olympic Champion, Djurdjica Bjedov, Yugoslavia, Galina Prozumenschikova, USSR, and Miss Wichman, all turned ahead of the field in close order with Wichman ahead by a hair. At the 100 meters mark Miss Prozumenschikova had taken a stroke lead with 1:18.4 to Miss Wichman's 1:18.6 with Miss Bjedov, third, 1:19.3. At the 150 meter

turn Galina still led Sharon with Miss Bjedov in lane one third and Cathy Jamison, USA, in lane seven now beginning to move up. Heading for home Miss Prozumenschikova still led, but Miss Wichman fought back. She lengthened her stroke, and smoothly regained the lead and held it the last 20 meters to win by half a body length for her gold medal.

Miss Wichman returned 2:44.4, an Olympic record, Miss Bjedov was second with 2:46.4 as Miss Prozumenschikova faded to third 2:47.0. Fourth went to Alla Grebennikova, USSR, 2:47.1, followed by Miss Jamison, 2:48.4, Svetlana Babanina, USSR, 2:48.4, Chieno Shibata, Japan, 2:51.5 (2:50.6 in prelims), and Ana Maria Norbis, Uruguay, 2:51.9.

Sharon, 17, was ecstatic over her victory. "My great coach, (Hungarian Stefan Hunyadfi) has done everything for me. I wanted to be in there whether Catie Ball was or not, (Catie Ball, America's premier breastroker and world record holder, became ill at the Games and was removed from the 200.). I went faster the last lap because I figured everyone was going to, so I went as hard as I could. The heat time (2:46.8) was easy. I thought I'd be ahead in the final. I was worried one of them would come up and beat me. After the 75 when I got behind I thought I was through but I kept on trying and I'm glad I did. I was sick in the prelims but I got rid of it. It's a nice feeling to see the flag go up for your country," Sharon said.

The 400 meter individual medley was a race between America's Gary Hall and Charles Hickcox. Both clocked 4:56.2 in the prelims to lead all qualifiers. In the finals Hickcox opened a lead on the butterfly but Hall cut it down to barely a stroke margin, 1:02.4 to 1:02.6 at the 100. John Gilchrist, Canada, was third at the end of the butterfly with 1:03.4. Hall because he was fresher, outdueled Hickcox on backstroke and slowly assumed the lead 2:15.5 to 2:15.9 at the 200 meter mark. Michael Holthaus, West Germany, was now third at the halfway point with 2:17.9. At the 300 turn Hickcox had pulled ahead over the last 25 meters of the breaststroke to lead Hall 3:44.6 to 3:44.9. Holthaus closed to 3:46.0 on the breaststroke leg, and Greg Buckingham stayed in fourth at 3:48.5. The freestyle leg was a fan's delight as the two Americans went stroke for stroke, turning even with a 50 to go, but Hickcox held off his rival by three-tenths, winning in 4:48.4.

Holthaus, by a razor's edge, took third, although Buckingham made up a two and a half second deficit to register the same time, both swimmers clocking 4:51.4. Gilchrist was fifth in 4:56.7, with Richard Merkel, West Germany, 4:59.8, to touch out Andrei Dunaev, USSR, 5:00.3, and Rafael Hernandez, Mexico, 5:04.3 (5:01.0 in prelims).

"I wasn't sure of the last 100, but with 75 to go felt I had him and I feel very lucky to have passed him," said Hickcox. "The U.S. does better because we've got the training and the competition. We're use to the big meets and the pressure. This was a very tough race, maybe my toughest, but if you're in shape you can do this many races, even at altitude," he said.

Hall, 17, stated, "I was sure I didn't win. I wanted to stay with Charlie as long as I could and go into the last 100 ahead and try and beat him. It was a pretty good race. To stay with Charlie it had to be. My ears are popping and it makes for really hard breathing up here."

Holthaus, 18, who's been competing for five years, couldn't believe he'd won the bronze medal. "I came here expecting to get fourth or fifth. I was afraid of the Americans. I've had three weeks of altitude training at Puebla here in Mexico."

The 100 meter backstroke for women was prognosticated as an easy victory for Canada's Elaine Tanner. Elaine had reduced the Olympic record by three tenths of a second on her medley relay and in her preliminaries. With the absence of Karen Muir, whose country, South Africa, was barred from the Olympic Games, Elaine was the favorite.

(Continued on Page 16)

COLD WAR THAW — Gold medal winner Sharon Wichman, center, USA, and Galina Prozumenschikova, USSR, bronze medalist, show no ill feelings following the 200 m. breaststroke. Alla Grebennikova, USSR, watches the display of friendship.



But Kaye Hall, USA, had different ideas even though she had never defeated Elaine in the 10 years they had been competing against each other (Elaine is from Vancouver, B.C., and Kaye from Tacoma, Washington, just over the border). Kaye went out hard and Elaine stuck with her for 25, but Kaye continued to sprint and was first by a stroke at the turn in 30.9, with Jane Swagerty, USA, a half stroke behind Elaine.

Kaye continued to stroke strongly and at 75 meters it was apparent Elaine could not catch her unless Kaye died. Hall never faltered and swam the best race of her life, breaking the world and Olympic record with 1:06.2, Elaine clocked 1:06.7, and Swagerty held on for third with 1:08.1 to touch out teammate Kendis Moore, 1:08.3.

Fifth went to Andrea Gyarmati, Hungary, 1:09.1, followed by Lynette Watson, Australia, 1:09.1 (1:09.0 in prelims), Sylvie Canet, 15, France, 1:09.3 (1:09.0), and New Zealand's Glenda Stirling was 1:10.6 (1:10.1 in prelims). Sylvie Canet, trained by the famous French coach, Suzanne Berlioux, is the bright French prospect expected to hit 1:06 in 1969.

Miss Hall, 16, couldn't believe she had actually won, "I've been swimming against Elaine for 10 years and never beaten her. The 100 was my best chance to win. I just took it out as hard as I could and then just tried to stay ahead of her because she really bombs it home. I was hoping to win, but I didn't know if my plan would work. They've been behind me back home with cards and letters and I can't wait to get home and hear what they say now," giggled Kaye, who had just scored one of the biggest upsets in the Alberca Stadium.

Miss Swagerty, who was third, commented: "I knew it would be tough. I just swam my hardest and hoped it would be enough. I didn't see Kendis (Moore, who was fourth by a hair). I could see Lyn Watson and I beat her. So I thought I was third."

#### EIGHTH DAY - October 24, 1968

Debbie Meyer, took the women's 800 meter freestyle as easy as water running off a duck's back.

Miss Meyer grabbed the lead immediately and did the first flip ahead of Karen Moras, Australia, the fastest qualifier at 9:38.3, with Maria Teresa Ramirez, Mexico, and Pam Kruse, USA, following closely. Debbie had a body length lead (1:05.8) over Karen (1:07.0) with Ramirez (1:07.4) ahead of Patty Caretto, USA (1:07.7). Debbie increased the margin to three strokes at the 150 and stretched it to a body and a half lead at the 200 with 2:15.9 over Miss Moras, 2:18.5, Senorita Ramirez, 2:19.3, and Miss Caretto, 2:20.0. Meyer had five strokes on Moras at the 250 and, ever pressing, extended it to three body lengths at the 300 with 3:27.0 to Karen's 3:31.5, followed by Maria Teresa, 3:32.2 and Miss Kruse, 3:32.6, with Patty now back in fifth place at 3:33.4.

At the 350 Debbie had moved to an eight stroke lead and was four and a half body lengths ahead at the 400 in a spectacular display of swimming ability. She posted 4:38.6, ahead of Moras, 4:44.9, Kruse, 4:45.1, Ramirez, 4:45.8, Caretto, 4:48.0, and Angela Coughlan, Canada, 4:51.1. Debbie was breezing and Kruse moved up even with Moras at the 450. At 500 Debbie had 15 meters on Kruse, now second at 5:57.6, with Moras at 5:58.9, and Ramirez, 5:59.3. Ramirez was stroke for stroke with the Australian at 600, only two tenths off Karen's 7:13.0 pace with Kruse steadily moving away, 7:10.3, and Debbie out of sight at 7:02.3. Caretto had dropped back about three body lengths behind the medal contenders at 7:19.5.

Coming off the 700 flip Miss Meyer had a very comfortable lead at 8:14.6 with Miss Kruse, 8:23.9, two body lengths ahead of Miss Moras, 8:27.1, and Ramirez, a tenth back. At 8:49, Debbie flipped her 750 turn and now the race was for third as she and Kruse were assured of medals. Attention was now on the Australian and the Mexican battling for the bronze medal.

Debbie finished easy at 9:24.0, and Olympic record in a new event. Pam nabbed second in 9:35.7, and the natatorium went loco as Ramirez touched out Moras by a tenth, clocking 9:38.5. Fifth went to Caretto, 9:51.3, trailed by Coughlan, 9:56.4, Denise Langford, Australia, 9:56.7, and Laura Vaca, Mexico, 10:02.5 (10:01.8 in prelims). It was a great swim for Meyer, who won by about 18 meters.

Debbie talked about the race afterwards, "I didn't have any real definite plan. I just paced it all the way. It felt easy! I didn't try and hit any particular splits, I just swam it. I might swim one or two more years. I might even swim on to Munich if I can make the team. It feels great to win three gold medals. I'm going to give one to Sherm, he's the greatest."



TIGHT FINISH - Kaye Hall, USA, top, touches home for a gold medal and world record in the 100 m. backstroke in 1:06.2. Heavy favorite Elaine Tanner, Canada, finishes her last stroke, for the silver medal.

Pam said, "I was just trying to hold my pace and it just so happens that I pulled out ahead of the rest. I think they just slowed down a little from going out so hard. I thought about beating Debbie but at 400 I thought it was pretty doubtful. I plan to swim one more year for sure!"

Senorita Ramirez stated, "It was a hard race, but I am really happy with my place. When I beat her (Moras) I just couldn't believe that I'd finished third."

All three United States men false started in the 200 meter butterfly in protest of not being allowed in the pool to get wet prior to competition.

The field went out even, for only 1.3 seconds separated the first (John Ferris and Mark Spitz, USA, 2:10.6) from the last qualifier (Peter Feil, Sweden, 2:11.9). At the 50 it was tough to pick a leader, but Martyn Woodroffe, Great Britain, Volkert Meeuw, West Germany, and Carl Robie, USA, were all about half a stroke ahead of the rest. At 75 there was still no leader, and seeing this, Robie accelerated into the lead with Woodroffe right with him. Much to everyone's astonishment Spitz was last and Ferris next to last at this point. Robie's 100 time was 1:02.5, followed by Woodroffe, 1:02.9, Feil, 1:03.3, and Meeuw and Valetin Kuzmin, USSR, 1:03.7. At 125 meters Ferris broke away from Spitz and proceeded to pick up the field. At 150 meters Robie and Woodroffe were almost even, but Carl had a slight edge, and Feil was just ahead of Kuzmin and Ferris. At 175 Robie looked like he would have a tough time against the determined Englishman, but he hit the wall perfectly to win by a touch in 2:08.7 over Woodroffe, 2:09.0, and Ferris, 2:09.3, the latter coming on like gangbusters after splitting 1:04.3. Fourth went to Kuzmin, 2:10.6, with Feil, 2:10.9, Meeuw, 2:11.5, Victor Sharygin, USSR, 2:11.9, and Spitz, last, 2:13.5.

Robie was matter of fact about his victory and the gold medal, which eluded him in 1964 when he was second. "Actually I was confident of winning after our trials. It seemed nobody was swimming that well, and I was very confident after the first 100 meters here because the second part of my race is the strongest for me. It's been touch and go with me since Tokyo because I spent a year in law school and was fortunate to train this summer. I'm very happy to have won," Carl said.

Woodroffe displayed confidence in his performance, "At the beginning I thought that Carl would win and not Spitz, and I was in the next lane (Lane 1) so I just hung onto him and that's all there is to it. Spitz has been swimming since the beginning of the week and he's lost a couple of times already and this was Carl's only swim and so he must have had a better taper and psychological advantage," Woodroffe said.

"That was partially my reason too," Robie stated. "That was his seventh swim that he had this week (Actually it was Spitz' 10th) and I know the 100 butterfly was a big disappointment to him and psychologically he was down. In training camp at altitude he didn't train that much butterfly and I know that swimming a 200 meter butterfly at altitude is more difficult than at sea level. After watching him swim today I really had my doubts as to whether or not he could win," Carl said.

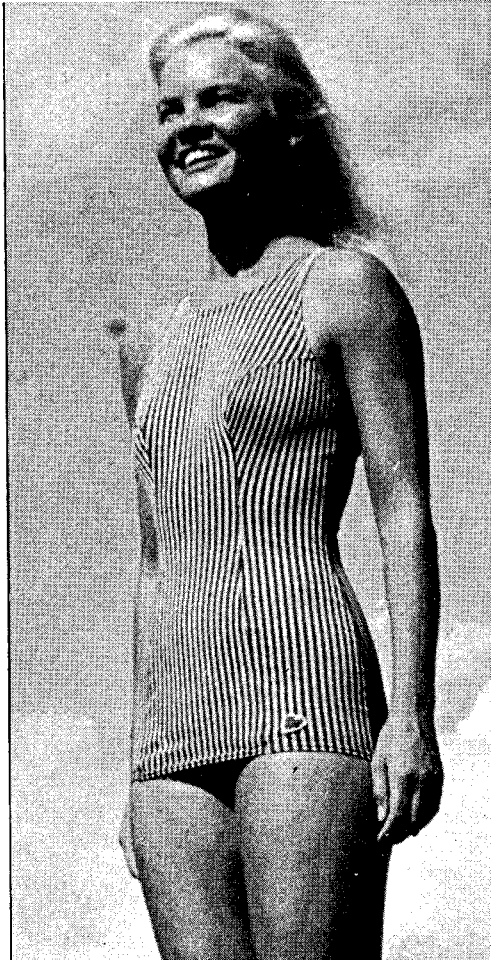
Woodroffe, who didn't have a coach until nine months ago, paid his coach homage, despite his own courage and guts. "Well, it's very obvious that I'm very thankful to my coach, Roger Eady, and I'd be lost without him I think." (Continued on Page 18)

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THE AGONY AND THE ECSTASY — As Martyn Woodroffe, Great Britain, top, conquishes after finishing second to smiling Carl Robie, USA, in 200 m. butterfly. John Ferris, USA bronze medalist, back to camera, moves to congratulate his teammate.

#### OLYMPIC STORY (Continued from Page 16)

Ferris was depressed after the race and through a terrible coughing spell said: "I had everything left after the race. I was swimming Mark Spitz. I'd take it out a lot harder if I could do it again. I felt I could do a six here. I'm disappointed with third. I expected Mark to be the one to beat, but he wasn't. I thought I could win, but I figured the person I was going to have to beat was Mark. I talked over strategy with Don Gambriel and he too felt Spitz was the one to beat. He told me to go out slow and build up slow, but I had a lot left. I feel perfectly fine. I fainted after the 200 I.M. Whenever I overexert and don't get enough oxygen, I just faint. I've been fine except for this cough I've had all week. If I'd have known before the race Mark was going to do this, there would have been no doubt in my mind I would win. I would have swam my usual race and gone out hard. I was trying something new here like Doug Russell did. I figured this might work for me too. But I went out slower even considering that I wanted to be out slow because of the fact I wanted to be with Mark."

In the 200 meter butterfly for women, the crowd pleaser won. Likable Ada Kok, 21, of Holland, had been nipped in Tokyo by Sharon Stouder in the 100 and lost the 100 here, finishing fourth. But she overcame the odds and swam a beautiful race for the gold medal in the 200.

Margaret Auton, Great Britain, was the early leader, but at the 50 meter turn Heike Hustede, West Germany, led over the field. At the 75 the Americans were out of the picture and the race into the 100 was between Hustede, who turned in 1:08.9, Helga Lindner, East Germany, 1:09.8, Miss Kok, 1:10.2, with Ellie Daniel, USA, 1:10.8, and Miss Auton, 1:11.0, trailing. The two German girls fought it out down the third lap with Daniel pulling even with Kok. At 150 meters, the Germans turned together with Kok third, and Daniel fourth. Toni Hewitt, USA, was coming up but had a long way to go and it did not appear that she could win. (Hewitt was the fastest American in the U.S. trials and in qualifying for the finals in the Games). Coming home, Kok passed Hustede and inched slowly ahead of Lindner, touching first in 2:24.7, an Olympic record in a new event. Miss Lindner was second in 2:24.8 and Daniel was third in 2:25.9. Miss Hewitt took fourth, 2:26.2 followed by Miss Hustede 2:27.9, Diane Giebel, USA, 2:31.7, Miss Auton 2:33.2 and Miss Yasuko Fujii 2:34.3 (2:33.4 in prelims).

Ada, six feet, 172 pounds said, "I will retire in a year or so depending how long it takes me to taper off. I am definitely quitting after this Olympics. I wasn't worried about being behind because the race is 200 meters not 100 meters, so I still had a 100 to go. I do better in the 200. I like it because the 100 is a chance event, but the 200 gives you more of a chance to think."

Miss Lindner, 17, commented, "I didn't think I'd win. I wasn't surprised to find myself leading, because I thought I'd do a very good time. I'm very happy to place this high, I thought I could win when I got ahead but I didn't expect it."

Miss Daniel said, "I wanted to swim against Ada and Toni. I figured they'd be the toughest, but I got hung up with Toni instead of the field. If I could have done it differently I would have gone out a lot harder. I tried my hardest, but it just didn't go the way I expected. I don't know what happened. I didn't think Ada would do that well judging from her 100."

The men's 200 meter freestyle was almost as easy for Australia's Mike Wenden as his 100 Victory and certainly just as much of an upset when he defeated world record holder Don Schollander, USA.

