



The
WATER SKIER

Vol. 8

SEPTEMBER-OCTOBER, 1958

No. 5



AWSA Holds Annual Meeting

The annual Board of Directors meeting of the American Water Ski Association was held at 8 p.m., August 23, 1958, at Pine Mountain, Ga.

Officers for the coming year were elected. They are as follows: Jack Andresen, Greenwood Lake, N. Y., president; Stewart McDonald, III, Tampa, Fla., vice president; reelected to honorary vice presidencies were Dick Pope, Sr., of Cypress Gardens, Fla., and Larry Brown of Laconia, N. H.; Lee Sutherland, Short Hills, N. J., was elected secretary-treasurer; and Charles R. Sligh, Jr., Holland, Mich., was reelected a third time as chairman of the Board of Directors.

It was announced that Hugo Biersach was retiring from American Water Ski Association activities and the Board of Directors voted a general acclaim for Hugo as a result of the fine work he has done.

A motion was presented and carried to establish rules for the setting up of a three-quarter club, which would also be sponsored by the Century Boat Company as is the Century Club. This club would be for those people in divisions other than the men's who jump 75 feet or more. This distance has not been definitely established since a committee will make recommendations as to the rules and the length of the jump.

It was also suggested by Stew McDonald that a Wright Club be considered which might be sponsored by the Wright airplane engine people because of the name. This club would be for men who have jumped over 120 feet in sanctioned tournament competitions, since that coincidentally is the same distance as the first airplane flight at Kitty Hawk. This was referred to a study committee.

Will Crews Morris, San Antonio, Texas, led a lengthy discussion concerning the revision of by-laws. Extensive revisions were made because the old by-laws had

not been revised for nearly two years and because the new independent operation of AWSA entailed a considerable change in structural setup.

One of the changes in the by-laws sets a quorum for a general membership meeting, held annually at the national tournament, at 50 instead of the former 25 members.

The duties of the newly established executive manager, William D. Clifford, were outlined in a resolution submitted by Will Crews Morris. It was established that the independent operation and the severance from administration by OBC would take place on September 1 instead of the earlier agreed October 1.

Sanction fees were discussed and a new schedule of sanction fees was established. New fees are \$100 for national tournaments, \$25 for regional tournaments and \$15 for all other sanctioned tournaments.

A proposal for raising membership dues was discussed, but was voted down. Senior membership dues for the next year will be \$3, as in the past. Junior memberships were raised from \$1 to \$3.

An idea was presented concerning the possible appropriation of funds from the national fund into various regional organizations for their expenses. This idea was assigned to the finance study to be undertaken by the secretary-treasurer.

At the general membership meeting the day prior to the board meeting, a resolution was passed advising the setting up of area councils in each region for the promotion of ski schools, ski clubs and skiing in general. The Board of Directors made no vote or decision on this because it was felt that it was not only a regional affair, but that the regional advisory councils as established now serve this purpose.

The establishment of the optimist class for children under the age of 14, as recommended at the general membership meet-

(Continued on page 21)

The Water Skier

SEPTEMBER-OCTOBER, 1958

Editors: Edward S. Spanke
Len Hilts

THE COVER

A champion in full flight—Joe Cash sails off the jumping ramp at Callaway Gardens to travel 136 feet, farther than any other human has ever done on water skis.

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September-October, 1958—Vol. 8, No. 5
Office of Publication: American Water Ski Association
307 N. Michigan Avenue, Chicago 1, Illinois
Printed in U.S.A.

Records Fall At 1958 Nationals

By Len Hilts

National records fell faster and harder than predicted at the National Water Ski Tournament held at the Ida Cason Callaway Gardens in Pine Mountain, Ga., August 22-24. The meet, filled with thrills, humor and pathos, was generally conceded to be the best National Tournament ever held.

The total attendance at the meet was estimated at somewhere around 25,000, with 3,000 turning out on Friday, 7,000 on Saturday and 15,000 on Sunday. Robin Lake, a glistening jewel in the Pine Mountain setting, is in the center of a natural amphitheater of grassy slopes, affording the spectators a remarkable view of all events taking place.

Four Records Fall

In the jumping events, four records were broken and one was tied! Jumping Joe Cash sailed 136 feet to set the new men's jumping record, bettering his own previous record of 129 feet. Mike Osborn of Cypress Gardens, Fla., also jumped 136 feet, but fell twice and thus was disqualified—a heartbreaking experience. Buster McCalla and LeRoy Herren each jumped 128 feet and Joe Mueller broke the old record with a jump of 130 feet. All told, there were five jumps over 120 feet and a number of other jumps over this mark which were washed out when the jumper fell. After watching the way in which the jumpers were sailing through the air, many of the spectators were of the opinion that the record of 136 feet would not stand for long and that 140 feet was coming up fast.

The old National Water Ski Tournament record was 126 feet, but was broken

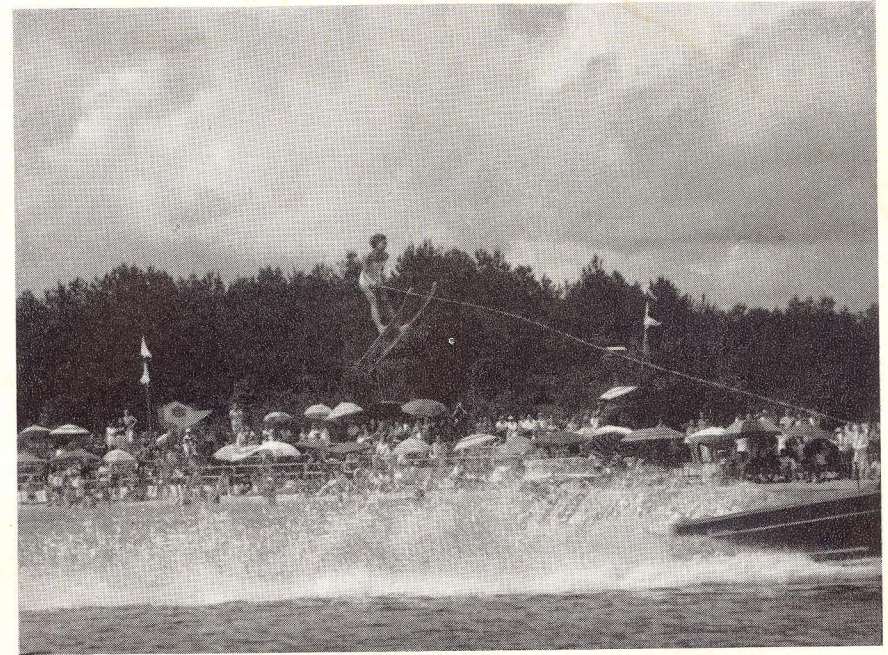
by four jumpers—which in itself must be a record.

In the women's jumping, Nancie Rideout of Cypress Gardens broke her old record of 81 feet by eight feet to create a new world record of 89 feet. Nancie is shooting hard to become the first woman to break into the Century Club and, if her performance in the tournament means anything, it won't be long before she makes it. Bonnie Perkins of Austin, Texas, jumped 75 feet, Jane Dorwin of Minocqua, Wis., jumped 68 feet and Carol Ann Van Wyk of Stockton, Calif., jumped 65 feet for other good distances. The former meet record was 76 feet which Nancie set in 1957.