Mike led from the start and had half a body length on Don at the 50 with the rest of the field spread even. Coming into the 100 meters Wenden had almost a body length on Don, 56.4 to 57.1 with John Nelson, USA, 57.4 and Ralph Hutton, Canada, 57.5, the closest challengers. Nelson made his move on the third 50 and

pulled up to Schollander's shoulder, but couldn't press further. After the turn it was apparent that only Don had a chance to catch Wenden.

Schollander closed over the last 25 meters, but he couldn't pull out the victory and Wenden won the gold, 1:55.2 to Don's 1:55.8, with Nelson third, 1:58.1 and Hutton fourth, 1:58.6. Alain Mosconi, France, 1:59.1, Robert Windle, Australia, 2:00.9 and Semyon Belits-Geiman, USSR, seventh, 2:01.5 (2:01.2 in prelims) trailed in order. Steve Rerych, USA, who qualified sixth in 2:00.6 was absent from the final due to illness five minutes before the race.

Wenden said he didn't hold any particular reverence for Don Schollander in the 200. "I only looked on Don as a first class competitor and one that I had to fear so I treated him cautiously. I tried to take it out rather hard because I know that Don and John like to swim their races evenly. I think my turns were rather slow but I don't worry about them except in the sprint. The facilities in Australia are not very numerous, but that's because of the population. What we have are adequate," Wenden said.

Schollander, who is hanging up his suit after an illustrious career commented, "I feel very fortunate to have gained the success I've achieved. I think it's a career I'll be able to look back on and be very pleased about. I would have liked to have won because it is my last race but I did as fine a job as I could. I'm not disappointed a bit."

Don continued: "I think I swam just the way I wanted to. I wanted to be out not too quickly yet not too slowly, fairly relaxed. Knowing Mike has bad turns and I have good turns I tried to use that to my advantage. I tried to swim into the 100 and come out hard and be somewhat ahead by that move. Then I hoped to be able to break his rhythm on the third length. What actually happened was I found myself behind after the 100 and I had to blast the third lap instead of swimming it as a pickup. I still hadn't caught him at the end of the third length. Well, I didn't know exactly what was happening because I was breathing on the right side coming home and he was on my left, and I just didn't make up enough to close on him. I consider a disappointing race one in which I swim poorly or else I miss a turn or something so in that respect I don't consider this a disappointing race. However, I am disappointed because this is my last race and I would like to have won it."

Nelson said, "Yes I swam about the same race as I did against Don in our trials. I'm not disappointed. I figured I had a chance but when I dropped back I just swam for a medal. I only swam a little better than I did on the relay but I was fresher then. I hope to recover in time for the 1500 in which there are heats."

#### NINTH DAY — OCTOBER 25, 1968

The women's 200 meter backstroke marked the first appearance of Pokey Watson, USA, the fastest qualifier at 2:29.2, Kaye Hall, USA, 2:31.1, and Elaine Tanner, Canada, 2:30.9, the first and second place finishers in the 100 meter backstroke were back for their second duel.

Miss Tanner took it out very hard in the finals ahead of Zdenka Gasparak, Yugoslavia, lane seven. Watson and Hall were very smooth the first 50 and were tied for third at the turn. Tanner used the same tactic she employed in the Pan America Games, that of taking it out hard and losing the field. At 75 meters she had a body length on Pokey. At the 100 Elaine led with 1:09.1 with Pokey second, still a body length behind, Gasparak third, Hall fourth, and Lynette Watson, Australia, fifth.

At the 125 mark Pokey had caught Elaine and was ahead at the 150 meter turn with Hall third and Watson fourth. Stroking very strongly, Pokey ran away with it on the last lap leading the field by three body lengths. Pokey posted 2:24.8, an Olympic record in a new event, Miss Tanner was second, 2:27.4, Miss Hall third, 2:28.9, Miss Watson fourth 2:29.5, Wendy Burrell, Great Britain, 2:32.3, Miss Gasparak, 2:33.5, Maria Corominas, Spain, 2:33.9, and Benedicte Duprez, France, eighth 2:36.6. (2:34.5 in prelims).

"I used to swim the back as a secondary event. I'd been swimming freestyle so long I was getting in a rut, so a new event seemed like a good idea," said Olympic champion Pokey, 18. "I knew Elaine was going to be out in a nine at least and I knew I wasn't able to go out that fast so I knew I'd have to catch her on the third lap and then hold her off. I know Karen Muir is a fantastic swimmer and I know 10 years from now I'll wonder if I could have beaten her, but if she'd been here I would have tried just as hard to win. This is only the fourth meet I've swam the 200 back but it paid off for me."

Miss Tanner, 17, said, "I might retire or I might just swim for fun." The Canadian champion added, "I think I swam a better race here. I wanted to swim it just the way I do at sea level, but I guess I

slowed down on the third lap. I don't think the altitude was that bad."

Miss Hall said, "I wanted to get a medal, I was hoping for a gold, but I didn't swim a very good race. I was out much too slow. I wish I could have done better and swum a better race, but it's over now and I'm glad."

Roland Matthes, East German backstroke world record holder, played cat and mouse with the field in the *men's 200 meter backstroke*.

In the finals Matthes was out smooth and easy letting the American duo, Mitch Ivey and Jack Horsley, set the pace. At 50 meters Ivey and Horsley turned together with Matthes right behind and Leonid Dobroskokin, USSR, fourth. At 100 meters, Matthes was still a stroke back as Ivey touched out Horsley both splitting in 1:03.2 with Roland 1:03.8 and Dobroskokin, 1:04.7. At 150 meters, the two Americans turned together again with Roland still back and in lane one Gary Hall, USA, was now fourth. But coming off the wall Matthes changed his stroke rhythm and with a faster turnover picked up the pace and stroked right by the Americans.

Matthes set a new Olympic record in winning, 2:09.6, to break Jed Graef's, USA, 2:10.3. Ivey was second 2:10.6 followed by Horsley, 2:10.9, Hall, 2:12.6, Santiago Esteva, Spain, 2:12.9, Dobroskokin, 2:15.4, Joachim Rother, East Germany, 2:15.8, and Franco Del Campo, Italy, 2:16.5 (2:16.3 in prelims).

Matthes, 17, said he wasn't sure he would pass the Americans early in the race, not any more sure than the 100. "I was nervous and excited before the race but it's normal," he said. Matthes, young and not matured, should dominate the dorsal event through the 1972 Olympics. He is certain to lower his own world standards.

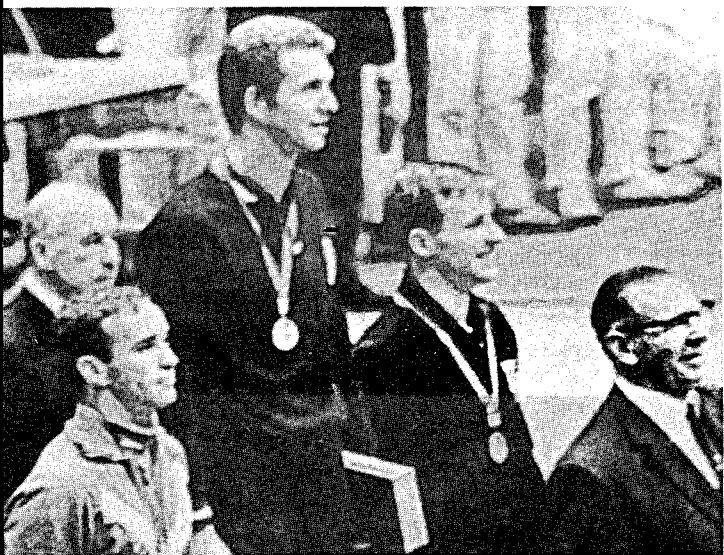
Mitch, 19, commented, "I wanted to be out in a mid two and be easy to save my legs and try and get him coming home but he was too strong. Jack and I are roommates and we talked it over and figured we'd be out with him even though he has a faster 100 and it would just be a matter of who could come home stronger. I've been swimming 13 years and getting a medal at the Olympics is just a dream for me."

Horsley, 17, said, "I've had a cold but it didn't bother me. I just tried to swim as hard as I could the last lap. I didn't know what I got. I don't look during a race because my stroke goes to pot. I would have rather had a silver or a gold medal but I'm satisfied. I'll just have to swim through college and try again in '72."

In the *women's 400 meter individual medley*, Claudia Kolb, 18, who swims all strokes with equal efficiency, led her opponents from start to finish. She jumped off to an early lead in the butterfly edging teammate Sue Pedersen at the 50 and enjoying a body length and a half over teammate Lynn Vidali. At 100 meters Claudia split 1:08.2, to 1:10.2 miss for Vidali with Miss Pedersen 1:11.1. On the backstroke Miss Kolb held her lead while Miss Vidali pulled away from Miss Pedersen whose only chance to win a silver medal was to lead Lynn on the backstroke. In lane two, Sabine Steinbach, East Germany, had also passed Miss Pedersen.

At 200 meters Claudia was two and a half body lengths in front at 2:27.9. Miss Vidali was second 2:31.9 working hard to keep ahead of Miss Steinbach, 2:32.7. The East German pulled even with Miss Vidali on the first 50 of the breaststroke but dropped 2 body lengths by the 300 mark. Miss Kolb, a former breastroker, had nine seconds on Miss Vidali going into freestyle. Miss Steinbach had three body lengths on Miss Pedersen. At the finish, it was Claudia in a

**MOMENT OF TRIUMPH** — From left Alvaro Gaxiola, Mexico, silver medal, Klaus Dibiasi, gold, and Win Young, USA, bronze, reflect pride as their country's flag rise.



fantastic 5:08.5, an Olympic record, with Miss Vidali getting the silver medal, 5:22.2 and Miss Steinbach holding off a fast closing Sue Pedersen for the bronze, 5:25.3 to 5:25.8.

Fifth went to Shelagh Ratcliffe, Great Britain, 5:30.5 followed by Marianne Seydel, East Germany, 5:32.0 (5:30.9 in prelims), Tui Kathleen Shipston, New Zealand, 5:34.6 (5:33.7 in prelims), and Laura Vaca, Mexico, 5:35.7 (5:33.7 in prelims).

Miss Kolb, who is retiring, said, "I feel great, I'm glad I was an IM swimmer. I used to be a breastroker and had to do it everyday. Now I can workout in anything I want when I get tired of one stroke. It's more challenging. This is what I've been working for, and although I didn't expect a world record, I got up for the race because it's the Olympic Games. If I was at sea level I think I could have gone under 5:04, but I don't know how much. They'll be going under 5:00 before long.

Miss Vidali, 16, commented, "I usually swim for third at our nationals but here I felt loose warming up and felt I could get a second. Claudia's tough to beat and I didn't think I could beat her. I hope to swim for two more years."

The European champion, Miss Steinbach was very calm even though she beat out Miss Pedersen for a medal. "I didn't especially want to beat the Americans as much as get a medal. It's my best race. My European record is 5:14.9," she said.

Coach Haines of the U.S. team said: "I'd have to say Claudia was possibly the best I've ever coached, but I hate to classify them, it's not fair. She was great. I thought both kids did well tonight to get one, two and I think Lynn can succeed Claudia if she wants to."

#### TENTH DAY, OCTOBER 26, 1968

The *10-meter platform dive* is always a spectacular event. It requires iron nerves and a repertoire of difficult dives that must be executed with great consistency, for one error and you can never recover.

There were 36 entries in the event and the field included the favorite, Klaus Dibiasi, Italy; Soviet champion, Mikhail Safonov; three outstanding Americans, and three very well trained Mexicans.

Rick Gilbert, U.S., got off to a shaky start, scoring poorly on his first and fourth dive and never made the final flight of 12.

Mexico's Alvaro Gaxiola, 31, a veteran of many international competitions, scored high on his fourth dive to give him the lead after the first day, 58.04 to Dibiasi's 55.07, followed by Win Young, U.S., 52.90 and Keith Russell, U.S., 51.84.

After the second day, with three more dives completed, Dibiasi had moved into a well earned lead with a 108.04 point total. Gaxiola had 103.33 points, with the American pair, Russell at 101.38 and Young 99.98. Lothar Matthes, East Germany, had amassed 92.19, just a few points behind Franco Cagnotto, Italy, 94.73 and barely ahead of the Soviet pair, Vladimir Vasin, 91.91 and Safonov, 91.43. Also still in the picture were the Mexicans, Jose Robinson, 91.16 and Luis Nino de Rivera, 93.66.

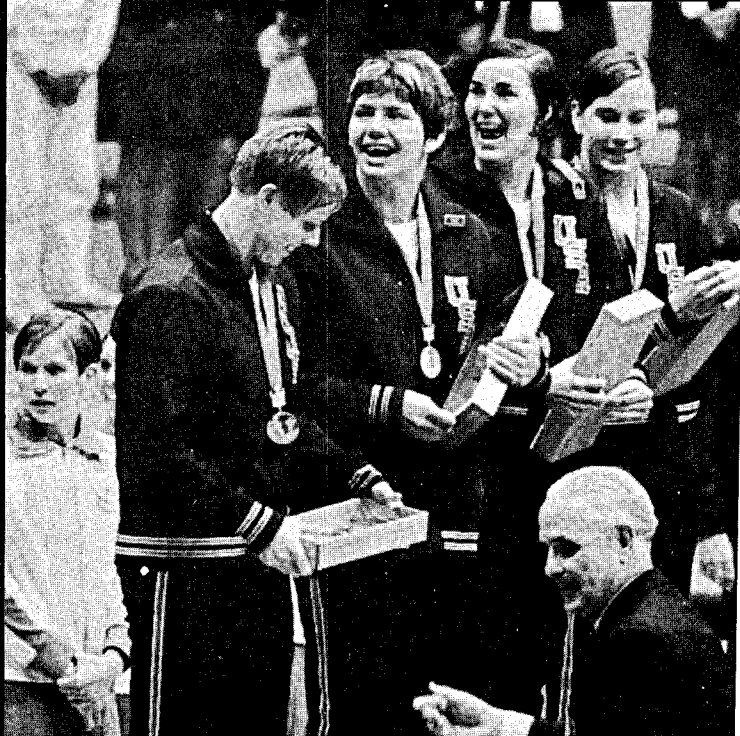
The final round of dives was more of a contest between the judges and the vociferous crowd of Mexican spectators, whose feeling for sportsmanship must have been developed at the bullring.

The spectators, lacking any knowledge of how diving is scored, not only intimidated the judges into high scores for their countrymen... something that was not unexpected, but their hoots, whistling and jeers must have affected the other competitors. Perhaps the most disgraceful outburst occurred after Gaxiola's ninth dive when the unruly mob of partisan fans angered by what they believed was too low a score by the judges, brought the competitions to a complete stop for at least 20 minutes by their boos and whistles. Russell was forced to stand on the platform during this outburst, and when it somewhat subsided he attempted to execute his dive. Needless to say, the crowd achieved its purpose, as he dove poorly on a drive that is one of his best and one which he scored eights and nines with at the Trials in Long Beach. It cost him a medal.

Dibiasi, the silver medal winner at Tokyo, was magnificent. The 21-year old physical education student gave Italy its first gold medal ever in swimming and diving as he finished with a total of 164.18 points. His eighth dive, an inward  $2\frac{1}{2}$  somersault, tuck position, picked up 19.92 points. He followed this up with 20.02 points from his  $3\frac{1}{2}$  forward somersault, tuck and then hit 16.20 on his final dive to clinch the gold medal.

Gaxiola was awarded most generously on his last dive picking up 18.89 points on a  $3\frac{1}{2}$  somersault, tuck. It was just enough to give him the edge over Young who had scored 20.88 points from a  $1\frac{1}{2}$  forward somersault, with three twists, free position. Young had 153.93 and the Mexican 154.49.

(Continued on Page 51)



**HAPPINESS IS A GOLD MEDAL** — Members of the United States gold medal women's 400 m. freestyle relay display the joy that comes from winning. From left are Jan Henne, Sue Pedersen, Linda Gustavson, and Jane Barkman.

**OLYMPIC STORY** (Continued from Page 19)

Russell, who could only place second or third with a miracle, made his last dive after the Mexicans had already shouted their approval of Gaxiola's second placing. Keith picked up 21.17 points on his 1½ forward somersault, three twists, free position for a total of 152.34 points, enough for fourth.

Fifth went to Robinson, 143.62, followed by Matthes, 141.75, de Rivera, 141.16, Cagnotto, 138.89 and Safonov, 138.77.

Dibiasi, 21, six feet tall, was thankful for diving so well: "I am fortunate that Italy is getting better facilities and coaches. My father is my coach and Mr. Gerlitz, the coach of Cagnotto, also helped me. I was not aware of the judging, I had to worry about my diving. I was aware of Gaxiola, having dove with him before in Tokyo and here last year in Mexico City, and he has always been close."

Gaxiola, said that he had thought after hitting the board in 1964 he was through, but after taking time off from his engineering job he got into condition for the Olympic competition.

Young said: "Keith and I have been very close in local Arizona and national competition and we're very close friends. I hoped he would do as well as I did and on the last dive I hoped he would hit it. My thoughts were that I hoped we could both do our best for the United States."

For the final day of swimming, the long awaited duel between Mike Burton, U.S., and Guillermo Echevarria, Mexico, had packed the Alberca pool to capacity. This was the 1500 meter freestyle classic.

In lane two, Burton took out the 1500 very hard splitting 1:01.9, but was second as the Mexican Guillermo Echevarria had the crowd on its feet as he split 1:00.4. However, the torrid pace hit Echevarria at about 175 and he and Burton turned together at the 200 in 2:06.8 (this was faster than Echevarria went out in his 400 freestyle in the prelims). At 300 Burton was the clear cut leader with 3:12.5, Guillermo was second, 3:14.1 and Greg Brough, Australia, was third 3:15.4. At 400 Burton was well in front of the field at 4:19.0 and it was apparent that unless he died, the race for the gold medal was over. In fact, it was over after 200 meters. Echevarria was two and a half body lengths back at 4:21.4, Brough was third, 4:23.0, Graham White, Australia, was fourth 4:24.5, and John Kinsella, USA, was fifth 4:25.9. At 500 Burton was 5:25.0 and three body lengths ahead of Echevarria with Brough coming up on the Mexican's heels.

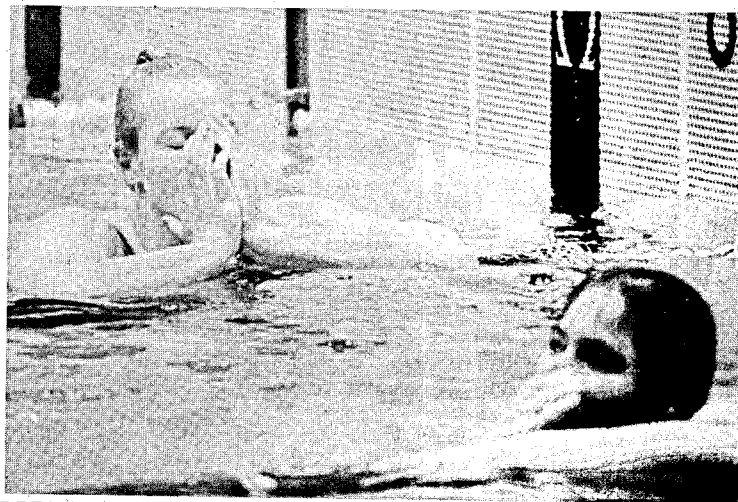
Burton was 6:32.8 at 600 meters, four body lengths ahead of Echevarria and Brough, both 6:41.3, with Kinsella a tick back at 6:41.4. At 700 meters Burton was way ahead and Kinsella had moved into second after 675 with Brough third, White fourth, and Echevarria had dropped to fifth. Coming into the 800, Burton had five body lengths on Kinsella, 8:47.2 to 8:56.9 with Brough third in

nine minutes flat. Ralph Hutton, Canada was making a move in lane seven on Echevarria who was fifth, at this time. At 900 Burton was still five lengths up on Kinsella who had two lengths on Brough with White at his feet. Echevarria was just a few inches ahead of Hutton. John Nelson, USA, in lane one, looked very tired and was completely off his 17:36.0 qualifying pace. He was out of contention for any medal.

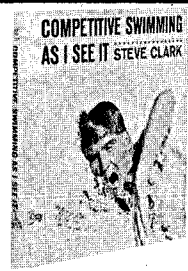
At 1000 Burton was 11:02.8, 18 meters on Kinsella, 11:13.1, who was four lengths ahead of Brough, with White fourth and Hutton now fifth.

At 1100, Burton hit 12:10.4 still holding 18 meters over Kinsella, 12:21.3, who was five lengths ahead of Brough, 12:29.1, who had a body length on White, 12:32.0 with Hutton at 12:38.8. Echevarria was now out of the race for third with 12:45.8. Burton was 13:17.8 at 1200 and 20 meters ahead of Kinsella who was a clear cut second, 15 meters ahead of Brough. Kinsella looked sure for a silver medal.

(Continued on Page 57)



**DREAM COME TRUE** — Ada Kok, top, ponders her greatest victory moments after winning the 200 m. butterfly. The popular Dutch girl, holder of all butterfly world records, did not win in the 1964 Olympics and was defeated in the Mexico City 100 fly but finally achieved her gold in the 200.



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NOTE: IN THE PRELIMINARIES AND SEMI-FINALS  
COMPETITORS ARE LISTED IN ORDER OF LANE  
ASSIGNMENT. THE 1ST NAME IN HEAT IS LANE 1  
2ND NAME IN HEAT IS LANE 2, ETC.

MEN

4x100 M FREESTYLE RELAY

HEAT 1	
EL SALVADOR (VILANOVA 55.85; GUERRERO 2:01.718; ALVARADO 3:04.145; DURON)	3:47.731
SWEDEN (ERIKSSON L. 55.676; ERIKSSON I. 1:51.537; WESTERGREN 2:47.685; LARSSON)	3:37.911
COLOMBIA (ARANGO 55.979; BECERRA 1:55.635; RICARD 2:54.438; GONZALEZ)	3:46.104
JAPAN (IWASAKI 55.808; OHSAWA 1:50.291; NAKANO 2:46.142; KITANI)	3:40.191
USSR (ILICHEV 54.358; GUSEV 1:49.101; MAZANOV 2:43.641; BELITZ-GEIMAN)	3:35.398
CANADA (FINCH 57.448; SMITH 1:50.709; HUTT-ON 2:45.458; GILCHRIST)	3:46.971
GBRITAIN (TURNER 55.459; JARVIS 1:50.458; HEMMROW 2:46.224; MCGREGOR)	3:42.347
SPAIN (CHICOY 55.037; FORTUNY 1:51.330; MARTINEZ 2:47.512; MARTEL)	3:40.482

HEAT 2	
PHILIPPINES (ROOSEVELT 59.728; AMHAN 1:54.567; TONY 2:52.439; LOUIS)	3:47.731
AUSTRALIA (ROGERS 55.295; CUSACK 1:50.940; WINDLE 2:44.870; WENDEN)	3:37.911
MEXICO (DECHAVEZ 57.115; SANTIBANEZ 1:52.843; ALANIZ 2:50.694; MAYOR)	3:40.191
USA (JOHNSON 54.401; RERYCH 1:47.574; WALL 2:41.589; SCHOLLANDER)	3:35.398
PUERTO RICO (GONZALEZ 55.0; GOODNER M. 1:55.412; GOODNER G. 2:51.023; FERRIOLI)	3:46.971
HUNGARY (LAZAR 55.962; SZENTIRMAI 1:51.917; CSATLOS 2:47.944; KUCSERA)	3:42.347
E.GERMANY (WIEGAND 55.396; HORST 1:49.756; UDO 2:44.733; GERICKE)	3:40.482

FINALS

USA (ZORN Z. 53.4; RERYCH S. 1:46.2; SPITZ M. 2:38.9; WALSH K.)	3:31.7
USSR (BELITZ-GEIMAN 54.7; MAZANOV 1:48.7; KULIKOV 2:41.6; ILICHEV)	3:34.2
AUSTRALIA (ROGERS G. 55.2; CUSACK R. 1:49.3; WINDLE R. 2:43.0; WENDEN M.)	3:34.7
BRITAIN (TURNER M. 55.5; JARVIS, D. 1:49.9; HEMMROW, D. 2:45.1; MCGREGOR, R.)	3:38.4
E.GERMANY (WIEGAND 54.3; GREGOR H. 1:48.6; POSER U. 2:44.0; GERICKE L.)	3:38.8
GERMANY (SCHORNING P. 54.5; KREMER W. 1:49.7; VON SCHILLING O. 2:44.4; FASSNACHT H.)	3:39.0
CANADA (FINCH G. 55.3; SMITH G. 1:50.6; HUTT-ON R. 2:44.8; GILCHRIST S.)	3:39.2
JAPAN (IWASAKI K. 55.3; OHSAWA M. 1:50.7; NAKANO S. 2:46.6; KITANI T.)	3:41.5

100 M BREASTSTROKE

HEAT 1	
GUNTHER, MICHAEL	4 GERMANY 1:10.3
GILLIARD, NICOLAS	6 SWEDEN 1:12.8
TSURUMINE, OSAMU	5 JAPAN 1:10.5
PANKIN, NICKOLAY	1 USSR 1:08.9NO
MORENO, EDUARDO	7 MEXICO 1:13.7
PERKOWSKI, DAVID	3 USA 1:09.5
KATZUR, KLAUS	2 E.GER. 1:09.4

HEAT 2	
KOSINSKY, VLADIMIR	2 USSR 1:10.0
JOHNSON, LEIKNIR	5 ICELAND 1:16.3
SALL, LIAM PATRICK	4 IRELAND 1:12.1
MERTEN, KENNETH	3 USA 1:10.6
MUNOZ, ABEL	6 EL SALV 1:19.4
TAGUCHI, NOBUTAKA	1 JAPAN 1:09.8

HEAT 3	
ARETZ, THOMAS	4 GERMANY 1:11.1
SZABO, SANDOR	5 HUNGARY 1:11.3
HENNINGER, EGON	1 E.GER. 1:09.6
GONIMA PAURMIER, IVAN	7 COLOMBIA 1:15.1
KLUKOWSKI JOZEF,	3 POLAND 1:11.0
KOSZTA, LADISLAV	2 RUMANIA 1:10.1
ROBERTS, STUART	6 G.BRIT. 1:12.7

HEAT 4	
FIOLLO, JOSE SYLVIO	1 BRA 1:09.5
KURBANOVIC, SLAVKO	4 YUGO. 1:11.6
CARRANZA, ARTURO	7 EL SALV 1:28.0
JALMAANI, AMHAN	3 PHILIP. 1:10.6
BETZ, GREGOR	2 GERM. 1:10.3
GOFF, LEROY	6 PHIL. 1:13.7
ROBERTS, ROGER	5 BRIT. 1:11.7

HEAT 5	
MAHONY, WILLIAM	3 CANADA 1:09.7
BORETTO MAZZARA, OS.	4 ARGENT. 1:10.3
MUNOZ, FELIPE	5 MEXICO 1:10.6

MCKENZIE, DONALD	1 USA 1:08.1NO
KENDE, JOHAN	6 ISRAEL 1:12.3
MIKHAILOV, EUGENY	2 USSR 1:09.3

HEAT 6	
O'BRIEN, IAN	1 A'LIA 1:08.9
JIMENEZ, JAVIER	5 MEXICO 1:16.3
FORELLI LOPEZ, ALBERTO	2 ARGENT. 1:09.3
JOHNSON, THOMAS	3 SWEDEN 1:10.0
RAMOS, EDUARDO M.	6 EL SALV 1:31.2
DURAN, JOSE	4 SPAIN 1:12.3

SEMI-FINALS 1

JALMAANI, AMHAN	6 PHIL. 1:10.4
GUNTHER, MICHAEL	3 GERM. 1:09.7
HENNINGER, EGON	1 E.GERM. 1:08.9
O'BRIEN, IAN	2 A'LIA 1:09.0
KATZUR, KLAUS	4 E.GERM. 1:09.9
JOHNSON, PER THOMAS	7 SWEDEN 1:10.9
TSURUMINE, OSAMU	5 JAPAN 1:10.3
SZABO, SANDOR	8 HUNG 1:11.1

SEMI-FINALS 2

MUNOZ, FELIPE	4 MEXICO 1:09.4
KOSZTA, LADISLAV	5 RUMANIA 1:09.8
PERKOWSKI, DAVID	3 USA 1:09.0
PANKIN, NICKOLAY	1 USSR 1:08.1NO
FORELLI LOPEZ, ALB.	2 ARG. 1:08.9
BORETTO, MAZZARA	7 ARG. 1:11.8
ARETZ, THOMAS	6 GERM. 1:11.2

SEMI-FINALS 3

MERTEN, KENNETH	8 USA 1:11.6
KOSINSKY, VLADIMIR	1 USSR 1:07.9NO
FIOLLO, JOSE SYLVIO	3 BRA 1:08.6
MCKENZIE, DONALD	2 USA 1:08.1
MIKHAILOV, EUGENY	4 USSR 1:08.8
MAHONY, WILLIAM	5 CANADA 1:09.7
BETZ, GREGOR	6 GERMANY 1:09.8
KLUKOWSKI, JOZEF	7 POLAND 1:10.9

FINALS

MCKENZIE, DONALD	USA 1:08.1	1:07.7NO
KOSINSKY, VLADIMIR	USSR 1:07.9	1:08.0
PANKIN, NICKOLAY	USSR 1:08.1	1:08.0
FIOLLO, JOSE SYLVIO	BRA 1:08.6	1:08.1
MIKHAILOV, EUGENY	USSR 1:08.8	1:08.4
O'BRIEN, IAN	A'LIA 1:09.0	1:08.6
FORELLI LOPEZ, ALB.	ARG. 1:08.9	1:08.7
HENNINGER, EGON	E.GER. 1:08.9	1:09.7

100 M FREESTYLE

HEAT 1	
ODEA, DONNACHA NIALLAN	6 IRELAND 59.5
ERIKSSON, ERIC LESTER	2 SWEDEN 55.2
ALVARADO, JOSE A.	8 EL SAL 1:02.0
GRUENER, BERNARD	3 FRANCE 56.2
LEE, TONG-SHING	7 TAIWAN 1:01.0
ROUSSEAU, MICHEL	1 FRANCE 54.9
MADSEN, ORJAN ODD	5 NORWAY 56.3
CAPERONIS, PANO	4 SWEDEN 56.2

HEAT 2	
LOW, ANDREW	6 HONG KONG 1:00.7
ROGERS, GREGORY	3 A'LIA 55.4
MCGREGOR, ROBERT	2 BRITAIN 55.1
NICOLAO YANUZZI, LUIS	1 ARG. 54.6
SANTIBANEZ, MARIO	5 MEXICO 57.0
AGUILAR BRENES, LUIS	7 C.RICA 1:04.5
DINIZ ARANHA, JOSE	4 BRA 56.8

HEAT 3

GONZALEZ, FERNANDO	7 ECUADOR 58.6
CAL Y MAYOR, RAFAEL	4 MEXICO 56.5
GOODNER, GARY	3 PUERTO R. 55.7
IWASAKI, KUNIHRO	2 JAPAN 55.5
MAN-CHIU, WONG	6 H.KONG 58.0
SCHMID, PETER	5 AUSTRIA 57.1
ILICHEV, LEONID	1 USSR 54.9

HEAT 4

KUCSERA, GABOR	3 HUNGARY 55.1
SICARD RINCON, F.	6 COLOMBIA 59.0
VERBAUWEN, HERMAN	5 BEL. 57.5
MASBOUNGI, YACOB	7 LEBANON 1:00.5
KREMER, WOLFGANG	2 GERMANY 55.0
CSATLOS, CSABA	4 HUNGARY 56.6
ZORN, ZACHARY	1 USA 54.3

HEAT 5

EDGHILL, ANGUS	6 BARBADOS 58.1
VILANOVA, SALVADOR B	8 EL SALV 58.6
SPITZ, MARK	1 USA 54.6
VAN DER NAATH, CARLOS	5 ARGENTINA 56.4
ABDULGAFUR, ROOSEVELT A	3 PHILIP. 55.8
SIMONS, FRANCOIS	3 BEL. 55.5
GOODNER, MICHAEL	7 P.RICO 58.2
CHICOY, JOSE A.	2 SPAIN 54.9

HEAT 6

LOW, ROBERT	6 H.KONG 1:01.1
D'OPIPIDO, MICHELE	3 ITALY 57.3
GILCHRIST, JOHN	2 CANADA 55.4
GUSEV, SERJEI	1 USSR 54.8
FIALLO SALAZARTE, G.	4 CUBA 58.2
FERRERA, GEOFFREY	5 TRINIDAD 58.9

HEAT 7

KULIKOV, GEORGY	1 USSR 54.3
RUIZ DE CHAVEZ, SALV.	5 SALVADOR 56.4

NASH, PAUL	6 JAMAICA 59.0
BOSCAINI, PIETRO	2 ITALY 55.7
MARTINEZ NARANJO, JOSE F	7 CUBA 1:00.4
AYESA, LUIS	4 PHILIP. 56.2
VON SCHILLING	3 GERM. 55.8

HEAT 8	
FERRIOLI, JOSE	5 P.RICO 56.1
FINCH, GLEN	4 CANADA 56.0
WENDEN, MICHAEL	1 A'LIA 53.6
WINDLE, ROBERT	2 A'LIA 54.8
GONZALEZ JOHNSON, R.	6 COLOMBIA 57.0
TURNER, MIKE	3 BRITAIN 55.8

HEAT 9

DURON, ERNESTO	8 EL SALV 1:03.8
ILICHEV, LEONID	1 JSA 55.7
GISLASON, GUMUNDUR	7 ICELAND 58.6
JARVIS, ANTHONY	3 BRITAIN 56.5
LESTAS, GERARD	5 FRANCE 57.2
OSAWA, MASAYUKI	2 JAPAN 56.5
KRAUZ, ANNON	6 ISRAEL 57.2
SCHORNING, PETER	4 GER. 56.9

SEMI-FINALS 1

GOODNER, GARY	7 P.RICO 55.8
ROGERS, GREGORY	4 A'LIA 54.9
ILICHEV, LEONID	2 USA 53.8
KULIKOV, GEORGY	3 USSR 54.1
GUSEV, SERJEI	5 USSR 55.2
MCGREGOR, ROBERT	1 BRITAIN 53.8
IWASAKI, KUNIHRO	6 JAPAN 55.8
VON SCHILLING, OLAF	8 GERMANY 55.9

SEMI-FINALS 2

WALSH, KENNETH	3 USA 53.9
ERIKSSON, ERIC L.	5 SWEDEN 54.9
CHICOY, JOSE A.	6 SPAIN 54.9
ZORN, ZACHARY	1 USA 53.4NO
NICOLAO YANUZZI, LUIS	2 ARGENT. 53.8
KREMER, WOLFGANG	4 GERMANY 54.3
SIMONS, FRANCOIS	7 BEL. 55.3
ABDULGAFUR, ROOSEVELT B	8 PHIL. 55.9