New Boys' Jump Record

In the boys' jumping, Roger Ray of Cypress Gardens, Fla., sailed 110 feet to better by three feet the record which he held. The meet record previously was 93 feet set by Mike Osborn in 1956. Last year, Ray won the boys' jumping with a leap of 87 feet. It is remarkable to note that in the boys' event there were seven jumps of better than 90 feet, indicating that when the current crop of boys reach the men's jumping, the competition will be fierce. Five jumpers actually bettered the former meet record.

Before the veterans began jumping, Jack Killilea said that he wanted only one thing out of this life at that moment. That was to break the veterans' jumping record. He put on his skis, went out and broke it, jumping 85 feet. Floyd Vance of Sacramento, Calif., came along right behind him with another jump of 85 feet, also breaking the former world's record of 83



Nancie Rideout soars past the excited crowd at Robin Lake to set a new world record in the Women's Division jump. Nancie, aiming for the Century Club, was disappointed that she went only 89 feet.

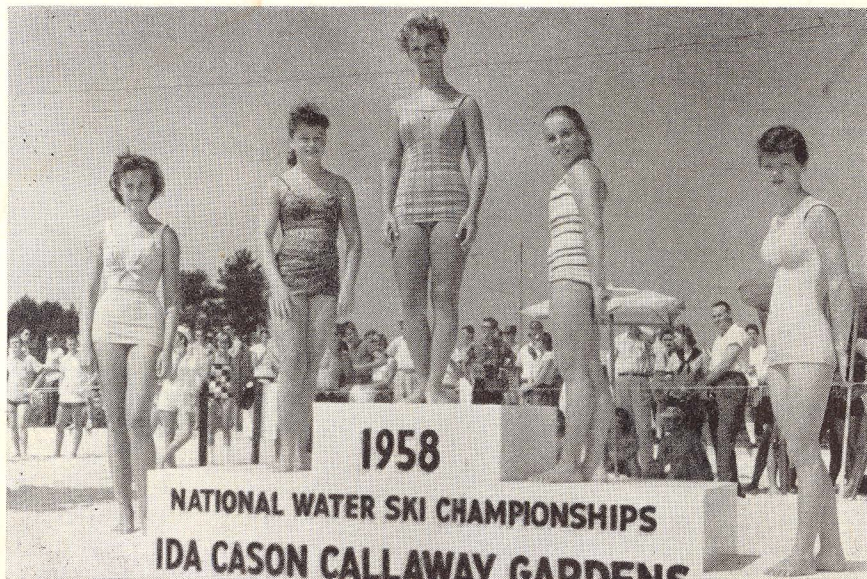
feet. In the final placement, Killilea was first and Vance fourth, because Vance's form was off in his jump. Bill Goodhue of N. Kingston, R. I., jumped 83 feet to tie the former world's record and came in second. Paul Boel jumped 81 feet to come in third and Hal Roberts jumped 79 feet to place seventh—and all of them beat the previous meet record.

In the girls' jumping, Jean Barnetson of Metairie, La., jumped 74 feet to tie the world record held by Barbara Cooper of Lakeland, Fla. Barbara jumped 73 feet to take second place and Vicki Van Hook jumped 73 feet, but placed fourth. The previous meet record of 67 feet, set by Sally Morris in 1957, was bettered by these three jumpers and by Gwen Huston of Barksdale, La., also. This was the first national competition for both Jean Barnetson and Barbara Cooper.

During the men's jumping, there was a long pause after one jumper cleared the ramp, lost his balance and made a head-long dive into the water. The crowd became worried when the pickup boats milled around the man in the water, fearing that something serious had happened. And something had happened. He had lost his swimming trunks as he hit the water. After some time, the trunks were recovered, put back where they belonged and the meet continued.

Tourney Rules Enforced

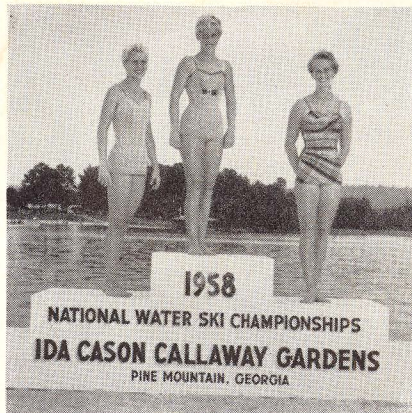
Henry Holmes, defending champion in the veterans' tricks, was unable to compete, causing a good deal of disappointment among the spectators. He reported to the starting dock after the entries for the event had been closed, thus disqualifying himself. Rumor had it that he ran



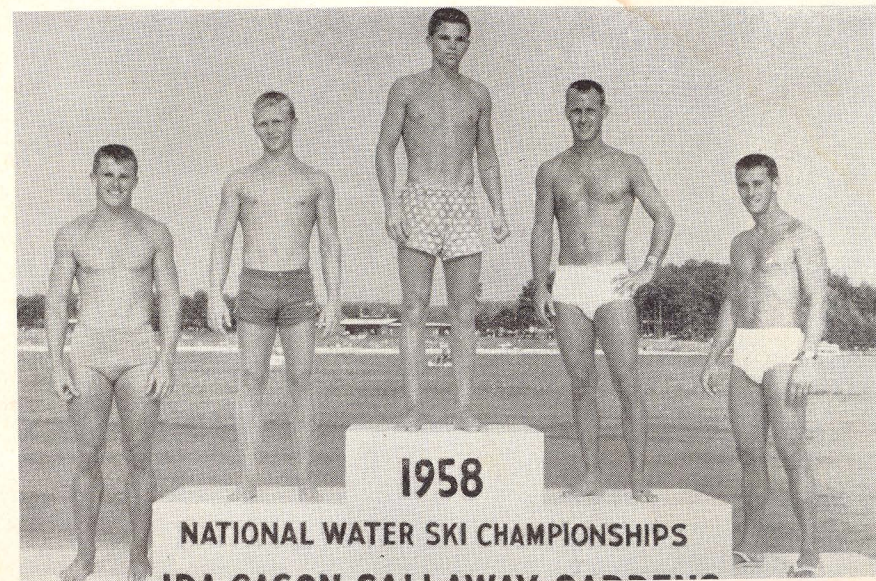
Winners in the Girls' Slalom pose on the champions' platform at Robin Lake, Callaway Gardens. Winners are Vicki Van Hook, Long Beach, Calif.; Janelle Kirtley, Birmingham, Ala.; Martha Ann Williams, Long Beach, Calif.; Jenny Hodges, Birmingham, Ala.; and Colleen Dodge, Sacramento, Calif.

out of gas on route to the tournament site. Rules, however, are rules. All through the tournament, the rules were adhered to

Girls' jumping winners silhouetted against Robin Lake: Jean Barnetson, Metairie, La.; Barbara Cooper, Lakeland, Fla.; and Gwen Huston, Barksdale, La.



very strictly. Thus, Henry could not defend his crown, which went to Jack Andresen, new AWSA president, who scored a total 1,201.5 points. Jack Killilea of New Orleans was second and Dr. Tom Daly of W. Palm Beach, Fla., was third. In the veterans' slalom on the first run of the boat at 26-28 m.p.h., there were five perfect scores. Last year, Henry Holmes won the event, with Jack Andresen coming in third. This year, Henry was 10th and Andresen won. Previously, Andresen had won the event three years in a row, 1954-1956. Floyd Vance of Sacramento, Calif., was second and Johnny DeMiller of W. Palm Beach, Fla., was third. By taking first in slalom, first in tricks and 17th in jumping, Jack Andresen won the veterans' overall. Jack Killilea was second and Floyd Vance was third. This was the first appearance for Killilea in nationals since 1951. Andresen had been overall champion in 1954 and 1956.