SEMI-FINALS 3

BOSCAINI, PIETRO	8 ITALY 55.6
KUCSERA, GABOR	6 HUNGARY 55.0
WINDLE, ROBERT	4 A'LIA 54.6
WENDEN, MICHAEL	1 A'LIA 52.9NO
SPITZ, MARK	2 USA 53.8
POUSSEAU, MICHEL	3 FRANCE 54.5
GILCHRIST, JOHN	5 CANADA 54.8
TURNER, MIKE	7 BRITAIN 55.6

FINALS

WENDEN, MICHAEL	A'LIA 52.9	52.2NO
WALSH, KENNETH	USA 53.9	52.8
SPITZ, MARK	USA 53.8	53.0
MCGREGOR, ROBERT	BRIT. 53.8	53.5
ILICHEV, LEONID	USSR 53.8	53.8
KULIKOV, GEORGY	USSR 54.1	53.8
NICOLAO YANUZZI, LUIS	ARG. 53.8	53.9
ZORN, ZACHARY	USA 53.4	53.9

200 M INDIVIDUAL MEDLEY

FEAT 1	
PACELT, ZBIGNIEW	4 POLAND 2:23.3
GUERRERO, RUBEN E.	8 EL SALV 2:37.5
DUNAYE, ANDRE	6 USSR 2:25.9
JENSEN, LARS KRAUS	3 DENMARK 2:21.2
HICKCOX, CHARLES	1 USA 2:16.1NO
RAMIS, FRANCISCO	7 P.RICO 2:31.9
LAZAR, PETER	2 HUNG. 2:17.1
GISLASON, GUMUNDUR	5 ICELAND 2:24.1

HEAT 2

MAN-CHIU, WONG	4 H.KONG 2:36.1
O'DEA, DONNACHA N.	5 IRELAND 2:36.6
HOLTHAUS, MICHAEL	2 GERM. 2:17.5
SMITH, GEORGE	1 CANADA 2:16.4
WIEGAND, FRANK	3 E.GER. 2:18.0

HEAT 3

MERKEL, REINHARD	2 GERM. 2:17.8
RUSSE, JULIAN	4 BULGARIA 2:22.7
LUJUNBERG, HANS BERTIL	3 SWEDEN 2:17.8
FERRIS, JOHN	1 USA 2:14.6NO
TERRILL, RAYMOND	5 BRITAIN 2:23.5
FERM, SVEN OLAF	6 SWEDEN 2:27.5

HEAT 4

BYRON, KARL	5 A'LIA 2:28.0
SANTIBANEZ, JOSE	4 MEX. 2:24.6
CHAN, KING-MING	6 TAIWAN 2:44.9
TCHAKAROV, ANGUEL	3 BUL. 2:24.0
SZENTIRMAI, ISTVAN	2 HUNG 2:21.0
KRIVCHENKO, VLADIMIR	1 USSR 2:18.6

HEAT 5

SIMONS, FRANCOIS	4 BEL. 2:22.5
BELLO, JUAN CARLOS	2 PERU 2:17.5
GILCHRIST, JOHN A.	1 CANADA 2:16.8
HERNANDEZ, RAFA EL	5 MEX 2:24.7
VILANOVA, SALVADOR	6 EL SALV. 2:33.8
FORTUNY, JUAN	3 SPAIN 2:20.6
LOW, ROBERT	7 H.KONG 2:39.3

HEAT 6

JOKISCH ARGUELLO, FR.	7 EL SAL. 2:41.6
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ALANIS, EDUARDO	4 MEX 2:23.0
SCHMID, PETER	6 AUSTRIA 2:36.4
BUCKINGHAM, GREGORY	1 USA 2:15.6
CAMPBELL, KEN	3 CANADA 2:20.9
D'OPIPIDO, MICHELE	2 ITALY 2:18.5
SHEFA, GERSHON	5 ISRAEL 2:26.6

HEAT 7	
WOODROFFE, MARTYN	2 BRITAIN 2:22.0
SCHILLER, JURGEN	1 GERM. 2:20.8
KRAMCZYK, JACEK	3 POLAND 2:23.8



HEAT 4			
KULIKOV, GEORGY	6	USSR	2:08.3
DRENTH, ELTJE	5	HOLL	2:05.6
SCHANS, JOHANNES	3	HOLL	2:04.1
EDGILL, ANGUS	8	BARBADOS	2:19.1
LARSSON, KARL GUNAR	4	SWEDEN	2:04.8
MAN-CHIU, WONG	7	H.KONG	2:15.0
SCHOLLANDER, DONALD	1	USA	2:00.0
NICOLAO, LUIS	2	ARG.	2:01.8

HEAT 5			
CAPERONIS, PANO	3	SWEDEN	2:04.9
GONZALEZ, J. RICARDO	5	COL.	2:05.8
BELITS-GEIMAN, SEM. 2	4	USSR	2:01.2
JARVIS, ANTHONY, 6	6	BRIT.	2:09.3
LOH, ROBERT	7	H.KONG	2:16.2
MADSEN, ORJAN ODD	4	NORWAY	2:05.4
RERYCH, STEPHEN	1	USA	2:00.6

HEAT 6			
KRAMMEL, WERNER	6	GERM	2:07.9
GONZALEZ, FERNANDO	5	ECUADOR	2:07.3
ABDULGAFUR, ROOS. 4	4	PHIL.	2:04.8
SMITH, GEORGE	3	CAN	2:03.2
ILICHEV, LEONID	2	USSR	2:01.3
ALVARADO, JOSE	8	EL SAL	2:20.2
MOSSONI, ALAIN	1	FRANCE	2:00.1
BENAVIDES, RAMIRO	7	GUA.	2:11.7

HEAT 7			
KUCSERA, GABOR	6	HUNG.	2:12.8
ARANGO P., JULIO	2	COL	2:03.1
PACELT, ZBIGNIEW	3	POLAND	2:06.3
GONZALEZ, JORGE	4	P.RICO	2:09.1
BELLO, JUAN CARLOS	1	PERU	2:01.3
CSATLOS, CSABA	5	HUNG	2:10.0

HEAT 8			
VON SCHILLING, OLAF	2	GERM.	2:01.7
ASAMLI, TONY	3	PHIL	2:06.2
LO, ANDREW	5	H.KONG	2:15.8
ERIKSSON, KARL ING. 4	4	SWEDEN	2:10.0
HUTTON, RALPH	1	CAN.	2:00.0

HEAT 9			
ROUSSEAU, MICHEL	1	FRANCE	2:01.5
ODUT, ADRIAN F. 3	3	HOLL	2:06.6
DURON, ERNESTO	5	EL SAL	2:24.1
IWASAKI, KUNIHIRO	2	JAPAN	2:02.1
AYESA, LUIS	4	PHIL.	2:12.2

FINALS			
WENDEN, MICHAEL	A'LIA	56.4	1:55.270
SCHOLLANDER, DON	USA	57.1	1:55.8
NELSON, JOHN	USA	57.4	1:58.1
HUTTON, RALPH	CAN	57.5	1:58.6
MOSSONI, ALAIN	FRA	58.2	1:59.1
WINDLE, ROBERT	A'LIA	58.8	2:00.9
BELITS-GEIMAN, S.	USSR	58.9	2:01.5

200 M BACKSTROKE			
HEAT 1			
LJUNGBERG, HANS B.	6	SWEDEN	2:22.3
DEL CAMPO, FRANCO	2	ITALY	2:16.3
SANTIBANEZ, JOSE	4	MEX	2:20.7
SHAW, JIM	5	CANADA	2:20.0
ASAMLI, TONY	7	PHIL.	2:30.0
IVEY, MITCHEL	1	USA	2:11.3
CRUZ, ANTONIO	8	GUATA.	2:36.3
CHINO, FRANCO	3	ITALY	2:19.5

HEAT 2			
BLECHERT, REINHARD	2	GERM	2:16.5
HORSLEY, JACK	1	USA	2:13.7
MONZO, JAIME	3	SPAIN	2:20.1

HEAT 3			
BARENBOIM, LEONARDO	7	ARG.	2:25.2
RAMIS, FRANCISCO	8	P.RICO	2:30.4
ESTEVA, SANTIAGO	2	SPAIN	2:15.8
VIDAL LOPEZ, ELISEO	6	CUBA	2:21.3
MATTHES, ROLAND	1	E.GER	2:13.6
ROTHER, JOACHIM	3	E.GER	2:16.1
PEDERSEN, EJVIND	8.54	DENMARK	2:16.6
BYROM, KARL	5	A'LIA	2:20.7

HEAT 4			
JENSEN, LARS KRAUS	4	DENMARK	2:22.5
CHAN, KING-MING	6	TAIWAN	2:46.9
EVARD, GERALD	5	SWEDEN	2:24.7
SCHOUTSEN, BOB	2	HOLL.	2:18.2
RIEYER, JAIME	3	MEX	2:20.7
DOBROSKOKIN, LEONID	1	USSR	2:16.1

HEAT 5			
ACOSTA, LUIS ANGEL	4	MEX	2:24.0
BORLOI, MATYAS	2	HUNG	2:17.9
VAN BEEK, MARINUS	3	HOLL	2:21.2
MAN-CHIU, WONG	5	H.KONG	2:38.6
HALL, GARY	1	USA	2:16.2

FINALS			
MATTHEW, ROLAND	E.GER	1:03.8	2:09.6
IVEY, MITCHELL	USA	1:03.2	2:10.6
HORSLEY, JACK	USA	1:03.2	2:10.9
HALL, GARY	USA	1:04.8	2:12.6
ESTEVA, SANTIAGO	SPAIN	1:05.4	2:12.9
DOBROSKOKIN, LEON	USSR	1:04.7	2:15.4
ROTHER, JOACHIM	E.GER	1:06.1	2:15.8
DEL CAMPO, FRANCO	ITALY	1:05.4	2:16.5

1500 M FREESTYLE			
HEAT 1			
ARANGO P., JULIO	4	COL.	17:53.9
HUTTON, RALPH	2	CANADA	17:35.9
FASSNACHT, HANS	3	GER	17:40.2
BURTON, MICHAEL	1	USA	17:27.2
BURE, VLADIMIR	5	USSR	18:14.7

HEAT 2			
MANN, KARL-RUDIGER	3	E.GER	17:37.6
ALANIS, JUAN	2	MEX	17:37.4
NELSON, JOHN	1	USA	17:36.0
CORELL, ANTONIO	4	SPAIN	18:12.7

HEAT 3			
BROUGH, GREGORY	1	A'LIA	17:17.1
HENRRAD, JACQUES	6	BEL	18:38.2
URRETA, JORGE	4	MEX	17:57.5
WAKKATAJITS, WLAD.	5	POLAND	18:32.4
LOJSSON, KARL G.	3	SWEDEN	17:57.0
KINSELLA, JOHN	2	USA	17:22.7

HEAT 4			
GUERRERO, RUBEN	6	EL SAL	19:36.4
WHITE, GRAHAM	1	A'LIA	17:10.1
ITO, KATSUJI,	3	JAPAN	17:50.2
RAVELINGHIER, JEAN	4	FRANCE	18:11.9
GONZALEZ, JORGE	5	P.RICO	19:06.0
ECHAVARRIA, GUILLER.	2	MEX.	17:11.0

FINALS			
BURTON, MICHAEL	USA	1:01.9	2:06.6
		3:12.5	4:19.0
		5:25.6	6:32.8
		7:40.0	8:47.2
		9:55.1	11:02.8
		12:10.4	13:17.8
		14:25.3	15:33.3
		16:38.9	18:00.0

KINSELLA, JOHN			
USA	1:03.4	2:10.1	
	3:17.5	4:25.9	5:33.7
	6:42.2	7:49.2	8:56.9
	10:04.9	11:13.1	12:21.3
	13:29.8	14:38.9	15:48.3

BROUGH, GREGORY			
A'LIA	1:02.6	2:08.6	
	3:15.4	4:23.0	5:31.7
	6:41.3	7:50.7	9:00.0
	10:09.9	11:19.5	12:29.1
	13:39.8	14:49.7	15:59.8

WHITE, GRAHAM			
A'LIA	1:02.3	2:08.9	
	3:16.4	4:24.5	5:33.6
	6:42.7	7:52.6	9:01.8
	10:11.2	11:21.4	12:32.0
	13:42.5	14:53.0	16:02.5
	17:08.0		

HUTTON, RALPH			
CANADA	1:05.1	2:13.3	
	3:21.6	4:31.7	5:39.7
	6:48.9	7:58.9	9:09.5
	10:19.5	11:29.5	12:38.8
	13:48.4	14:57.8	16:07.4
	17:15.6		

ECHAVARRIA, GUILL.			
MEX.	1:00.4	2:06.8	
	3:14.1	4:21.4	5:31.5
	6:41.3	7:53.8	9:06.5
	10:18.9	11:32.3	12:45.8
	13:59.2	15:12.2	16:25.6
	17:36.4		

ALANIS, JUAN			
MEXICO	1:05.4	2:14.3	
	3:24.2	4:35.2	5:46.8
	6:58.2	8:09.5	9:21.3
	10:33.4	11:45.6	12:58.3
	14:11.2	15:24.3	16:37.1
	17:46.6		

NELSON, JOHN			
USA	1:02.7	2:10.0	
	3:19.6	4:30.8	5:42.7
	6:55.2	8:08.2	9:21.5
	10:35.0	11:49.4	13:04.1
	14:19.6	15:35.0	16:50.2
	18:05.1		

### 4x100 M MEDLEY RELAY

HEAT 1			
JAPAN (TANAKA 1:03.2; TAGUCHI 2:11.8; MARUYA 3:09.9; IWASAKI 4:04.3)			
HUNGARY (CSEH 1:02.6; SZABO 2:13.0; SZENTIRMAY 3:14.5; KUCSERA 4:08.8)			
CANADA (SHAW 1:01.6; MAHONY 2:11.4; ARUSOO 3:11.7; GILCHRIST 4:06.0)			
USSR (MAZANOV 1:03.0; PANKIN 2:11.3; SUZDALYSEV 3:10.7; GUSEV 4:04.3)			
BRAZIL (FILARDI 1:06.7; FIOLE 2:13.7; COSTA LIMA NETO 3:15.2; DINIZ ARANHA 4:11.1)			
ARGENTINA (BARENBOIM 1:03.8; FORELLI 2:14.1; NICOLAO 3:12.4; VAN DER MAATH 4:08.4)			

HEAT 2			
PHILIPPINES (ASAMLI 1:08.1; JALMAANI 2:17.8; GOFF 3:19.5; ABDULGAFUR 4:15.7)			
PUERTO RICO (RAMIS 1:07.7; FERRIOLLI 2:26.4; GOODNER 3:28.3; GONZALEZ 4:27.6)			
SWEDEN (TEGEBACH 1:06.7; JOHNSON 2:18.6; WESTERGERG 3:18.1; ERIKSSON 4:12.2)			
USA (MILLS 1:01.9; JASTREMSKI 2:11.2; ROBIE 3:10.3; SCHOLLANDER 4:03.4)			
GERMANY (BLECHERT 1:03.5; BETZ 2:12.0; STOCKLASA 3:10.9; KREMER 4:04.7)			
E.GERMANY (MATTHES 1:02.1; HENNINGER 2:10.8; HORST 3:10.0; WIEGAND 4:04.1)			
SWITZERLAND (EVARD 1:05.9; GILLIARD 2:22.5; CAPERONIS A. 3:25.3; CAPERONIS P. 4:20.6)			

HEAT 3			
MEXICO (SANTIBANEZ 1:04.0; MUNOZ 2:12.8; SANTIBANEZ M. 3:14.1; CAL Y MAYOR 4:10.0)			
AUSTRALIA (BYRON 1:02.9; O'BRIEN 2:12.3; CUSACK 3:12.3; WENDEN 4:04.8)			

SPAIN (ESTEVA 1:02.1; DURAN 2:13.3; LANG LENTON 3:12.7; CHICOY 4:06.8)			
BRITAIN (JACKSON 1:03.5; ROBERTS 2:14.6; WOODROFFE 3:14.1; MCGREGOR 4:07.7)			
ITALY (DEL CAMPO 1:03.3; SACCHI 2:14.4; ATANASIO 3:15.2; BOSCAINI 4:10.3)			

FINALS			
USA (HICKCOX 1:00.4; MCKENZIE D. 2:07.8; RUSSELL D. 3:02.8; WALSH K. 4:05.9)			
E.GERMANY (MATTHES R. 58.0 NW; HENNINGER E. 2:05.8; GREGOR H. 3:04.4; WIEGAND F. 3:57.5)			
USSR (CROMAK Y. 1:02.9; KOSINSKY V. 2:10.0; MEMSHILOV V. 3:08.0; ILICHEV L. 4:00.7)			

AUSTRALIA (BYRON K. 1:01.5; O'BRIEN 1. 2:10.0; CUSACK R. 3.09.4; WENDEN M.) 4:01.8			
GERMANY (BLECHERT R. 1:02.6; BETZ G. 2:12.2; STOCKLASA L. 3:11.7; KREMER W.) 4:05.4			
CANADA (SHAW J. 1:01.3; MAHONY W. 2:11.1; ARUSOO T. 3:11.6; GILCHRIST J.) 4:07.3			
SPAIN (ESTEVA S. 1:02.4; DURAN J. 2:14.4; LANG LENTON A. 3:14.5; CHICOY A.) 4:08.8			

### SPRINGBOARD DIVING

PRELIMINARIES			
JAMES HENRY	USA	105.47	
KLAUS DIBIASI	ITALY	104.68	
BERNARD WRIGHTSON	USA	102.95	
KEITH RUSSELL	USA	100.61	
TORD ANDERSON	SWEDEN	99.58	
LUIS NINO DE RIVERA	MEXICO	99.13	
DONALD WAGSTAFF	AUSTRALIA	97.84	
PENNTI KOSKINEN	FINLAND	95.99	
FRANCO CAGNOTTO	ITALY	95.02	
VLADIMIR VASIN	USSR	95.73	
ULRICH REFF	GERMANY	94.45	
Mikhail SAGONOV	USSR	92.77	
JOSE DE J. ROBINSON	MEXICO	91.45	
JORGE TELCH	MEXICO	90.68	
JAKUB PUCHOW	POLAND	88.65	
NORBERT HUDA	GERMANY	88.43	
ITALO SALICE	ITALY	87.86	
JUNJI YUASA	JAPAN	85.80	
FRANK CARTER	BRITAIN	85.90	
BORIS POLULIACH	USSR	84.32	
JERZY			

TAKEMOTO, YUKARI 4 JAPAN 1:20.7  
 EGERVARY, MARTA 5 HUNGARY 1:22.6  
 NORBIS, ANA MARIA 1 URG. 1:17.4ND

**SEMI-FINALS 1**

FILIPPOVITS, CHRIS. 6 AUSTRIA 1:18.9  
 GREBENNIKOVA, ALLA 5 USSR 1:18.6  
 PROZUMENSHIKOVA, GAL. 3 USSR 1:17.5  
 BJEDOV, DJUROJICA 2 YUGO. 1:17.1  
 WICHMAN, SHARON 1 USA 1:16.8ND  
 BARNES, JOANNE 4 A'LIA 1:18.4  
 HARRISON, DOROTHY 7 BRITAIN 1:19.6  
 SLATTERY, JILL 8 BRITAIN 1:19.8

**SEMI-FINALS 2**

HARRIS, DIANA 8 BRITAIN 1:19.3  
 PLAYFAIR, JUDY 7 A'LIA 1:19.3  
 FROMMATER, UTA 3 GERM. 1:16.9  
 NORBIS, ANA MARIA 1 URG. 1:16.7ND  
 NAKAGAWA, KIYOZO 4 JAPAN 1:17.7  
 BALL, CATIE 2 USA 1:16.8  
 JONES, SUSIE 6 USA 1:18.6  
 BABANINA, SVETLANA 5 USSR 1:18.3

**FINALS**

BJEDOV, DJUROJICA 1 YUGO 1:15.8ND  
 PROZUMENSHIKOVA, GAL. 2 USSR 1:15.9  
 WICHMAN, SHARON 3 USA 1:16.1  
 FROMMATER, UTA 4 GERM 1:16.2  
 BALL, CATIE 5 USA 1:16.7  
 NAKAGAWA, KIYOZO 6 JAPAN 1:17.0  
 BABANINA, SVETLANA 7 USSR 1:17.2  
 NORBIS, ANA MARIA 8 URG. 1:17.3

**100 M FREESTYLE**

**HEAT 1**

STEINBECK, JANET 3 A'LIA 1:03.8  
 BERBLUND, GUDRUN 2 SWEDEN 1:03.6  
 MANDONNAUD, CLAUDE 1 FRANCE 1:03.2  
 OLANO, PATRICIA 6 COL 1:05.3  
 HANNER, SIMONE 4 FRANCE 1:03.8  
 ELLIOTT, HELEN 5 PHIL 1:05.1

**HEAT 2**

KOBAYASHI, MIWAKO 3 JAPAN 1:04.2  
 JACKSON, ALEXANDRA 1 BRITAIN 1:00.5  
 SHEN, BAO-NI 5 TAIWAN 1:06.7  
 NIKOLOVA, MARIA 4 BUL 1:05.1  
 APT, RUTH EVELYN 6 URG 1:07.0  
 USTINOVA, NATALIA 2 USSR 1:03.8

**HEAT 3**

BOS, PETRONELLA 1 HOLLAND 1:03.0  
 KELLOCK, FIONA 5 BRIT 1:05.8  
 SEGRY, MIRJANA 2 YUGO 1:03.3  
 ASTURIAS, SILVANA 7 GUATA. 1:10.3  
 KOVACS, EDIT 3 HUNG 1:03.7  
 TREFFS, GILLIAN 6 BRIT 1:06.3  
 GROJEAN, CATHERINE 4 FRANCE 1:04.9

**HEAT 4**

SCHMUCK, UTA 3 E.GER 1:03.1  
 DE VIVANCO, MARIA 5 PERU 1:04.7  
 ANDERSSON, LOTTEN 4 SWEDEN 1:04.5  
 BLAKE, LORNA 8 P.RICO 1:13.2  
 TUROCY, JUDIT 1 HUNG 1:02.1  
 GARCIA, HEDY 7 PHIL 1:06.1  
 KAWANISHI, SHIGEKO 2 JAPAN 1:02.6  
 RENNER, INGEBORG 6 GERM 1:05.9

**HEAT 5**

STRUMOLO, MARIA 3 ITALY 1:04.1  
 GRUNERT, MARTINA 2 E.GER 1:03.2  
 ORTIZ, VIVIAN 6 MEX 1:06.9  
 KOCK, VERA MINNA 5 SWEDEN 1:05.1  
 GUSTAVSON, LINDA 1 USA 1:00.8  
 MARCIAL, ANA ROSA 8 P.RICO 1:10.1  
 FIGUEROA, EMILIA 7 URG. 1:07.2  
 BOXBERGER, HELMI 4 GERM 1:05.1

**HEAT 6**

PATON, MAGDOLNA 4 HUNG 1:03.8  
 PEDERSEN, SUSAN 1 USA 1:01.5  
 HASBUN, ROSA 8 EL SAL 1:10.0  
 CASTILLO, LYLIAN 7 URG 1:08.3  
 KRAUSE, ROSWITHA 2 E.GER 1:03.3  
 WATSON, LYNETTE 3 A'LIA 1:03.5  
 BOBAN, ANA 5 YUGO 1:05.4  
 BEUMER, CATHARINA 6 HOLL 1:06.1

**HEAT 7**

FERRACUTI, CARMEN 5 EL SAL 1:08.5  
 KOZICOVA, OLGA 3 CZECHO 1:03.3  
 GREBETS, LIDIA 2 USSR 1:03.3  
 LAY, MARION 1 CANADA 1:00.6  
 DUS, ZOYA 4 CANA 1:04.2  
 NGUYEN, MINH TAM 6 VIETNAM 1:09.5

**HEAT 8**

DEI, LIANA 3 TAIWAN 1:03.0  
 ARRIAGA, MARCIA 5 MEX 1:05.4  
 BELL, LYNETTE 2 A'LIA 1:01.9  
 GUDMUNDSDOTTIR, H. 7 ICELAND 1:06.3  
 VAN HEHERT, MIRJAM 6 HOLLAND 1:06.1  
 MOIR, KRISTINA 8 P.RICO 1:07.9  
 HENNE, JAN 1 USA 1:00.1  
 REINECK, HEIDI 4 GERM 1:04.2

STEINBECK, JANET 5 A'LIA 1:02.6  
 SEGRY, MIRJANA 2 YUGO 1:01.9  
 DEI, LIANA 6 TAIWAN 1:02.8  
 LAY, MARION 1 CAN 1:00.7  
 BELL, LYNETTE 4 A'LIA 1:02.4  
 GRUNERT, MARTINA 3 E.GER 1:02.2  
 WATSON, LYNETTE 7 A'LIA 1:02.9  
 PATON, MAGDOLNA 8 HUNG 1:03.8

**SEMI-FINALS 2**

KOVACS, EDIT 7 HUNG 1:03.5  
 GREBETS, LINDA 6 USSR 1:03.3  
 KAWANISHI, SHIGEKO 5 JAPAN 1:03.0  
 JACKSON, ALEXANDRA 2 BRITAIN 1:00.6  
 PEDERSEN, SUSAN 1 USA 1:00.2  
 SCHMUCK, UTA 4 E.GER 1:02.8  
 KRUSE, ROSWITHA 3 E.GER 1:02.4  
 USTINOVA, NATALIA 8 USSR 1:05.0

**SEMI-FINALS 3**

BERGLUND, GUDRUN 7 SWEDEN 1:03.5  
 MANDONNAUD, CLAUDE 6 1:02.8  
 TUROCY, JUDIT 3 HUNG 1:00.5  
 HENNE, JAN 1 USA 1:00.5  
 GUSTAVSON, LINDA 2 USA 1:00.6  
 BOS, PETRONELLA 5 HOLL 1:02.8  
 KOZICOVA, OLGA 4 CZECHO 1:02.6  
 HANNER, SIMONE 8 FRANCE 1:04.8

**FINALS**

HENNE, JAN USA 1:00.5 1:00.0  
 PEDERSEN, SUSAN USA 1:00.2 1:00.3  
 GUSTAVSON, LINDA USA 1:00.6 1:00.3  
 LAY, MARION CAN 1:00.7 1:00.5  
 GRUNERT, MARTINA E.GER 1:02.2 1:01.0  
 JACKSON, ALEX. BRIT 1:00.6 1:01.0  
 SEGRY, MIRJANA YUGO 1:01.9 1:01.5  
 TUROCY, JUDIT HUNG 1:01.8 1:01.6

**200 M INDIVIDUAL MEDLEY**

**HEAT 1**

TOBIS, YVONNE 4 ISRAEL 2:41.0  
 EDDY, SUSAN 3 A'LIA 2:36.6  
 HENNE, JAN 2 USA 2:33.9  
 VICENS, LIANA 6 P.RICO 2:57.0  
 STEINBACH, SABINE 1 E.GER 2:33.2ND  
 SYRO POSADA, NELLY 5 COL. 2:55.7

**HEAT 2**

MATZDOFF, HELI 4 GERM 2:42.1  
 OSPITALETTE, FELIC. 5 URG. 2:47.8  
 FERRACUTI R. DONATEL 6 EL SAL 2:48.6  
 RICKARD, DIANA 2 A'LIA 2:39.0  
 SHIPSTON, TUI K. 1 NZEAL 2:35.5  
 CHANGANAQUI, CONSUEL 3 PERU 2:40.0

**HEAT 3**

GARCIA, HEDY 3 PHIL 2:42.3  
 CHAPMAN, PRUDENCE 2 NZEAL 2:42.1  
 APT, RUTH EVELYN 6 URG 2:45.9  
 NISHIGAWA, YOSHIMI 1 JAPAN 2:31.5ND  
 INGUADOTTIR, ELLEN 4 ICELAND 2:43.1  
 GUDMUNDSDOTTIR, HAF. 5 ICELAND 2:44.3

**HEAT 4**

RAMIREZ, LIDIA 6 MEX 2:42.6  
 RATCLIFFE, SHELLAGH 3 BRIT 2:34.9  
 SIGG, EVA 5 FINLAND 2:41.0  
 ZAKHAROVA, LARISA 2 USSR 2:34.6  
 KOLB, CLAUDIA 1 USA 2:28.8ND  
 CAMPBELL, KIRSTEN 4 DENM. 2:39.4  
 MORENO, MARIA 7 EL SAL 2:51.1

**HEAT 5**

PEDERSEN, SUSAN 2 USA 2:33.2  
 DORLEANS, DANIELE 3 FRANCE 2:39.5  
 DE ANGLUO IRRAGORRI, 7 COL. 2:48.7  
 MOIR, KRISTINA 5 P.RICO 2:42.8  
 GALLE, CARLA 4 BEL 2:40.9  
 SEYDEL, MARIANNE 1 E.GER 2:32.8  
 FERRACUTI, R., CARMEN 6 EL SAL 2:44.7

**HEAT 6**

BOXBERGER, HELMI 6 GERM 2:45.2  
 NIKOLOVA, MARIA 4 BUL 2:40.8  
 SHEN, BAO-NI 7 TAIWAN 2:48.1  
 TUROCY, JUDIT 2 HUN 2:38.8  
 PENTERMAN, HENDRIKA 1 HOLL 2:36.7  
 VON CARSTEN, PILAR 5 SPAIN 2:41.7  
 EGERVARY, MARTA 3 HUNG 2:40.7

**FINALS**

KOLB, CLAUDIA USA 2:28.8 2:24.7ND  
 PEDERSEN, SUSAN USA 2:33.2 2:28.8  
 HENNE, JAN USA 2:33.9 2:31.4  
 STEINBACH, SABINE E.GER 2:33.2 2:31.4  
 NISHIGAWA, YOSHIMI JAPAN 2:31.5 2:33.7  
 SEYDEL, MARIANNE E.GER 2:32.8 2:33.7  
 ZAKHAROVA, LARISA USSR 2:34.6 2:37.0

**400 M FREESTYLE**

**HEAT 1**

WETZKO, GABRIELE 2 E.GER 4:49.8  
 VACA, LAURA 3 MEX 4:53.3  
 RAMIREZ, MA. TERESA 1 MEX 4:43.9  
 SHEN, BAO-NI 5 TAIWAN 5:41.8  
 ELLIOTT, HELEN 4 PHIL 4:59.9

MEYER, DEBBIE 1 USA 4:35.0  
 AMEZCUA, NORMA 2 MEX 5:00.5  
 MOLLIER, DOMINIQUE 3 FRANCE 5:00.5  
 CLAYTON, SHEILA 4 BRITAIN 5:08.0

**HEAT 3**

BLAKE, LORNA 6 P.RICO 5:54.7  
 CASTILLO, LYLIAN 5 URG 5:30.2  
 DE ANGLUO, OLGA 3 COL 5:08.6  
 KRUSE, PAM 1 USA 4:45.2  
 DAVIDSON, SALLY 4 BRITAIN 5:11.2  
 HARA, MARJATTA 2 FINLAND 4:53.0

**HEAT 4**

GUSTAVSON, LINDA 1 USA 4:41.4  
 FIGUEROA, MONICA 5 URG 5:21.0  
 WILLIAMS, SUSAN 4 BRIT 5:02.7  
 KERSAUDY, MARIE 2 FRANCE 4:57.3  
 MOIR, KRISTINA 3 P.RICO 4:57.7

**HEAT 5**

MORRIS, INGRID 2 SWEDEN 4:51.6  
 CHANGANAQUI, CONS. 4 PERU 5:02.9  
 ASTURIA, SILVANA 5 GUATA 5:25.6  
 MOYAS, KAREN 1 A'LIA 4:39.6  
 CALLIGARIS, NOVELLA 3 ITALY 4:59.4

**HEAT 6**

LANGFORD, DENISE 2 A'LIA 4:52.2  
 COUGHLAN, ANGELA 1 CAN 4:47.4  
 SIGG, EVA 3 FIN 4:59.5  
 OLANO, PAT. 5 COL 5:01.8  
 DEAKES, CHRISTINE 4 A'LIA 5:01.5

**FINALS**

MEYER, DEBBIE USA 1:04.1 2:13.6  
 3:23.5 4:31.8ND  
 GUSTAVSON, LINDA USA 1:06.3 2:16.3  
 3:26.4 4:35.5  
 NORAS, KAREN A'LIA 1:06.9 2:17.3  
 3:27.8 4:37.0  
 KRUSE, PAM USA 1:06.6 2:16.7  
 3:27.7 4:37.2  
 WETZKO, GABRIELE E.GER 1:08.2 2:18.6  
 3:29.5 4:40.2  
 RAMIREZ, MA. TER. MEX 1:07.1 2:17.5  
 3:29.5 4:42.2  
 COUGHLAN, ANGELA CAN 1:08.1 2:20.3  
 3:35.4 4:51.9  
 MORRIS, INGRID E. SWED 1:11.0 2:25.6  
 3:40.2 4:53.8

**100 M BUTTERFLY**

**HEAT 1**

KOK, AAGJE 2 HOL 1:08.5  
 NAM, SANG NAM 6 KOREA 1:16.9  
 FUJII, YASUKO 4 JAPAN 1:10.1  
 WARREN, JEANNE 3 CAN 1:10.0  
 HUSTEDE, HEIKE 1 GERM 1:07.7  
 OBREGON, PATRICIA 5 MEX 1:12.4

**HEAT 2**

DANIEL, ELLIE 1 USA 1:07.2  
 SMITH, VIVIANNE 6 IRELAND 1:13.1  
 BOS, PETR. JOHANNA 4 HOLL 1:09.5  
 DEVIYATOVA, TATYANA 2 USSR 1:07.6  
 DEI, LIANA 5 TAIWAN 1:11.2  
 STRUBING, CHRISTINE 3 E.GER 1:09.2  
 GROJEAN, CATHERINE 7 FRANCE 1:14.6

**HEAT 3**

GYARMATI, ANDREA 2 HUNG 1:07.4  
 MCCLEMENTS, LYNETTE 1 A'LIA 1:06.1  
 TOBIS, YVONNE 3 ISRAEL 1:12.0

**HEAT 4**

AUTON, MARGARET 3 BRIT 1:08.5  
 MARCIAL, ANA ROSA 6 P.RICO 1:17.1  
 GOMEZ CAMACHO, CAR. 4 COL 1:14.7  
 HEWITT, TONI 2 USA 1:08.1  
 LINDNER, HELGA 1 E.GER 1:08.0  
 APT, RUTH EVELYN 5 URG 1:15.3

**HEAT 5**

TREERS, GILLIAN 3 BRIT 1:10.6  
 WHITTLESTON, SANDRA 2 NZEAL 1:08.5  
 GORSON, MARILYN 4 CAN 1:10.7  
 GRAY, PAULINE 5 A'LIA 1:13.5  
 SHIELDS, SUSIE 1 USA 1:06.2  
 CONOLLI GUTIERREZ, A. 6 ARG 1:16.5

**SEMI-FINALS 1**

WARREN, JEANNE 7 CAN 1:09.7  
 KOK, AAGJE 1 HOLL 1:06.2  
 HUSTEDE, HEIKE 4 GERM 1:07.0  
 SHIELDS, SUSIE 2 USA 1:06.3  
 GYARMATI, ANDREA 3 HUNG 1:06.6  
 HEWITT, TONI 5 USA 1:07.9  
 STRUBING, CHRISTINE 6 E.GER 1:08.2  
 TREERS, GILLIAN 8 BRIT 1:10.6