Scoring in Men's Tricks at Nationals this year was fabulous. Winner Chuck Stearns (above), Bellflower, Calif., scored 1943.5 points. Other winners are Mike Amsbry, Orange, Calif.; William Stevenson, Greenville, S. C.; Mike Osborn, Cypress Gardens, Fla.; and Joe Cash, Sarasota, Fla.

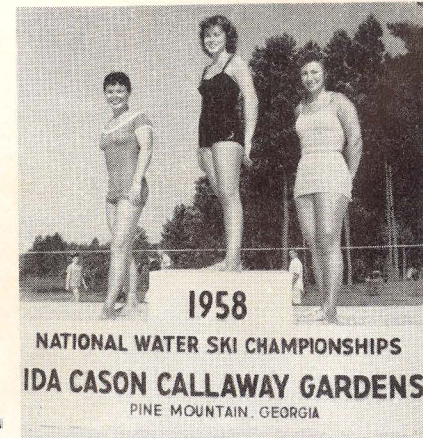
Clean Sweep in Women's

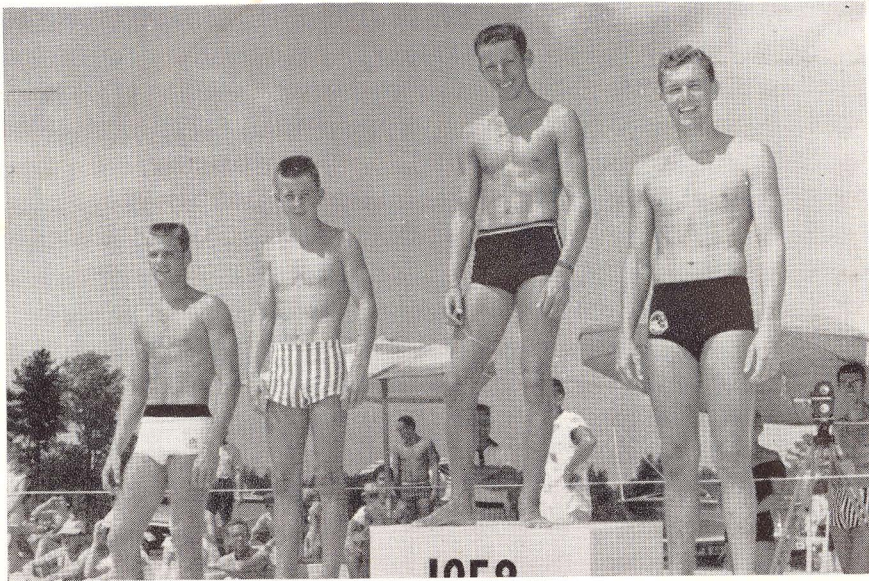
Nancie Rideout not only won jumping, but made a clean sweep of the women's events, taking first in slalom and tricks as well as jumping. Janie Dorwin was second in the slalom and Carol Ann Van Wyk was third. In the tricks, Nancie scored 1,012.5 points, Gloria Abben of Sacramento, Calif., came in second with 840 points and Janie Dorwin was third, with 754 points. This event was run in two sections, beginning Saturday afternoon. Called because of darkness, it was completed early Sunday morning.

In overall scoring in the women's division, Nancie Rideout was first, Janie Dorwin second and Carol Ann Van Wyk was third. Nancie's slam was the first since 1951, when Willa McGuire scored one at Lake Placid, N. Y. Nancie had been second in overall in 1957. Janie Dorwin did not compete last year and Carol Ann Van Wyk came up from the girls' division.

Simon Khoury of Cypress Gardens took the 1958 men's slalom event. This was

Three familiar names show up as winners in Women's Overall: Nancie Rideout, Cypress Gardens, Fla.; Jane Dorwin, Minocqua, Wis.; and Carol Ann Van Wyk, Stockton, Calif.





Competition in Boys' Slalom was tough, as it was in every category. The four top winners who finally emerged were: Roger Ray, Cypress Gardens, Fla.; Fred Pendlebury, San Diego, Calif.; Howard Ennis, Delray Beach, Fla.; and Arthur (Skip) Fox III, Ft. Worth, Texas. Watch for these names during the next few years, as these boys graduate into the Men's Division.

Khoury's first appearance in the nationals. Chuck Emry of Winter Haven, Fla., was second to Khoury and had been men's slalom champion in 1956, boys' slalom champion in 1954 and overall champion in 1954.

On the first run at this year's nationals, the boat speed was set at 28-30 m.p.h., a new high.

In spite of this, there were 19 perfect scores. On the second run at 32-34 m.p.h., Emry and Khoury were perfect, Osborn and Waters were 14 plus 1. Holcombe and Stearns were 13 plus 1, Amsbry and Jackson were 13, Sheppard was 12 plus 2, Rusing and Travassos were 12, and Cash and McCalla were 11. On the final run of 32-34 m.p.h., with the line reduced by 12 feet to 63 feet, Khoury scored 13 plus 1 and Emry got 12. In the runoff for third place, Osborn was perfect and Waters got 13.

High Score in Tricks

In men's tricks, Chuck Stearns, Bellflower, Calif., scored 1,943.5 points. This total is the highest ever recorded in any competition, although no records have been maintained in tricks. Stearns was second last year. Mike Amsbry, Orange, Calif., scored 1,664.5 points, taking second, and Bill Stevenson, Greenville, S. C., scored 1,419 points for third.

Men's overall scoring gave the title to Chuck Stearns, who took first in tricks, ninth in jumping and fifth in slalom. Simon Khoury was second with a first in slalom, ninth in tricks and seventh in jumping. Mike Amsbry was third and Joe Cash was fourth. Stearns was the defending champion and had been the boys' overall champion in 1955. This means that he has now won three national overall championships in four years. Amsbry was the boys' overall champion in 1956 and

was third in the boys' last year. Joe Cash was second in the overall last year.

In the boys' division, Roger Ray, in addition to taking the jumping title, also took the slalom title. Fred Pendlebury of San Diego was second and Howard Ennis of Delray Beach, Fla., was third. Larry Penacho, San Diego, scored highest in the boys' tricks, with a total of 1,721.5 points. Last year, Mike Amsbry won the event, with 1,648 points, the highest ever recorded up to then in any division, and Roger Ray, with 1,327 points last year, was the only other boy to surpass 1,000 points. Unofficially, Penacho's mark in his debut in the nationals is the second highest total ever run in a competition, second to Chuck Stearns' 1,943.5 points in the men's division this year.