**SEMI-FINALS 2**

BOS, PETRONELLA 5 HOLL 1:08.5  
 WHITTLESTON, SANDRA 6 NZEAL 1:08.7  
 DEVIYATOVA, TATYANA 4 USSR 1:08.4  
 MCCLEMENTS, LYNETTE 2 A'LIA 1:06.1  
 DANIEL, ELLIE 1 USA 1:06.1  
 LINDNER, HELGA 3 E.GER 1:07.7

AUTON, MARGARET 7 BRIT 1:08.8  
 FUJII, YASUKO 8 JAPAN 1:09.4

**FINALS**

MCCLEMENTS, LYNETTE A'LIA 1:06.1 1:05.5  
 DANIEL, ELLIE USA 1:06.1 1:05.8  
 SHIELDS, SUSIE USA 1:06.3 1:06.2  
 KOK, AAGJE HOLL 1:06.2 1:06.2  
 GYARMATI, ANDREA HUNG 1:06.6 1:06.8  
 HUSTEDE, HEIKE GERM 1:07.0 1:06.9  
 HEWITT, TONI USA 1:07.9 1:07.5  
 LINDNER, HELGA E.GER 1:07.7 1:07.6

**200 M FREESTYLE**

**HEAT 1**

KOZICOVA, OLGA 2 CZECHO 2:16.1  
 MEYER, DEBBIE 1 USA 2:13.1  
 WILLIAMS, SUSAN 3 BRIT 2:20.4  
 CAMPBELL, KIRSTEN 6 DEN. 2:25.0  
 DORLEANS, DANIELE 5 FRANCE 2:21.7  
 REINECK, HEIDI 4 GERM 2:21.4

**HEAT 2**

MANDONNAUD, CLAUDE 2 FRANCE 2:15.8  
 SHEN, BAO-NI 7 TAIWAN 2:34.0  
 ELLIOTT, HELEN 4 PHIL 2:25.4  
 BELL, LYNETTE 1 A'LIA 2:15.7  
 CALLIGARIS, NOVELLA 5 ITALY 2:26.3  
 BLAKE, LORNA 8 P.RICO 2:43.8  
 STINBECK, JANET 3 A'LIA 2:18.8  
 ARRIAGA, MARCIA 6 MEX 2:27.0

**HEAT 3**

LAY, MARION 2 CANADA 2:16.7  
 FERRACUTI, R. DONATEL 6 EL SAL 2:28.2  
 HENNE, JAN 1 USA 2:13.8  
 MOIR, KRISTINA 5 P.RICO 2:23.1  
 RAMIREZ, MARIA TERESA 3 MEX 2:17.5  
 JACKSON, ALEXANDRA 4 BRIT 2:19.2  
 GUDMUNDSDOTTIR, H. 7 ICELAND 2:28.5

**HEAT 4**

BAUER, ALOISIA 4 GERM 2:24.5  
 COUGHLAN, ANGELA 2 CAN 2:20.9  
 FIGUEROA, EMILIA 5 URG 2:27.4  
 WETZKO, GABRIELE 1 E.GER 2:14.7  
 STRUMOLO, MA. ANTON. 3 ITALY 2:23.3

**HEAT 5**

BERGLUND, GUDRUN EL. 3 SWEDEN 2:19.7  
 OLANO, PATRICIA 5 COL 2:25.1  
 SOSKIVA, TAMARA 4 USSR 2:23.5  
 BARKMAN, JANE 1 USA 2:13.6  
 KERSAUDY, MARIE J. 2 FRANCE 2:18.0  
 ASTURIAS MOREL, SILV. 6 GUATE. 2:30.7  
 CASTILLO, LYLIAN ST. 7 URG 2:34.1

**HEAT 6**

CHANGANAQUI, CONS. 4 PERU 2:20.7  
 McDONALD, JULIE 3 A'LIA 2:19.9  
 DEI, LIANA 2 TAIWAN 2:16.3  
 SEGRY, MIRJANA 1 YUGO 2:15.7  
 DAVIDSON, SALLY 6 BRIT 2:25.1  
 DE VIVANCO, MA. ROSARIOS 5 PERU 2:22.2

**FINALS**

MEYER, DEBBIE USA 1:04.0 2:10.5ND  
 HENNE, JAN USA 1:04.7 2:11.0  
 BARKMAN, JANE USA 1:04.5 2:11.2  
 WETZKO, GABRIELE E.GER 1:06.1 2:12.3  
 SEGRY, MIRJANA YUGO 1:05.1 2:13.3  
 MANDONNAUD, CLAUDE FRANCE 1:05.0 2:14.9  
 BELL, LYNETTE A'LIA 1:04.6 2:15.1  
 KOZICOVA, OLGA CZECHO 1:05.7 2:16.0

**200 M BREASTSTROKE**

**HEAT 1**

OREJUELA, TAMARA 5 ECUA 3:08.5  
 PLAYFAIR, JUDY 2 A'LIA 2:52.9  
 FILIPPOVITZ, CHRIST. 1 AUSTRIA 2:51.3  
 HARRISON, DOROTHY 3 BRIT 2:55.1  
 GARCIA, HEDY 4 PHIL. 3:08.1

**HEAT 2**

WICHMAN, SHARON 1 USA 2:46.8  
 CASAS, VICTORIA 5 MEX 3:01.0  
 EBERLE, VERENA 4 GERM 2:52.5  
 OWENIC, TAMARA 3 MEX 2:52.4  
 HARRIS, DIANA 6 BRIT 3:03.4  
 SLATTERY, JILL, 2 BRIT 2:51.2

**HEAT 3**

BABANINA, SVETLANA 1 USSR 2:49.8  
 BRAGE, YVONNE VIOLA 4 SWEDEN 2:56.3  
 JAMISON, CATHY 2 USA 2:50.1  
 BJEDOV, DJUROJICE 3 YUGO 2:50.2  
 DE LA PORTILLA, ANA 6 MEX 3:03.5  
 NIR, SHLOMIT 5 ISR 2:58.5

**HEAT 4**

BARNES, JOANNE 4 A'LIA 2:57.4  
 MCKENZIE, SUSAN 3 A'LIA 2:53.1  
 SHIBATA, CHIENO 2 JAPAN 2:50.6  
 TAKEMOTO, YUKARI 5 JAPAN 2:57.9  
 INGUADOTTIR, ELLEN 6 ICELAND 2:58.2  
 PROZUMENSHIKOVA, GAL 1 USSR 2:47.8  
 MORENO, MARIA 7 EL SAL 3:15.4

HEAT 5			
VICENS, LIANA	7	P.RICO	3:16.2
NORBIS, ANA MARIA	1	URAG.	2:49.4
NISHIGAWA, YOSHIMI	3	JAPAN	2:55.3
GREBEN IKOVA, ALLA	2	USSR	2:49.8
WILHES, ARLETTE	6	LUXEM.	3:06.7
SHIMOLT, ELENA	5	HOLL	2:58.9
O'CONNOR, ANN	4	IRELAND	2:56.4

FINALS			
WICHMAN, SHARON	USA	1:18.6	2:44.4NO
BJEDOV, DUDROJICA	YUGO	1:19.3	2:46.4
PROZUMENSKOVA G.	USSR	1:18.4	2:47.0
GREBENIKOVA, ALLA	USSR	1:20.4	2:47.1
BABANIKA, SVETLANA	USSR	1:21.1	2:48.4
JAMISON, CATHY	USA	1:20.5	2:48.4
SHIBATA, CHIENO	JAPAN	1:23.4	2:51.5
NORBIS, ANA MARIA	URAG.	1:21.6	2:51.9

### 100 M BACKSTROKE

HEAT 1			
BROWN JACQUELINE	5	BRIT	1:13.0
GOSHU, YUKIKO	1	JAP	1:10.2
WEETLING, ALB.	4	HOLL	1:12.5
STIRLING, GLENDA	2	N.ZEAL	1:10.2
CARON, CHRISTINE	3	FRANCE	1:10.5
RAMIREZ, LIDIA	6	MEX	1:14.5

### HEAT 2

HAFNER, YVETTE	4	AUSTRIA	1:11.8
GYARMATI, ANDREA	3	HUNG	1:11.3
MEISTER, DORIS	6	GERM	1:14.1
GASPARAC, ZENKA	1	YUGO	1:09.9
COMOLLI, ADRIANA	5	ARG.	1:13.8
SWAGERTY, JANE	2	USA	1:10.2
HASBUN, ROSA	7	EL SAL	1:20.5

### HEAT 3

KRAUS, ANGELIKA	5	GERM.	1:12.6
PATRIKKA, ULLA	4	FIN.	1:11.6
WATSON, LYNETTE	2	A'LIA	1:09.4
OSPITALETCH, FEL.	6	URAG.	1:17.7
COROMINAS, MARIA	3	SPAIN	1:10.7
NGUYEN, MY LIEN	7	V.NAM	1:19.2
TANNER, ELAINE	1	CAN	1:07.6NO

### HEAT 4

RICKARD, DIANA	4	A'LIA	1:12.4
SAVELEVA, TATYANA	2	USSR	1:11.7
WALTON, ANNE	5	CANADA	1:13.0
MOORE, KENDIS	1	USA	1:10.5
SHEN, BAO-NI	7	TAIWAN	1:21.5
PROCOPIO, MARIA	6	ARG	1:15.9
ANDREU, ANCA	3	RUM.	1:11.8

### HEAT 5

SENTOUS, PATRICIA	4	1:13.5	
LEKVEISHVILI, TINA	2	USSR	1:11.3
DUPREZ, BENEDECITE	3	FRANCE	1:11.6
CANET, SYLVIE	1	FRANCE	1:10.4
FERRACUTI, CARMEN	6	EL SAL	1:17.8
CHAPMAN, PRUDENCE	5	N.ZEAL	1:15.2

### HEAT 6

DAUVEN, FRANCINE	6	BELG.	1:15.3
BUTER, JACOBUE	2	HOLL	1:10.0
BURRELL, WENDY	5	BRIT	1:12.0
LANTOS BALLA, MARIA	3	HUNG	1:11.9
HALL, KAYE	1	USA	1:09.8
SIKKENS, JACOBA	4	HOLL.	1:11.9
BARANYI, JUDIT	7	HUNG.	1:16.0

### SEMI-FINALS 1

LEKVEISHVILI, TINA	8	USSR	1:11.0
MOORE, KENDIS	2	USA	1:09.6
GOSHU, YUKIKO	4	JAPAN	1:10.2
WATSON, LYNETTE	1	A'LIA	1:09.0
GASPARAC, ZENKA	6	YUGO	1:10.8
STIRLING, GLENDA	3	N.ZEAL	1:10.1
COROMINAS, MA PAZ	7	SPAIN	1:11.0
DUPREZ, BENEDECITE	5	FRANCE	1:10.6

### SEMI-FINALS 2

GYARMATI, ANDREA	5	HUNG	1:09.9
CANET, SYLVIE	4	FRANCE	1:09.0
BUTER, JACOBUE	6	HOLL	1:10.7
TANNER, ELAINE	1	CAN	1:07.4NO
HALL, KAYE	2	USA	1:08.2
SWAGERTY, JANE	3	USA	1:08.6
CARON, CHRISTINE	7	FRANCE	1:10.8
PATRIKKA, ULLA	8	FINLAND	1:12.1

### FINALS

HALL, KAYE	USA	1:08.2	1:06.2NO
TANNER, ELAINE	CAN	1:07.4	1:06.7
SWAGERTY, JANE	USA	1:08.6	1:08.1
MOORE, KENDIS	USA	1:09.6	1:08.3
GYARMATI, ANDREA	HUNG	1:09.9	1:09.1
WATSON, LYNETTE	A'LIA	1:09.0	1:09.1
CANET, SYLVIE	FRA	1:09.0	1:09.3
STIRLING, GLENDA	N.ZEAL	1:10.1	1:10.6

### 800 M FREESTYLE

HEAT 1			
ELLIOTT, HELEN	5	PHIL	10:32.9
MEYER, DEBBIE	1	USA	9:42.8
MOIR, KRISTINA	4	P.RICO	10:24.5
GORAL, SIGRID	3	E.GERM	10:09.3
COUGHLAN, ANGELA	2	CAN	10:00.2

HEAT 2			
AMEZCUA, NORMA	5	MEX	10:31.6
VACA, LAURA	3	MEX	10:01.8
FIGUEROA, EMILIA	6	URAG	10:57.7
LANGFORD, DENISE	2	A'LIA	9:59.3
MORAS, KAREN	1	A'LIA	9:38.3
SHIPSTON, TUI	4	N.ZEAL	10:28.0

### HEAT 3

RANTZSCH, SABINE	4	E.GER	10:18.4
WILLIAMS, SUSAN	3	BRIT	10:17.6
MORRIS, INGRID	2	SWED	10:07.5
KRUSE, PAM	1	USA	9:49.8
CASTILLO, LYLIAN	5	URAG	11:19.1

### HEAT 4

DEAKES, CHRISTINE	1	A'LIA	10:06.7
KERSAUDY, MARIE	2	FRANCE	10:19.8
ASTURIAS MOREL, SIL.	5	GUATA	11:12.5
OLANO OLANO, PAT.	4	COL.	10:44.1
GALLIGARIS, NOVELLA	3	ITALY	10:21.0

### HEAT 5

CARETTO, PATTY	1	USA	9:46.4
DE ANGLUO IRAGORRI	5	COL	10:40.5
RAMIREZ, MA.TERESA	2	MEX	9:46.4
MOLLIER, DOMINIQUE	3	FRA	10:21.4
HARA, MARJATTA	4	FIN	10:23.3

### FINALS

MEYER, DEBBIE	USA	1:05.8	2:15.9
		3:27.0	4:38.6
		5:50.1	7:02.3
		8:14.6	9:24.0
KRUSE, PAM	USA	1:08.5	2:20.1
		3:32.6	4:45.1
		7:10.3	8:23.9
		1:07.4	2:19.3
		3:32.2	4:45.8
		8:27.2	9:38.5
MORAS, KAREN	A'LIA	1:07.0	2:18.5
		3:31.5	4:44.9
		7:13.0	8:27.1
CARETTO, PATTY	USA	1:07.7	2:20.0
		3:33.4	4:48.0
		7:19.5	8:35.9
		1:08.0	2:20.6
COUGHLAN, ANGELA	CAN	3:34.9	4:51.1
		7:24.2	8:40.8
LANGFORD, DENISE	A'LIA	1:09.1	2:22.5
		3:37.0	4:52.5
		7:24.8	8:41.0
VACA, LAURA	Mex	1:10.1	2:25.2
		3:41.2	4:57.4
		7:30.4	8:47.2

### 200 M BUTTERFLY

HEAT 1			
GIEBEL, DIANE	1	USA	2:33.0
WHITTELESTON, SANDRA	4	N.ZEAL	2:39.7
GOMEZ CAMACHO, CARMEN	5	COL	2:44.7
FUJII, YASUKO	2	JAPAN	2:33.4
AUTON, MARG.	3	BRIT	2:33.6

### HEAT 2

McClements, Lynette	4	A'LIA	2:40.7
RAMIREZ, LIDIA	6	MEX	2:42.1
WARREN, JEANNE	3	CAN	2:40.7
DANIEL, ELLIE	1	USA	2:29.4NO
SMITH, VIVIANNE	2	IRELAND	2:39.7
ANDERSSON, LOTTEN	5	SWEDEN	2:42.1

### HEAT 3

HEWITT, TONI	1	USA	2:29.1
NAM, SANG NAM	4	KOREA	2:58.6
HUSTEDE, HEIKE	2	GERM	2:32.1
STRUBING, CHRISTINE	3	E.GER	2:39.0

### HEAT 4

KOK, AAGJE	1	HOLL	2:26.3
MOIR, KRISTINA	6	P.RICO	2:51.1
CORSON, MARILYN	4	CAN	2:41.8
GRAY, PAULINE	5	A'LIA	2:43.6
LIDNER, HELGA	2	E.GER	2:29.4
DEVYATOVA, TATYANA	3	USSR	2:34.7

### FINALS

KOK, AAGJE	HOLL	1:10.2	2:24.7
LIDNER, HELGA	E.GER	1:09.8	2:24.8
DANIEL, ELLIE	USA	1:10.8	2:25.9
HEWITT, TONI	USA	1:11.2	2:26.2
HUSTEDE, HEIKE	GER	1:08.9	2:27.9
GIEBEL, DIANE	USA	1:11.1	2:31.7
AUTON, MARGARET	BRIT	1:11.0	2:33.2
FUJII, YASUKO	JAP	1:14.2	2:34.3

### 200 M BACKSTROKE

HEAT 1			
HALL, KAYE	1	USA	2:31.1
WARREN, JEANNE	3	CAN	2:37.9
SIKKENS, JACOBA	2	HOLL	2:36.9
BROWN, JACQUELINE	5	BRIT	2:40.0
LEKVEISHVILI, TINA	6	USSR	2:40.5
WALTON, ANNE	4	CAN	2:39.4
DAUVEN, FRANCINE	7	BELG	2:43.5

### HEAT 2

COROMINAS, MARIA	1	SPAIN	2:34.5
SAVELEVA, TATYANA	2	USSR	2:35.5
PATRIKKA, ULLA	3	FIN	2:38.1
CARON, CHRISTINE	4	FRANCE	2:40.5

HEAT 3			
WATSON, LYNETTE	1	A'LIA	2:33.5
WEETLING, ALBERTHA	3	HOLL	2:35.4
PROCOPIO DARRE, M.T.	5	ARG	2:49.2
ANDREU, ANCA	4	RUM	2:38.8
ATWOOD, SUSIE	2	USA	2:35.2

### HEAT 4

KOHARDT, DORIS	3	E.GER	2:34.7
BURRELL, WENDY	2	BRIT	2:33.2
FERRACUTI P., CARM.	6	EL SAL	2:52.6
TANNER, ELAINE	1	CAN	2:30.9
KRAUS, ANGELIKA	4	GERM	2:36.7
STIRLING, GLENDA	5	N.ZEAL	2:40.3

### HEAT 5

WATSON, POKEY	1	USA	2:29.2
SENTOUS, PATRICIA	6	ARG	2:41.5
HASBUN, ROSA T.	8	EL SAL	2:56.2
DUPREZ, BENEDECITE	3	FRANCE	2:34.5
CANET, SYLVIE	4	FRANCE	2:36.1
HAFNER, YVETTE	5	AUSTRIA	2:37.7
GASPARAC, ZENKA	2	YUGO	2:33.7
OSPITALETCH, FEL.	7	URAG.	2:51.4

### FINALS

WATSON, POKEY	USA	1:10.4	2:24.8NO
TANNER, ELAINE	CAN	1:09.1	2:27.4
HALL, KAYE	USA	1:12.1	2:28.9
WATSON, LYNETTE	A'LIA	1:12.5	2:29.5
BURRELL, WENDY	BRIT	1:12.9	2:32.3
GASPARAC, ZENKA	YUGO	1:11.8	2:33.5
COROMINAS, MA.PAZ	SPAIN	1:14.6	2:33.9
DUPREZ, BENEDECITE	FRANCE	1:15.4	2:36.6

### 400 M INDIVIDUAL MEDLEY

HEAT 1			
ZAKHAROVA, LARISSA	2	USSR	5:38.6
PENTERMAN, HENDRIKA	3	HOLL	5:38.8
DE ANGILOTTI, OLGA	5	COL	6:00.6
PEDERSEN, SUSAN	1	USA	5:26.4
GALLE, CARLA	4	BEL	5:55.2

### HEAT 2

SIG, EYA	2	FIN	5:37.3
SHEN, BAO-NI	6	TAIWAN	6:21.5
STEINBACH, SABINE	1	E.GER	



**STOPPING POINT** — The Yugoslavian goalie prepares to block this shot by a Russian player in the final Olympic match. The massive Yugoslavian team (Average: 6'4", 205 lbs.) was too strong for their opponents.