Newcomers Place High

In boys' overall scoring, Roger Ray was the defending champ and succeeded in defending his championship. It is interesting to note that Fred Pendlebury of San Diego, Larry Penacho of San Diego, Ni Orsi, Jr., Stockton, Calif., and Geoffrey Wolfe of Jacksonville, Fla., were all making their first appearance in the nationals. Thus, all but two of the first six places were taken by newcomers to the national tournament.

In the girls' division, Vicki Van Hook of Long Beach, Calif., took the trick riding, with 1,573 points and Janelle Kirtley of Birmingham, Ala., was second, with 1,175.5 points. Vicki was defending her overall championship and her trick riding championship. Martha Ann Williams, Long Beach, Calif., who was second in the nationals last year, was fifth this year. Janelle Kirtley was fifth last year and moved up to second.

In the girls' slalom, with the first run at 26-28 m.p.h., the top eight finishers had perfect scores. On the second run at 30-32 m.p.h., the top three finishers had perfect scores. Janelle Kirtley, who won the girls' slalom the past two years and was 1956 overall champion, took second and Vicki

Van Hook, who took second in slalom last year, took first. Both girls are 14 years old. Martha Ann Williams, who was third, is 11.

Girls' overall scoring showed that Vicki Van Hook, with a first in slalom, first in tricks and fourth in jumping, was first, successfully defending her overall championship. Janelle Kirtley, who was third in overall in 1957, succeeded to the second spot this year. Martha Ann Williams competed only in tricks in 1957, but this year took third in girls' overall.

As usual, the mixed doubles were a colorful and skillful exhibition which pleased the crowd tremendously. First place went to Norine Bardill and Joe Grimaldi. Second place went to Cathy Vogel and Eddie Mayhew. Martha Ann Williams and Chuck Stearns were awarded third place.

Governor's Trophy

The Governor's Trophy, which this year was awarded to the region whose skiers scored the highest number of points in the tournament, went to the Southern Region, which amassed the total of 35,884.5 points. Computing this point total, the judges considered the first 10 places in each event. The Western Region was second, the South Central Region was third, the Eastern Region fourth and the Midwest was fifth.

Stew McDonald served as announcer for the tournament, with Chuck Sligh and Bill Clifford filling in when Stew needed a rest. All three did an excellent job of explaining to the visitors some of the finer points of what was happening on the water.

High Entry

All told, there were 136 contestants in this year's nationals, necessitating long runoffs in some of the events. It was once again obvious that the expertness of our skiers is improving every year. Even though the requirements are raised each year, the skiers seem equal to qualifying for the nationals.

AWSA Assumes Independent Status

The American Water Ski Association opened its new national headquarters at Winter Haven, Fla., on October 1, according to an announcement by William D. Clifford, newly appointed executive manager. The opening of the new headquarters signifies the assuming of an independent status by the association, Clifford said.

Since 1954, the AWSA has been under the guidance and sponsorship of the Outboard Boating Club of America, and has been operating from the Chicago offices of the OBC. In that year, the AWSA, suffering from growing pains because the sport of water skiing was expanding so rapidly, came under the wing of OBC with the understanding that when it was strong enough to reassume its independent status it would do so.

Through the following four years, the membership roster better than doubled and AWSA strengthened its position in the sports field. Early in 1958, it became evident that AWSA was ready to continue its business as a separate organization.

In its new headquarters, Clifford said, AWSA will take over membership, tournament activities and publishing of THE WATER SKIER. The OBC, along with the National Association of Engine and Boat Manufacturers, will continue to support the association and will continue to assist with legislation, the promotion of boating safety and the publicity for the annual national water ski tournament.

Clifford, past president of the AWSA and well-known water skier, was appointed as Executive Manager of the association at the annual meeting. This will be a full-time salaried job for Bill, enabling him to devote all of his energies to the growth and development of the organization.

The new address of the AWSA will be: 7th Street and Avenue G, S. W., Winter Haven, Fla. All correspondence in reference to the organization, membership and

tournaments should be directed to this address. And all copy for THE WATER SKIER, beginning with the next issue—that for November-December, 1958—should also be sent to Bill at the new headquarters.

All members of AWSA can be proud of the growth of their organization during the past years and they can be proud of the fact that the AWSA is now standing on its own feet. At the same time, every member must bear in mind that he will have to work doubly hard to keep his organization growing and healthy.

New members will be needed. New clubs will be needed. And Bill Clifford will need all the cooperation and progressive thinking he can get.

California Results

Men's Division: Overall—Chuck Stearns, first; Lon Skinner, second; Ray Gallagher, third. **Jumping**—Chuck Stearns, first; Bob Rose, second; Ray Gallagher, third; Lon Skinner, fourth. **Tricks**—Chuck Stearns, first; Ray Gallagher, second; Lon Skinner, third; William Barlow, Jr., fourth; Kenneth Fox, fifth. **Slalom**—Chuck Stearns, first; Lon Skinner, second; Charlie Cadwell, third; Don McKinney, fourth; Bob Rose, fifth.

Women's Division: Overall—Carol Van Wyk, first; Gloria Abben, second. **Jumping**—Carol Van Wyk, first; Shirley Fratis, second; Gloria Abben, third. **Tricks**—Elva Swoffer, first; Gloria Abben, second; Georgia Fox, third; Carol Van Wyk, fourth. **Slalom**—Carol Van Wyk, first; Elva Swoffer, second; Shirley Fratis, third; Jane Van Wyk, fourth; Gloria Abben, fifth.

Boys' Division: Overall—Fred Pendlebury, first; Larry Penacho, second; Ni Orsi, third. **Jumping**—Ni Orsi, first; Fred Pendlebury, second; Larry Penacho, third; Ronnie Dandliker, fourth. **Tricks**—Larry Penacho, first; Fred Pendlebury, second; Ni Orsi, third; Ronnie Dandliker, fourth. **Slalom**—Fred Pendlebury, first; Larry Penacho, second; Ni Orsi, third; Michael Dixon, fourth; Ronnie Dandliker, fifth.

Girls' Division: Overall—Vicki Van Hook, first; Colleen Dodge, second; Vicki Vance, third. **Jumping**—Vicki Van Hook, first; Colleen Dodge, second; Vicki Vance, third. **Tricks**—Martha Ann Williams, first; Vicki Van Hook, second; Vicki Vance, third; Colleen Dodge, fourth. **Slalom**—Colleen Dodge, first; Vicki Van Hook, second; Martha Ann Williams, third; Vicki Vance, fourth; Carol Eames, fifth.

Veterans' Division: Overall—Floyd Vance, first; Joe Balcoa, second; Wally Pallack, third. **Jumping**—Hal Roberts, first; Floyd Vance, second; Joe Balcoa, third; Wally Pallack, fourth; Nick Nickolson, fifth. **Tricks**—Floyd Vance, first; Wally Pallack, second; Joe Balcoa, third; Hal Roberts, fourth; Billie Jo Dickson, fifth. **Slalom**—Floyd Vance, first; Joe Balcoa, second; Wally Pallack, third; Al Eames and Billie Jo Dickson, fourth.



The Legend of Fred Wiley

The day Fredric M. Wiley decides to hang up his boat and tow rope and retire from the scene of water skiing, some of the flavor is going to be gone from the sport.

Ask any one of the thousands of boys and girls, men and women, who have taken their place at the end of the tow rope behind genial Fred's boat since 1943 when Wiley started driving for water ski tournaments. The sight of the broad shoulders, deeply-tanned face and arms and shock of white hair behind the graceful windshield of his boat have become a standard sight at water skiing competitions.

There are those champions who say many of the records now in the books wouldn't have been possible without Wiley's superb boat handling. It's a matter of record that he has been behind the steering wheel when every existing water ski mark has been set.

Fred was born 47 years ago at Oswego, N. Y., right on Lake Ontario, and it's not surprising to learn he has been boating since the age of five.

His present home is at Fort Lauderdale, Fla., where there also is an abundance of water—and the opportunity to tread the decks of his big inboard boat as many as 30 weeks out of the year.

He likes fishing and frequently uses his craft to go after sailfish, kingfish and dolphin, among other species. But his first love is water ski tournament driving—and the American Water Ski Association sees that he gets plenty of opportunity to do that which he likes best.

This year, Fred was official boat driver at 12 official water ski meets, among them the national tourney held at Ida Cason Callaway Gardens at Pine Mountain, Ga., three of the five annual regional meets and several state tournaments. And he would have driven for a few others, too, he admits, if it hadn't been for conflicting dates.

Fred estimates he drives about 10 hours a day during tournament time. With pre-meet practice, the average regional lasts

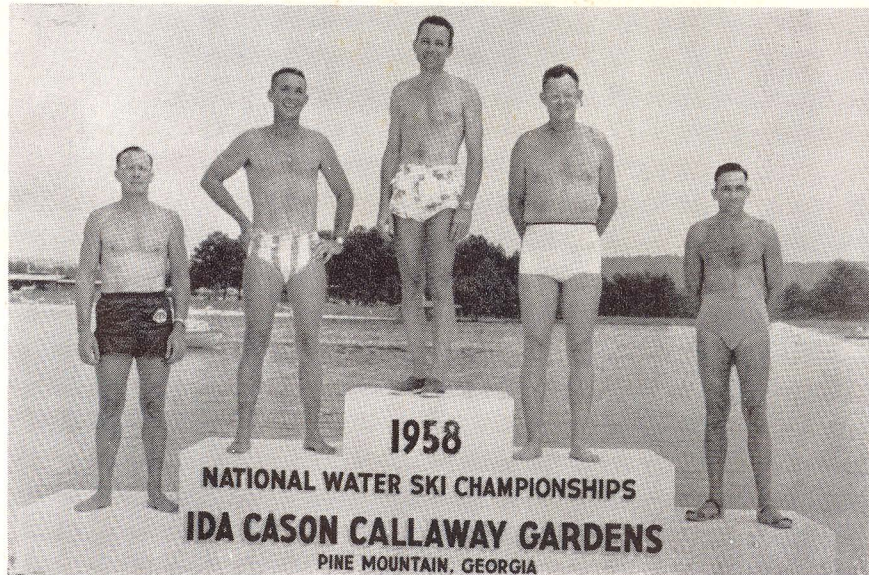
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RESULTS OF 1958 NATIONAL WATER SKI CHAMPIONSHIPS

Men's Overall			
	Slalom	Tricks	Jumping
1. Charles Stearns, Bellflower, Calif.	5 T	1	9 T
2. Simon Khoury, Cypress Gardens, Fla.	1	9	7
3. Mike Amsbry, Orange, Calif.	7 T	2	8
4. Joe Cash, Sarasota, Fla.	12 T	5	1
5. Jon K. Holcombe, Fayetteville, N. Y.	5 T	7	5
6. Harold (Buster) McCalla, Cypress Gardens, Fla.	12 T	14	2
7. William Stevenson, Greenville, S. C.	17	3	12
8. Glenn Sperry, Ft. Worth, Texas.	16	6	17
9. Joe Mueller, McQueeney, Texas.	26	8	4
10. LeRoy Herren, Channelview, Texas.	27	12	3
11. Nathan Travassos, Jacksonville, Fla.	10 T	23	9 T
12. Dick Waters, Jr., Ocean Springs, Miss.	4	24	15
13. Stewart Leonard, Norwalk, Conn.	22	16	11
14. Jerry Vincent, Orange, Texas.	29 T	13	13
15. Glenn Oak, Oconomowoc, Wis.	20 T	21	18

1958 Veteran's Overall			
	Slalom	Tricks	Jumping
1. Jack Andresen, Jr., Greenwood Lake, N. Y.	1	1	17
2. Jack Killilea, New Orleans, La.	6	2	1
3. Floyd Vance, Sacramento, Calif.	2	10	4
4. Johnny DeMiller, W. Palm Beach, Fla.	3	8	14
5. Walter Neuron, Columbus, Ohio.	9	7	19
6. Clayton Gatterdam, Ft. Worth, Texas.	14	9	10
7. Edward W. Gill, Miami, Fla.	7	12	16
8. Joseph Templeton, Owego, N. Y.	17	4	18
9. Hal Roberts, San Diego, Calif.	8	16	7
10. Gordon Bourland, Ft. Worth, Texas.	11	11	20
11. H. H. Rayside, W. Palm Beach, Fla.	23	14	8
12. Billie J. Dickson, Burbank, Calif.	15	15	22
13. Paul Solberg, Jersey City, N. J.	20	20	21

Jack Andresen, Jr., Greenwood Lake, N. Y., topped the Veterans' Tricks event, but was closely followed by Jack Killilea, New Orleans, La.; Dr. Thomas Daly, W. Palm Beach, Fla.; Joseph Templeton, Owego, N. Y.; and Ernest Maiers, Denver, Colo. Andresen also won the Men's Overall scoring and was elected president of AWSA for 1958-59—a lot of honors for Jack in a few days.



Women's Overall			
	Slalom	Tricks	Jumping
1. Nancie Lee Rideout, Cypress Gardens, Fla.	1	1	1
2. Jane Dorwin, Minocqua, Wis.	2	3	2
3. Carol Van Wyk, Stockton, Calif.	3	10	4
4. Gloria Abben, Sacramento, Calif.	7	2	6
5. Cynthia Haram, Marion, Ind.	8	5	7
6. Bonnie Barnes Perkins, Austin, Texas.	10	6	3
7. Joyce King, Pensacola, Fla.	9	8	5
8. Su Maurer, South Bend, Ind.	5	7	8

Boys' Overall			
	Slalom	Tricks	Jumping
1. Roger Ray, Cypress Gardens, Fla.	1	5	1
2. Fred Pendlebury, San Diego, Calif.	2	4	10
3. Larry Penacho, San Diego, Calif.	11	1	20
4. Penny Baker, Austin, Texas.	6 T	6	4
5. A. J. "Ni" Orsi, Jr., Stockton, Calif.	15 T	2	7
6. Geoffrey Wolfe, Jacksonville, Fla.	15 T	3	16
7. Art (Skip) Fox III, Ft. Worth, Texas.	4	12	3
8. Dave Eckrich, Ft. Wayne, Ind.	21 T	7	12
9. Bobby Kirtley, Birmingham, Ala.	12	13	18
10. Randolph Vance, Ft. Worth, Texas.	19 T	10	21
11. Hardy Vick, Jacksonville, Fla.	9 T	16	11
12. Ted Morris, Laconia, N. H.	25	9	5
13. Robert F. Lilly, Sharon, Pa.	24	8	22
14. David Holmes, W. Palm Beach, Fla.	19 T	15	13 T
15. Terry Nergaard, St. Charles, Ill.	27	11	8