**OLYMPIC STORY** (Continue from Page 51)

The battle for the bronze medal at 1300 was still open between Brough, White and Hutton, but it was going to take a terrific effort from the Canadian to beat either of the Aussies for third.

At 1400 Burton was running away with the race with 25 meters on Kinsella and stroking as strong as ever, while Brough had a body length on White who had two lengths on Hutton.

Burton won by 27 meters over Kinsella with 16:38.9 as John clocked 16:57.3, and Brough holding off White 17:04.7 to 17:08.0. Hutton was fifth, 17:15.6, Echevarria was a disappointing sixth place in 17:36.4 (17:11.0 in prelims). Seventh went to Juan Alanis, Mexico, 17:46.6 (17:37.4 in prelims) and dead last was Nelson, 18:05.1.

Burton said he expected about a 16:30, but was not really pressed. "I could see John coming in as I was leaving the wall and I was just hoping he didn't have enough left to catch up to me. I think that altitude slowed me down because after 10 laps I was feeling it really bad. I was concerned with John and Guillermo and the two Australians. Next summer I'll try and go under 16 minutes."

Kinsella, 16, said, "I didn't feel it until 18 to 20 laps because I went out a lot slower than Mike, but after that it felt pretty bad. I wanted to go out about 4-5 seconds slower than Mike at the 400 and then try and pick up on him after 800 but at 1000 I was just trying to beat everybody else."

Brough, 17, stated, "Graham's had a bad shoulder and I don't know why he went as hard as he did in the heats (17:10.1). My plan was to try to stay with Burton if I could and if I couldn't just pick up my speed as I went along. When I finished I thought I was finished for good, I started feeling it after three laps."

The women's 400 meter freestyle relay had the United States off to an early lead as Janie Barkman fought of Gabriele Wetzko, East Germany, 1:01.2 to 1:01.5. Linda Gustavson was second for the U.S. and swam 1:00.5 to stretch the lead over East Germany with Japan third. Sue Pedersen went third and treaked to a body length and a half lead, splitting 1:01.3 to give Jan Henne a comfortable lead (3:07.0, over East Germany (3:05.3), Canada (3:07.7) and Australia (3:07.8). Miss Henne anchored in 59.5 to give the U.S. relay a gold medal in 4:02.5 an Olympic record, East Germany with Gabriele Perthes anchoring (1:00.4) was second, 4:05.7 and Canada with Marion Lay (59.5) anchoring was third 4:07.2. Australia was fourth in 4:08.7 with Lyn Bell anchoring in 1:00.9, Hungary fifth, 4:11.0. Japan sixth, 4:16.6 and Great Britain seventh, 4:18.0. France, 4:14.3 was disqualified.

Miss Pedersen said, "There is no way to describe the feeling of winning a medal at the Olympic Games. We were confident at the start. We thought we'd have some competition from the East German girls. I was swimming scared, but I figured if we were behind Jan could pull it out."

Miss Henne stated, "When I had the lead coming off the wall I was confident because I took the first 50 out easy and I thought I could come back harder if I had to."

Miss Lay, Canada, said, "It was a good job, but I wish I could do it in a flat freestyle race."

In the men's 400 meter medley relay the battle for the gold medal was between East Germany and the United States who had qualified fastest.

The finals saw the East German's leadoff man, Roland Matthes swim a super 100 meter backstroke leg breaking his own world record by four tenths with a time of 58.0. Charles Hickcox, USA's leadoff was second in 1:00.4; Canada's Jim Shaw was third in 1:01.3 and Karl Byrom, Australia, was fourth in 1:01.5. On the breaststroke leg U.S.A.'s Olympic champion Don McKenzie picked up four tenths on the East German, Egon Henninger, 1:07.4 to

1:07.8 but the U.S.A. was still two seconds behind, 2:05.8 to 2:07.8. Japan was third, 2:09.9 with Nobutaka Taguchi going 1:07.1, Australia was a hair ahead of Russia, both clocking 2:10.0 with Ian O'Brien going 1:08.5 and Vladimir Kosinsky posting 1:07.1.

On the butterfly leg Doug Russell, USA, was behind for 70 meters but literally flew up the pool and passed the East German, Horst Gregor. Russell went into a two stroke lead (3:02.8 to 3:04.4) with a 55.0 split to the German's 58.6 (Russell's split is faster than the world record.) Satoshi Maruya, Japan, clocked 57.8 to hold Japan in third (3:07.7). Vladimir Nemshilov, USSR, posted 58.0 to move his team to fourth (3:08.0), and Australia (3:09.4) was fifth on Robert Cusack's 59.4.

On the final leg Ken Walsh assured the USA of a gold medal with a 52.1 for a 3:54.9 world record, Frank Wiegand went 53.1 to keep East Germany second, 3:57.5, and the Soviet Leonid Ilyichev notched 52.7 to hold off Australia's Mike Wenden, 51.4, by a tenth, 4:00.7 to 4:00.8. Kuvihiro Iwasaki, Japan, hit 54.1 and his team was fifth, 4:01.8. West Germany was sixth, 4:05.4, Canada seventh, 4:07.3, and Spain eighth, 4:08.8.

Russell said, "We knew the butterflyers wouldn't be as fast as we were in the event, but Matthes swam a tremendous backstroke and I didn't think we'd be that far behind. I knew I'd have to swim a good one or we would be out of it."

Walsh said, "This is it for me. I may swim a little through December if there is a trip, but probably won't go past the first of the year."

Matthes stated, "I wanted to swim between 58 and 59. I didn't think it would be this fast. I plan to attend the Physical Culture University of Sports."

Hickcox, the U.S. team captain, said, "I wasn't as fast as I would have liked to have been. I wanted to stay as close as possible, so it wouldn't be so hard on Doug Russell, but I just didn't have the speed."

Gregor, 21, said that he and Wiegand were retiring but than Henninger and Matthes would continue.

Ilyichev said, "We wanted second place and thought we could get it, so we were not suprised to beat Australia."

The medal count was staggering for the U.S. The women won 11 out of 14 gold medals and the U.S. men took 10 out of 15 first places. In all the United States won 52 out of 77 total medals. In diving the U.S. won six out of 12 medals, including Bernie Wrightson's and Sue Gossick's 3-meter victories.

Coach Sherman Chavoov gave his opinion of the U.S. gi-Is and their team performance, "In general, I think most of the American girls were not in as good shape as they were in Los Angeles for the trials, because of the long training camp. This is a general observation."

He also spoke about his protege Debbie Meyer, who was the first swimmer ever to win three individual gold medals, "I would like to see Debbie at least swim through high school because she hasn't even started to hit her peak yet. I think she'll go a 2:03, 4:17, and 17 flat if she stays with it. She can go a 17:00 within a year. She's got speed, endurance, and guts, and that's the most important. I don't think size has anything to do with it."

**TEACHER AND PUPIL** — Debbie Meyer, winner of three individual gold medals, stands with Sherman Chavoov, coach of the U.S. women's swimming team. Chavoov also coaches Debbie at the Arden Hills Swim Club in Sacramento, California. (LEFT)

**A LITTLE ADVICE** — Lynn Vidali receives some coaching from U.S. team coach George Haines, Lynn's coach at the Santa Clara Swim Club. Lynn, second to Claudia Kolb in the Olympic Games 400 m. Individual medley is tabbed by both Haines and Claudia to assume her crown. (RIGHT)



## MEUSEL, SCHMIDT, GREIM STAR IN NEW JERSEY JO

Livingston, N.J.— So fierce was the competition at the New Jersey Long Course Junior Olympics that no individual swimmer could get the upper hand and take, but among the many participants winning two events were boys 15-17 age groupers Robert Meusel, Princeton YMCA, Steve Schmidt, Westfield YMCA, and Jeff Greim, North Jersey Swim Association.

Meusel took the 50 m. freestyle, 26.2, over Gordon Clark, WY, 26.7, and 100 m. free, 58.2. Schmidt was victorious in the 200 m. free, 2:12.4 and 200 m. IM, 2:28.3, and Greim won the 100 m. backstroke, 1:05.6 and 100 m. butterfly, 1:05.7. Jim Ashenfelter, Montclair Y, won an easy victory in the 400 m. free, 4:52.0, as did Ron Siekmann, Ridgewood Y, in the 200 m. breaststroke, 2:56.0.

There were a pair of double winners in the girls 15-17 action, Debbie Killeen, MY, won the 50 m. free, 29.5, over Gay Geyer, MY, 29.9, and 100 m. free, 1:05.2 in a close race over Lisa Menza, Watchung Lake Swim Club, 1:05.4. Lolly Keller, MY, had an easy time winning the 200 m. free, 2:26.1, and 400 m. free, 5:07.6. Closer was the 100 m. fly, where Pam Soden, MY, dropped Corinne Schmidli, Passaic-Clifton Y, 1:18.0 to 1:18.5. Jane Shallcross, WLSC, took the 100 m. back, 1:19.6, over Donna Wadle, NJSA, 1:20.2. The 200 m. breast went to Pam Sporing WLSC, 3:05.2, and the 200 m. IM to Kathy Henry, MY, 2:52.8.

Two more double winners swam in the boys 13-14 division, Mark Garella, RY, and Andy Lehner, Summit Y. Garella took the 100 m. free, 1:03.1, and the 200 m. IM, 2:37.8. Strong victories were posted by Lehner in the 200 m. free, 2:17.8, and 100 m. butterfly, 1:05.0. The other events were all hard fought races. Dave Wehner, Shore Area Y, nipped Jeff Paututo, WLSC, 1:24.2 to 1:24.4 in the 100 m. breast, and Mike Condrillo, WY, barely edged Wehner, 28.2 to 28.4, in the 50 m. free. Mike Keenan had a relatively easy time winning the 100 m. back, 1:12.5.

The parade of double winners continued in the girls 13-14 class, with Jean Maset, RY, and Peggy Pingatore, SAC, both winning two races. Miss Maset took the 100 m. free, 1:05.5, and 200 m. free,

2:23.8. Miss Pingatore won the 100 m. fly, 1:13.9 and 200 m. IM, 2:43.8. The 50 m. free went to Janice Anderson, PCY, 29.8, the 100 m. back to Pam Arthur, MY, 1:17.5, and the 100 m. breast to Debbie Renz, NJSA, 1:26.5.

Keeping the trend going, another double was scored in the boys 11-12 division. Tom Gerber, Somerset Valley Y, took the 100 m. free, 1:08.8 and 200 m. free, 2:25.6. Mark Baran, PCY, won the 50 m. free in 30.1, over Matt Laskowski, NJSA, 32.0. NJSA grabbed two firsts and a second among the other races, with Frank Fitzgerald winning the 100 m. back, 1:15.9, and Robert Weiss taking the 100 m. breast, 1:26.3 and finishing second with 1:21.5 to Mark Kutz's 1:19.0 in the 100 m. fly. Mitch Kolesaire, RY, won the 200 m. IM, 2:49.4.

Two more double winners popped up in the girls 11-12 class, Lynn Genesko, Scarlet Jets, and Pat Dillon, WLSC. Miss Genesko won the 50 m. free, 30.7, over Grenda Angyal, RY, 30.9, and 100 m. breast, 1:24.2. Miss Dillon took the 100 m. fly, 1:20.0, over Diane Soden, MY, 1:20.3, and the 200 m. IM, 2:51.0. Miss Angyal came back to take the 100 m. back, 1:18.5, and the second place finisher in that race, Tiny Condrillo, SJ, edged Dede Henneman, PY, 1:11.3 to 1:11.6 in the 100 m. free. Connie Mach, SAC, easily took the 200 m. free, 2:28.7.

Tina Test, RY, took two wins in the girls 10 and under age group, winning the 50 m. back, 37.3 and 200 m. IM, 3:02.1. Kathy Miller, SAC, had a tough time in the 50 m. fly, edging Flora del Presto, MY, 38.3 to 38.6. Flora then went on to win the 50 m. free, 34.5. Kelly Galvin, SAC, beat her sister Kate in the 100 m. free, 1:19.6 to 1:22.4. In the 50 m. breast Joann Nitto, WLSC, routed her opposition and won in 42.8.

With a name best suited for a Penn State fullback, Eric Wyszowski, PY, proved a good swimmer. He took the boys 10 and under 50 m. breast, 45.2 and 200 m. IM, 3:11.5. A judges decision gave Ray McDaniel, WY, the win in the 50 m. free, 32.5, as Jeff Wolf PCY, clocked a tenth of a second faster. Jim Anderson was right behind with a 32.6. Anderson came back to win the 50 m. fly, 34.8. Carl Phelps, WLSC, took the 100 m. free, 1:15.4 and Craig Harden, PY, won the 50 m. back, 40.2.

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**GLAZING AT THE FLAG** — Doug Russell, contemplates his victory in the 100 m. butterfly. In the gold medal he had to defeat Mark Spitz, (On Russell's left), the world record holder, who the silver medal, Ross Wales, bronze medal r. at right.



**STROKING TO A LEAD** — Claudia Kolb, 18, USA, opens up in the 200 m. Individual Medley. Claudia won gold medals in both the 200 and 400 IMs with comparative ease and established herself as the finest all-around swimmer in the world. She announced her retirement at the Games.



**APPROACHING THE VICTORY STAND** — Pokey Watson, USA, center, quietly muses over her triumph in the 200 m. backstroke. It was only the fourth meet in which she had swum the race. Flanking her are runners-up Elaine Tanner, Canada, and, right, Kaye Hall, USA, gold medal in the 100 m. back.



**CLEAN SWEEP** — Jan Henne accepts the gold medal for the 100 m. freestyle on the platform as second place finisher Sue Pedersen (left) and bronze medalist Linda Gustavson await their turns in the United States' first medal sweep.



**WORLD BEST** — Roland Matthes finishes the 200 m. backstroke hidden by his last stroke splash. After a strong victory in the 100 he also took the 100 and on the 400 m. medley relay helped East German team off to a tremendous start with a 58.0 world record split.



**CONGRATULATORY SLAP** — Mitch Ivey, back to camera, and Jack Horsley, both USA, exchange congrats after Ivey took silver and Horsley the bronze in 200 m. backstroke. Double gold medalist Roland Matthes, East Germany, looks on.



**GATHERING BEFORE THE FINAL MATCH** — Yugoslavia, Olympic Games water polo champion, bottom, and Russia, runner-up, line up for the final match introductions. Yugoslavia has been a consistently tough water polo team in international competition.

**DOUBLE GOLD MEDAL WINNER** — Michael Wenden, Australia, begins the stroke that will carry him into the finish of the 200 m. freestyle in 1:55.2, six tenths ahead of pre-race favorite Don Schollander, USA. Wenden also won 100 m. freestyle in world record time.