1958 Girls' Overall			
	Slalom	Tricks	Jumping
1. Vicki Van Hook, Long Beach, Calif.	1	1	4
2. Janelle Kirtley, Birmingham, Ala.	2	2	5 T
3. Martha Ann Williams, Long Beach, Calif.	3	3	11
4. Colleen Dodge, Sacramento, Calif.	5	5	7 T
5. Vicki Vance, Sacramento, Calif.	6	4	9
6. Gwen Huston, Barksdale, La.	8	7	3
7. Barbara Cooper, Cypress Gardens, Fla.	7	10	2
8. Norine Bardill, Ft. Lauderdale, Fla.	9 T	6	7 T
9. Kathy Rayside, W. Palm Beach, Fla.	11	8	5 T
10. Sara Parkey, Wichita Falls, Texas.	9 T	9	13
11. Linda Barnett, Houston, Texas.	12	11	10
12. Carol Wilkinson, W. Palm Beach, Fla.	14	12	12
Jenny Hodges, Birmingham, Ala.	4	—	—
Jane Stevens, W. Palm Beach, Fla.	13	—	—
Charlene Morehouse, Elkhart, Ind.	15	—	—
Jean Barnetson, Metairie, La.	—	—	1

1958 Men's Jumping	
	Distance
1. Joe Cash, Sarasota, Fla.	136
2. Harold (Buster) McCalla, Cypress Gardens, Fla.	128
3. LeRoy Herren, Channelview, Texas.	128
4. Joe Mueller, McQueeney, Texas.	130
5. Jon K. Holcombe, Fayetteville, N. Y.	118
6. Jim Rusing, DeLeon Springs, Fla.	119
7. Simon Khoury, Cypress Gardens, Fla.	120
8. Mike Amsbry, Orange, Calif.	113
9. (Tie) Charles Stearns, Bellflower, Calif.	110
Nathan Travassos, Jr., Jacksonville, Fla.	110
11. Stewart J. Leonard, Norwalk, Conn.	113
12. William R. Stevenson, Greenville, S. C.	106
13. Jerry Vincent, Orange, Texas.	99
14. Ralph Cantin, Laconia, N. H.	104
15. Dick Waters, Jr., Ocean Springs, Miss.	96
16. Tom Dorwin, Minocqua, Wis.	95
17. Glenn Sperry, Ft. Worth, Texas.	93
18. Glenn Oak, Oconomowoc, Wis.	80
Ray Fullerton, Ann Arbor, Mich.	Fall
Ralph W. Grandle, Chicago, Ill.	Fall
Willard Hart, Milford, Mich.	Fall
James Jackson, Delray Beach, Fla.	Fall
Mike Osborn, Cypress Gardens, Fla.	Fall
W. Robert McWhorter, Sarasota, Fla.	Fall

1958 Men's Tricks	
	Points
1. Charles E. Stearns, Bellflower, Calif.	1943.5
2. Mike Amsbry, Orange, Calif.	1664.5
3. William R. Stevenson, Greenville, S. C.	1419
4. Mike Osborn, Cypress Gardens, Fla.	1350.5
5. Joe Cash, Sarasota, Fla.	1308.6
6. Glenn Sperry, Ft. Worth, Texas.	1209
7. Jon K. Holcombe, Fayetteville, N. Y.	1025
8. Joe Mueller, McQueeney, Texas.	1018
9. Simon Khoury, Cypress Gardens, Fla.	971.5
10. William P. Barlow, Jr., Piedmont, Calif.	967
11. Charles F. Almeida, Jr., Eglin AFB, Fla.	934
12. LeRoy Herren, Channelview, Texas.	907
13. Jerry Vincent, Orange, Texas.	887
14. Buster McCalla, Cypress Gardens, Fla.	814
15. Louis A. Abel, Greenwood Lake, N. Y.	712
16. Stewart J. Leonard, Norwalk, Conn.	691
17. James William Jackson, Delray Beach, Fla.	672.5
18. Joe Grimaldi, Detroit, Mich.	652
19. Larry Sheppard, Sarasota, Fla.	591.5
20. Ralph W. Grandle, Chicago, Ill.	482
21. Glenn Oak, Oconomowoc, Wis.	470
22. D. Gordon Rupe, III, Dallas, Texas.	450
23. Nathan Travassos, Jr., Jacksonville, Fla.	414
24. Dick Waters, Jr., Ocean Springs, Miss.	260
25. W. Robert McWhorter, Sarasota, Fla.	227.5

1958 Men's Slalom	
	Points
1. Simon Khoury, Cypress Gardens, Fla.	1943.5
2. Charles Emry, Winter Haven, Fla.	1664.5
3. Mike Osborn, Cypress Gardens, Fla.	1419
4. Dick Waters, Jr., Ocean Springs, Miss.	1350.5
5. (Tie) Jon Holcombe, Fayetteville, N. Y.	1308.6
Charles Stearns, Bellflower, Calif.	1209
7. (Tie) Mike Amsbry, Orange, Calif.	1025

- James Jackson, Delray Beach, Fla.
 9. Larry Sheppard, Sarasota, Fla.
 10. (Tie) Jim Rusing, DeLeon Springs, Fla.
 Nathan Travassos, Jacksonville, Fla.
 12. (Tie) Joe Cash, Sarasota, Fla.
 Buster McCalla, Cypress Gardens, Fla.
 14. Charles Atkins, Jacksonville, Fla.
 15. Ralph Grandle, Chicago, Ill.
 16. Glenn Sperry, Ft. Worth, Texas
 17. William Stevenson, Greenville, S. C.
 18. (Tie) William Dreyer, Houston, Texas
 Ray Huber, LaPorte, Ind.
 20. (Tie) John Abel, Greenwood Lake, N. Y.
 Glenn Oak, Oconomowoc, Wis.
 22. Stewart Leonard, Norwalk, Conn.
 23. Ralph Canton, Laconia, N. H.
 24. W. Robert McWhorter, Sarasota, Fla.
 25. Larry Teague, Jacksonville, Fla.
 26. Joe Mueller, McQueeney, Texas
 27. LeRoy Herren, Channelview, Texas
 28. Ray Fullerton, Ann Arbor, Mich.
 29. (Tie) Tom Dorwin, Minocqua, Wis.
 Jerry Vincent, Orange, Texas

1958 Women's Jumping

	Distance
1. Nancie Rideout, Cypress Gardens, Fla.	89
2. Jane Dorwin, Minocqua, Wis.	68
3. Bonnie Perkins, Austin, Texas.	75
4. Carol Ann Van Wyk, Stockton, Calif.	65
5. Joyce King, Pensacola, Fla.	59
6. Gloria Abben, Sacramento, Calif.	49
7. Cynthia Haram, Marion, Ind.	47
8. Su Maurer, South Bend, Ind.	48
9. Jeanie McDougald, Houston, Texas.	Fell

1958 Women's Tricks

	Points
1. Nancie Rideout, Cypress Gardens, Fla.	1012.5
2. Gloria M. Abben, Sacramento, Calif.	840
3. Jane Dorwin, Minocqua, Wis.	754
4. Elva M. Swoffer, Santa Anna, Calif.	629
5. Cynthia Haram, Marion, Ind.	610
6. Bonnie Barnes Perkins, Austin, Texas.	394
7. Su Maurer, South Bend, Ind.	370.5
8. Joyce King, Pensacola, Fla.	361.5
9. Geri Killilea, New Orleans, La.	310
10. Carol Ann Van Wyk, Stockton, Calif.	267
11. Joan Smith, Gulfport, Miss.	235
12. Jeanie McDougald, Houston, Texas.	110

1958 Women's Slalom

- Nancie Rideout, Cypress Gardens, Fla.
- Jane Dorwin, Minocqua, Wis.
- Carol Ann Van Wyk, Stockton, Calif.
- Jeanie McDougald, Houston, Texas
- Su Maurer, South Bend, Ind.
- Joan Smith, Gulfport, Miss.
- Gloria Abben, Sacramento, Calif.
- Cynthia Haram, Marion, Ind.
- Joyce King, Pensacola, Fla.
- Bonnie Perkins, Austin, Texas

1958 Boys' Jumping

	Distance
1. Roger Ray, Cypress Gardens, Fla.	110
2. Speedy Hart, McQueeney, Texas.	96
3. Art Fox III, Ft. Worth, Texas.	98
4. Penny Baker, Austin, Texas.	95
5. Ted Morris, Laconia, N. H.	94
6. John Stinson, San Antonio, Texas.	89
7. A. J. "Ni" Orsi, Jr., Stockton, Calif.	88
8. Terry Nergaard, St. Charles, Ill.	91
9. Michael Leahy, Laconia, N. H.	84
10. Fred Pendlebury, San Diego, Calif.	90
11. Hardy Vick, Jacksonville, Fla.	86
12. Dave Eckrich, Ft. Wayne, Ind.	79
13. (Tie) David Holmes, W. Palm Beach, Fla.	83
Jeran J. Hooten, Austin, Texas.	80
15. Douglas Barnett, Houston, Texas.	75
16. Geoffrey L. Wolfe, Jacksonville, Fla.	83

- Tom Walker, Ft. Worth, Texas.
- Bobby Kirtley, Birmingham, Ala.
- John Holmes, W. Palm Beach, Fla.
- Larry Penacho, San Diego, Calif.
- Randolph Vance, Ft. Worth, Texas.
- Robert F. Lilly, Sharon, Pa.
- Scott A. Smith, Port Huron, Mich.
- Bill Crotty, Jr., Quincy, Mich.

1958 Boys' Tricks

	Points
1. Larry Penacho, San Diego, Calif.	1721.5
2. A. J. (Ni) Orsi, Stockton, Calif.	1551.9
3. Geoffrey Wolfe, Jacksonville, Fla.	1510.5
4. Fred Pendlebury, San Diego, Calif.	1443
5. Roger Ray, Cypress Gardens, Fla.	1370.5
6. Penny Baker, Austin, Texas.	1305.5
7. Dave Eckrich, Ft. Wayne, Ind.	1276
8. Robert F. Lilly, Sharon, Pa.	1089
9. Ted Morris, Laconia, N. H.	1005.5
10. Randolph Vance, Ft. Worth, Texas.	904.5
11. Terry Nergaard, St. Charles, Ill.	644.5
12. Art (Skip) Fox III, Ft. Worth, Texas.	622
13. Bobbie Kirtley, Birmingham, Ala.	610
14. Bill Crotty, Jr., Quincy, Mich.	413
15. David Holmes, W. Palm Beach, Fla.	340.5
16. Hardy Vick, Jacksonville, Fla.	265

1958 Boys' Slalom

- Roger Ray, Cypress Gardens, Fla.
- Fred Pendlebury, San Diego, Calif.
- Howard Ennis, Delray Beach, Fla.
- Arthur (Skip) Fox III, Ft. Worth, Texas
- Speedy Hart, McQueeney, Texas
- (Tie) Bill Crotty, Jr., Quincy, Mich.
Penny Baker, Austin, Texas
- John Stinson, San Antonio, Texas
- (Tie) Tom Walker, Ft. Worth, Texas
Hardy Vick, Jacksonville, Fla.
- Larry Penacho, San Diego, Calif.
- Bobby Kirtley, Birmingham, Ala.
- Douglas Barnett, Houston, Texas
- Tom Daly, W. Palm Beach, Fla.
- (Tie) Geoffrey Wolfe, Jacksonville, Fla.
Ni Orsi, Stockton, Calif.
- (Tie) Michael Dixon, Arcadia, Calif.
Phil Willis, Jr., Grass Lake, Mich.
- David Holmes, W. Palm Beach, Fla.
- (Tie) Randolph Vance, Ft. Worth, Texas
- (Tie) Dave Eckrich, Ft. Wayne, Ind.
John Holmes, W. Palm Beach, Fla.
- Pete Hammond, San Antonio, Texas
- Robert F. Lilly, Sharon, Pa.
- Ted Morris, Laconia, N. H.
- Sambo Muir, McQueeney, Texas
- Terry Nergaard, St. Charles, Ill.

1958 Girls' Jumping

	Distance
1. Jean Barnetson, Metairie, La.	74
2. Barbara Cooper, Lakeland, Fla.	73
3. Gwen Huston, Barksdale, La.	70
4. Vicki Van Hook, Long Beach, Calif.	73
5. Kathy Rayside, W. Palm Beach, Fla.	62
Janelle Kirtley, Birmingham, Ala.	60
7. Colleen Dodge, Sacramento, Calif.	64
Norine Bardill, Ft. Lauderdale, Fla.	57
9. Vicki Vance, Sacramento, Calif.	56
10. Linda Barnett, Houston, Texas.	55
11. Martha Ann Williams, Long Beach, Calif.	56
12. Carol Wilkinson, W. Palm Beach, Fla.	54
13. Sara Parkey, Wichita Falls, Texas.	45

1958 Girls' Tricks

	Points
1. Vicki Van Hook, Long Beach, Calif.	1573
2. Janelle Kirtley, Birmingham, Ala.	1175.5
3. Colleen Dodge, Sacramento, Calif.	1170.5
4. Vicki Vance, Sacramento, Calif.	1048.5
5. Martha Ann Williams, Long Beach, Calif.	1038.5

- Norine Bardill, Ft. Lauderdale, Fla.
- Gwen Huston, Barksdale, La.
- Kathy Rayside, W. Palm Beach, Fla.
- Sara Parkey, Wichita Falls, Texas.
- Barbara Cooper, Lakeland, Fla.
- Linda Barnett, Houston, Texas.
- Carol Wilkinson, W. Palm Beach, Fla.