WATER POLO  
XIX OLYMPIAD  
MEXICO CITY, MEXICO  
OCT. 14-26, 1968

SEEDING		GROUP B	
1 HUNGARY	1 YUGOSLAVIA	2 RUSSIA	2 ITALY
3 UNITED STATES	3 GERMANY, EAST	4 HOLLAND	4 HOLLAND
5 CUBA	5 JAPAN	6 BRAZIL	6 MEXICO
7 SPAIN	7 GREECE	8 EGYPT	8 EGYPT

PRELIMINARY ROUND

GROUP A		GROUP B	
UNITED STATES 10	BRAZIL	5	5
UNITED STATES 6	CUBA	TIE	6
UNITED STATES 7	W. GERMANY	5	6
UNITED STATES 10	SPAIN	7	7
UNITED STATES 1	HUNGARY	5	8
UNITED STATES 3	RUSSIA	8	8
RUSSIA 8	BRAZIL	2	4
RUSSIA 11	CUBA	4	2
RUSSIA 6	W. GERMANY	3	0
RUSSIA 5	SPAIN	0	0
RUSSIA 6	BRAZIL	2	1
HUNGARY 8	CUBA	1	2
HUNGARY 7	CUBA	2	1
HUNGARY 6	W. GERMANY	3	0
W. GERMANY 10	BRAZIL	5	2
W. GERMANY 5	SPAIN	3	0
CUBA 7	W. GERMANY	6	3
CUBA 4	SPAIN	3	0
SPAIN 6	BRAZIL	6	2

GROUP B		GROUP A	
YUGOSLAVIA 11	GREECE	1	1
YUGOSLAVIA 17	JAPAN	2	2
YUGOSLAVIA 13	EGYPT	2	1
YUGOSLAVIA 4	E. GERMANY	7	4
YUGOSLAVIA 9	MEXICO	0	0
YUGOSLAVIA 7	HOLLAND	4	2
6	GREECE	2	0
ITALY 9	JAPAN	2	1
ITALY 10	EGYPT	1	0
ITALY 5	E. GERMANY	4	0
ITALY 10	MEXICO	5	2
ITALY 5	YUGOSLAVIA	4	3
ITALY 3	HOLLAND	TIE	3
HOLLAND 9	GREECE	5	1
HOLLAND 8	EGYPT	3	1
HOLLAND 6	MEXICO	4	0
E. GERMANY 11	GREECE	4	0
E. GERMANY 8	JAPAN	2	0
E. GERMANY 19	EGYPT	0	2
E. GERMANY 12	MEXICO	4	0
E. GERMANY 8	HOLLAND	3	4
JAPAN 8	GREECE	7	0
JAPAN 7	EGYPT	4	3
JAPAN 6	MEXICO	3	0
MEXICO 11	GREECE	8	0
GREECE 7	EGYPT	6	0
EGYPT 3	MEXICO	TIE	3

SEMI-FINAL ROUND

YUGOSLAVIA 8	HUNGARY	5	6
RUSSIA 8	ITALY	5	3
UNITED STATES 6	HOLLAND	3	3
EAST GERMANY 8	CUBA	2	2
WEST GERMANY 6	MEXICO	3	3
BRAZIL 5	EGYPT	3	0
SPAIN 5	JAPAN	0	0

FINAL ROUND

YUGOSLAVIA 13	RUSSIA	11	11
HUNGARY 9	ITALY	4	4
UNITED STATES 6	E. GERMANY	4	5
HOLLAND 8	CUBA	5	5
SPAIN 7	W. GERMANY	5	4
MEXICO 5	JAPAN	4	5
BRAZIL 5	GREECE	2	2

FINAL STANDINGS

YUGOSLAVIA; RUSSIA; HUNGARY;  
ITALY; USA; E. GERMANY; HOLLAND;  
CUBA; SPAIN; W. GERMANY; MEXICO;  
JAPAN; BRAZIL; GREECE; EGYPT.

AMERICAN SWIMMING COACHES ASS'N  
1968 GIRLS H.S. ALL AMERICA  
SWIMMING & DIVING TEAM

COMPILED BY: BOB FRIEDMAN,  
SWIMMING COACH, RANDOM SCHOOL

# TIES RECORD  
\*\* NEW RECORD

50 YD FREESTYLE

LIBBY TULLIS, PINE CREST	#25.0
NANCY FISHER, PINE CREST	25.3
MELANIE HAYS, PINE CREST	25.6
KAREN DOYLE, U.S. GRANT	25.6
BECKY CALDWELL, MT. LEB.	25.6

100 YD FREESTYLE

LIBBY TULLIS, PINE CREST	#52.7
NANCY FISHER, PINE CREST	55.0
RAB, THOMAS, PINE CREST	55.5
CATHY COLE, NO. MIAMI	56.2
KATHY ALLEN, NORTH HS	56.8

200 YD FREESTYLE

LIBBY TULLIS, PINE CREST	1:56.1
PAM KRUSE, POMPADOR BCH	1:57.3
WENDY FORDYCE, MIAMI SPH	1:58.3
KATH. HAMMER, H.B. PLANT	2:00.8
BONNIE HILL, CORAL GBL	2:04.0

400 YD FREESTYLE

PAM KRUSE, POMPADOR BCH	#4:05.4
WENDY FORDYCE, MIAMI SPH	4:12.5
SALLIE HARVEY, PINE CREST	4:15.5
LIBBY TULLIS, PINE CREST	4:15.7
BONNIE HILL, CORAL GBL	4:19.8

100 YD BACKSTROKE

LIBBY TULLIS, PINE CREST	*1:01.8
LEAL WHITTLESEY, BEAV' TON	1:03.2
DIANNE BURRY, D. DOUGLAS	1:04.2
TASSY BOLTON, H. CLAY HS	1:04.6
BARBARA THOMAS, PINE CREST	1:04.8

100 YD BREASTSTROKE

ALICE WRIGHT, WESTPORT	1:09.0
ROBIN MCFADDEN, H. SHELBOURN	1:10.5
ROWENA MICHALKE, BETHEL	1:11.2
ROBIN MAHN	1:13.0
ANN WIKMAN, D. DOUGLAS	1:13.2

100 YD BUTTERFLY

SALLIE HARVEY, PINE CREST	#59.8
MARILYN GORDON, PINE CREST	1:00.1
LIBBY TULLIS, PINE CREST	1:00.3
KATH. HAMMER, H.B. PLANT	1:01.3
JANIS LEWIS, CORAL PK	1:01.4

200 YD INDIVIDUAL MEDLEY

MARILYN GORDON, PINE CREST	*2:16.1
LIBBY TULLIS, PINE CREST	2:16.3
PAM KRUSE, POMPADOR BCH	2:18.4
SALLIE HARVEY, PINE CREST	2:19.4
SUSIE SHIELDS, EASTERN	2:20.2

200 YD MEDLEY RELAY

PINE CREST (L. TULLIS, DEV. WOLLEY, N. FISHER, S. HARVEY) 1:54.5

H. ALEAM (CHERYL BELLINGER, NANCY FRICK, MARY HOFFMANN, JOANN MILLER) 2:00.0

DAVID DOUGLAS (DIANNE BURRY, DEBBIE PEYTON, ANN SHERY, PAM BAKER) 2:00.7

WESTPORT (PATTY SMITH, A. WRIGHT, PAM HENDERSON, LEE BETHUNE) 2:01.1

BEAVERTON (LEAL WHITTLESEY, GAYLE MACDONALD, STELLA VORHANS, KATI MOORE) 2:01.7

400 YD FREESTYLE RELAY

PINE CREST (NANCY FISHER, LIBBY TULLIS, SALLIE HARVEY, BARBARA THOMAS) 3:38.8

PALMETTO (CANDY CALENDER, DALE ATKINSON, LAURIE BUCK, MARCIA POPE) 3:55.7

CORAL GABLES (CORINN SIMON, JACKI VLOEDMAN, MARTI WHITE, BONNIE HILL) 3:58.3

STRANAHAN (PEGGY HUGHES, NANCY VALENTINE, PAM RATLIFF, LINDA GRINKIEWICH) 3:58.8

MIAMI SPRINGS (WENDY FORDYCE, YOLLY HODGSON, D. THERIEN, KAREN ANDRESEN) 3:59.3

1 METER DIVING

KATHERINE STEWARD, EDISON	370.50
CINDY MARKS, SO. EGGENE	362.85
BARBARA BARRONS, W. PORT	354.20
VALENE STONE, PINE CREST	337.15
MARSHA GOWARD, PINE CREST	307.00

MAURA CAMPION, MSC 2:41.9

CATHY COOLEY, PH 2:54.7

11-12

50 YD FREESTYLE

LEIANNE SEXTON, PH	27.2
ARLENE STROMBERG, SR	27.7
CONNIE FENTON, HOME	28.1

100 YD FREESTYLE

LEIANNE SEXTON, PH	1:00.0
CONNIE FENTON, HOME	1:00.6
LESLIE ANDERSON, PH	1:01.1

50 YD BACKSTROKE

NANCY KIRKPATRICK, WA	31.7
DEBBIE NELSON, SRFP	32.1
KIM HUGHES, MSC	34.2

100 YD BACKSTROKE

DEBBIE NELSON, SRFP	1:08.8
NANCY KIRKPATRICK, WA	1:10.4
LESLIE ANDERSON, PH	1:11.5

100 YD BREASTSTROKE

LEIANNE SEXTON, PH	1:18.1
LIZ MABANA, SRFP	1:18.7
EILEEN LOWE, BY	1:19.3

50 YD BUTTERFLY

LESLIE ANDERSON, PH	30.0
CAROL MAGGINS, SRN	31.0
CONNIE FENTON, HOME	31.0

100 YD BUTTERFLY

LESLIE ANDERSON, PH	1:07.7
CONNIE FENTON, HOME	1:10.0
ROBERTA DEVINCENZI, SSC	1:10.2

200 YD INDIVIDUAL MEDLEY

LESLIE ANDERSON, PH	2:25.4
LEIANNE SEXTON, PH	2:28.6
LORI STEINAGEL, UNATT	2:32.5

13-14

100 YD FREESTYLE

KARLA HUSLEY, HSC	1:02.4
DELA FRAGOLLI, HSC	1:03.2
KERRI COOLEY, HSC	1:03.4

200 YD FREESTYLE

MARY BRUNCKHURST, HSC	2:11.2
SHARON PICKARD, MCC	2:12.2
KAREN MALLORY, HSC	2:16.8

100 YD BACKSTROKE

MARY BRUNCKHURST, HSC	1:08.2
JANE KINSKY, MO	1:10.6
JEANNE MARDON, SSC	1:10.7

200 YD BACKSTROKE

MARY BRUNCKHURST, HSC	2:25.6
JEANNE MARDON, SSC	2:30.6
JANE KINSKY, MO	2:34.2

100 YD INDIVIDUAL MEDLEY

MARY BRUNCKHURST, HSC	2:27.3
JEANNE MARDON, SSC	2:30.8
SUZY ARCHIE, ARP	2:30.8

15-17

100 YD FREESTYLE

PATTY SCOTT, DA	57.3
KAREN MOE, AQB	58.5
SALLY VAN DYKE, SSC	58.9

200 YD FREESTYLE

KAREN MOE, AQB	2:08.2
PATTY SCOTT, DA	2:08.7
CAROL MCGAHAN, HSC	2:10.0

100 YD BACKSTROKE

SALLY VAN DYKE, SSC	1:07.5
KAREN MOE, AQB	1:08.7
KAREN NISLEY, HSC	1:11.7

200 YD BACKSTROKE

SALLY VAN DYKE, SSC	2:25.4
KAREN MOE, AQB	2:29.6
CAROL MCGAHAN, HSC	2:32.1

100 YD BREASTSTROKE

NANCY BOEHRER, AQB	1:18.4
BELINDA BRIMHALL, PIED	1:17.7
KATHY SCHUMACHER, SSC	1:18.5

200 YD BREASTSTROKE

NANCY BOEHRER, AQB	2:46.7
CAROL MCGAHAN, HSC	2:48.5
SANDY SAMORA, SSS	2:49.1

100 YD BUTTERFLY

KAREN MOE, AQB	1:06.0
KAREN PARIETZ, SSC	1:06.8
SALLY VAN DYKE, SSC	1:08.8

200 YD INDIVIDUAL MEDLEY

SALLY VAN DYKE, SSC	2:26.5
KAREN MOE, AQB	2:29.4
CAROL MCGAHAN, HSC	2:30.2

80YS

10 & UNDER

100 YD FREESTYLE

MIKE MOSSBURG, AQB	1:03.0
KEN DEMONT, MSC	1:04.0
ROY WESSBACHER, UNATT	1:06.7

50 YD BACKSTROKE

MIKE MOSSBURG, AQB	34.7
BON LYCETTE, SRFP	35.0
KEN DEMONT, MSC	35.0

100 YD BACKSTROKE

MIKE MOSSBURG, AQB	1:14.6
KEN DEMONT, MSC	1:15.3
ROY WESSBACHER, UNATT	1:17.5

100 YD BREASTSTROKE

MARY LIGHTFOOT, SRN	1:22.8
STEVE BRID, SPY	1:22.8
BRAD TAYLOR, SMSC	1:25.9

50 YD BREASTSTROKE

STEVE BRID, SPY	38.7
BRAD TAYLOR, SMSC	39.2
JIM TUFTS, MSC	40.1

50 YD BUTTERFLY

MARK LIGHTFOOT, SRN	31.2
KEN DEMONT, MSC	31.3
MIKE MOSSBURG, AQB	31.6

200 YD INDIVIDUAL MEDLEY

MIKE MOSSBURG, AQB	2:35.4
KEN DEMONT, MSC	2:35.4
BON LYCETTE, SRFP	2:45.7

11-12

100 YD FREESTYLE

STEVE DOWNER, PH	58.0
STEVE AUSTIN, OM	1:01.1
MARK WILLIAMSON, PH	1:02.1

50 YD BACKSTROKE

STEVE DOWNER, PH	30.9
PERRY LANGE, ORD	31.5
VICTOR RIDLO, PH	32.2

100 YD BACKSTROKE

STEVE DOWNER, PH	1:07.1
PERRY LANGE, ORD	1:08.1
SANDY MACDONALD, SR	1:11.0

100 YD BREASTSTROKE

VICTOR RIDLO, PH	1:15.0
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PETER SPAHN, MIST 1:16.4

50 YD BUTTERFLY

VICTOR RIDLO, PH	30.1
SANDY MACDONALD, SR	30.0
JIM PURCELL, TM	30.1

100 YD BUTTERFLY

MIKE BRUNER, SSC	1:07.3
DALE TUCCHINI, UN	1:07.5
JIM PURCELL, TM	1:07.5

200 YD INDIVIDUAL MEDLEY

STEVE DOWNER, PH	2:23.8
VICTOR RIDLO, PH	2:28.8
JOHN MEDVE, DN	2:30.1

13-14

100 YD FREESTYLE

BRAD ANDERSON, HSC	53.1
MIKE HAYDEN, WOPR	53.4
MIKE MOYNIHAN, CHAB	55.8

100 YD BACKSTROKE

BRAD ANDERSON, HSC	1:01.2
GREG KROMERY, AH	1:01.8
ERIC RASMUSSEN, PH	1:05.1

200 YD BACKSTROKE

GREG KROMERY, AH	2:11.4
BRAD ANDERSON, HSC	2:12.8
ERIC RASMUSSEN, PH	2:22.4

100 YD BUTTERFLY

TOM DODD, PH	1:08.8
TOM POWELL, UN	1:08.7
MARC BASAZNEZ, MO	1:11.5

200 YD BACKSTROKE

TOM DODD, PH	2:30.0
MARC BASAZNEZ, MO	2:32.4
ARLEN KROMERY, AH	2:36.7

100 YD BUTTERFLY

MIKE EMME, PH	59.6
BRAD ANDERSON, HSC	59.9
GREG KROMERY, AH	1:00.6

200 YD INDIVIDUAL MEDLEY

GREG KROMERY, AH	2:13.5
BRAD ANDERSON, HSC	2:17.4
JOHN BUTLER, PH	2:20.9

15-17

100 YD FREESTYLE

PAUL NOLAN, LAC	51.8
MIKE SEATON, PH	52.1
JOHN COLLIER, SRN	52.6

100 YD BACKSTROKE

TOM KROETZ, HSC	58.4
LARRY GIBBS, SRFP	1:00.8
MARK CARMAN, ECG	1:03.8

200 YD BACKSTROKE

TOM KROETZ, HSC	2:09.0
LARRY GIBBS, SRFP	2:14.3
J.D. BARNETT, SRN	2:20.6

100 YD BREASTSTROKE

STEPHEN GRIMES, PH	1:06.8
BILL MAR, WA	1:07.1
MARK CROGHAN, HSC	1:09.0

200 YD BREASTSTROKE

STEPHEN GRIMES, PH	2:28.1
MARK CROGHAN, HSC	2:31.0
JEFF LONGMATE, PH	2:31.6

100 YD BUTTERFLY

JOHN COLLIER, SRN	55.4
JIM HELLAND, IMN	57.8
NOEL LAVATY, BY	58.3

200 YD INDIVIDUAL MEDLEY

JOHN COLLIER, SRN	2:09.7
MARK CROGHAN, HSC	2:09.9
LARRY GIBBS, SRFP	2:12.9

Statement of Ownership, Management and Circulation  
(Act of October 23, 1962; Section 4369, Title 39,  
United States Code)

1. Date of filing: October 1, 1968.

2. Title of publication: SWIMMING WORLD & JUNIOR SWIMMER

3. Frequency of issue: Monthly

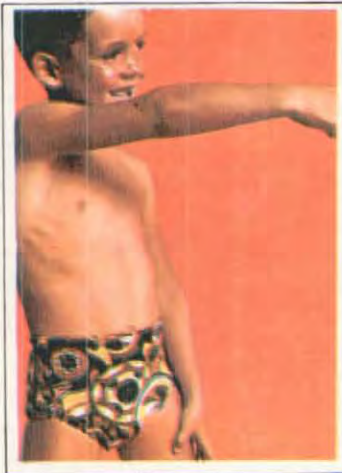
4. Location of known office of publication: 12618 Killian Street, North Hollywood, California, 91607.

5. Location of headquarters of general business office of the publishers: 12618 Killian Street, North Hollywood, California, 91607.

6. Editor (name and address): Albert Schoenfeld 12



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