1958 Girls' Slalom

- Vicki Van Hook, Long Beach, Calif.
- Janelle Kirtley, Birmingham, Ala.
- Martha Ann Williams, Long Beach, Calif.
- Jenny Hodges, Birmingham, Ala.
- Colleen Dodge, Sacramento, Calif.
- Vicki Vance, Sacramento, Calif.
- Barbara Cooper, Cypress Gardens, Fla.
- Gwen Huston, Barksdale, La.
- (Tie) Norine Bardill, Ft. Lauderdale, Fla.
Sara Parkey, Wichita Falls, Texas
- Kathy Rayside, W. Palm Beach, Fla.
- Linda Barnett, Houston, Texas
- Jane Stephens, W. Palm Beach, Fla.
- Carol Wilkinson, W. Palm Beach, Fla.
- Charlene Morehouse, Elkhart, Ind.

1958 Veterans' Jumping

	Distance
1. Jack Killilea, New Orleans, La.	85
2. William V. Goodhue, N. Kingston, R. I.	83
3. Paul Boel, Detroit, Mich.	81
4. Floyd Vance, Sacramento, Calif.	85
5. Cecil Herren, Channelview, Texas.	74
6. Bill Trudgeon, Laconia, N. H.	76
7. Hal Roberts, San Diego, Calif.	79
8. H. H. Rayside, W. Palm Beach, Fla.	70
9. Henry Holmes, W. Palm Beach, Fla.	70
10. Clayton P. Gatterdam, Ft. Worth, Texas.	74
11. Louis A. Washer, St. Petersburg, Fla.	66
12. Louis R. Cobb, Jr., Jacksonville, Fla.	64
13. Jim Middlebrook, Sarasota, Fla.	69
14. Johnny DeMiller, W. Palm Beach, Fla.	62
15. Gilbert Burnes, Justin, Texas.	58
16. Edward W. Gill, Miami, Fla.	64
17. Jack Andresen, Jr., Greenwood Lake, N. Y.	52
18. Joseph H. Templeton, Owego, N. Y.	53
19. Walter Neuron, Columbus, Ohio.	48
20. Gordon Bourland, Jr., Ft. Worth, Texas.	43
21. Paul Solberg, Jersey City, N. J.	41
22. Billie J. D. Dickson, Burbank, Calif.	41

1958 Veterans' Tricks

	Points
1. Jack Andresen, Greenwood Lake, N. Y.	1201.5
2. Jack Killilea, New Orleans, La.	1155
3. Dr. Thomas Daly, W. Palm Beach, Fla.	863.5
4. Joseph H. Templeton, Owego, N. Y.	840
5. Ernest J. Maiers, Denver, Colo.	829.5
6. Jesse Rambo, Orange, Texas.	816.5
7. Walter Neuron, Columbus, Ohio.	763.5
8. Johnny DeMiller, W. Palm Beach, Fla.	730
9. Clayton P. Gatterdam, Ft. Worth, Texas.	719
10. Floyd H. Vance, Sacramento, Calif.	498
11. Gordon Bourland, Jr., Ft. Worth, Texas.	474
12. Edward W. Gill, Miami, Fla.	420
13. Robert Park, Hoopeston, Ill.	286.5
14. H. H. Rayside, W. Palm Beach, Fla.	226
15. Billie J. Dickson, Burbank, Calif.	215
16. Hal Roberts, San Diego, Calif.	206
17. Dr. Edgar Stephens, W. Palm Beach, Fla.	164
18. Rollie Williams, Elkhart, Ind.	105
19. Lee Sutherland, Short Hills, N. J.	90
20. Paul Solberg, Jersey City, N. J.	50

1958 Veterans' Slalom

- Jack Andresen, Greenwood Lake, N. Y.
- Floyd H. Vance, Sacramento, Calif.
- Johnny DeMiller, W. Palm Beach, Fla.
- Bill Trudgeon, Laconia, N. H.
- Dr. Hugh Dortch, Jr., W. Palm Beach, Fla.
- Jack Killilea, New Orleans, La.

- Edward W. Gill, Miami, Fla.
- Hal Roberts, San Diego, Calif.
- Walter Neuron, Columbus, Ohio
- Henry Holmes, W. Palm Beach, Fla.
- Gordon Bourland, Jr., Ft. Worth, Texas
- Louis R. Cobb, Jr., Jacksonville, Fla.
- James L. Smith, Jr., Hamilton, Ohio
- Clayton P. Gatterdam, Ft. Worth, Texas
- Billie J. Dickson, Burbank, Calif.
- Jim Middlebrook, Sarasota, Fla.
- Joseph Templeton, Owego, N. Y.
- William V. Goodhue, N. Kingston, R. I.
- Dr. Tom Daly, W. Palm Beach, Fla.
- Paul Solberg, Jersey City, N. J.
- Jesse Rambo, Orange, Texas
- Robert Park, Hoopeston, Ill.
- H. H. Rayside, W. Palm Beach, Fla.
- W. W. Allen, Lubbock, Texas
- Ernest J. Maiers, Denver, Colo.

Mixed Doubles Event

- Norine Bardill—Joe Grimaldi
- Cathy Vogel—Eddie Mayhew
- Martha Ann Williams—Chuck Stearns

Governor's Trophy

Governor's Trophy this year was awarded to the region whose skiers compiled the highest total of points in the tournament and are as follows:

	Points
1. Southern Region.	35,884.5
2. Western Region.	27,841
3. South Central Region.	23,327
4. Eastern Region.	10,199
5. Mid-Western Region.	8,910.5

Michigan State Meet Held at Milford

Men's Division: Jumping—Tony Mitchell, first; Bill Hart, second; Bob Rerucha, third; Dick Woodworth, fourth; Joe Chirco, fifth. **Tricks**—Ron Eby, first; Bill Weaver, second; Arthur Olmstead, third; Joe Grimaldi, fourth; Jerry Landenau, fifth. **Slalom**—Bill Riskey, first; Dave Lake, second; Ray Fullerton, third; Bill Willis and Charles Danby, fourth.

Women's Division: Jumping—Arlene Carter, first; Marilyn Hickson, second; Alice Shotwell, third; Joan Fitterling, fourth; Betty Comiskey, fifth. **Tricks**—Joan Fitterling, first; Arlene Carter, second; Alice Shotwell, third. **Slalom**—Ruth Painter, first; Alice Shotwell, second; Marilyn Hickson, third; Betty Comiskey, fourth; Joan Fitterling, fifth.

Boys' Division: Jumping—Scott Smith, first; Bill Rerucha, second; John Gronberg, third; Ken Obert, fourth; John Pierce, fifth. **Tricks**—Jim Conboy, first; Ken Obert, second; Jim Dowsett, third; Scott Smith, fourth; Dave Panks, fifth. **Slalom**—Phil Willis, first; Terry Warren, second; Ken Obert, third; Stephen Rutz, fourth; Spennie Bishop, fifth.

Girls' Division: Jumping—Joanne Burgie, first; Nancy Messler, second; Sharon Young, third; Jody Crandall, fourth. **Tricks**—Sharon Young, first; Nancy Messler, second. **Slalom**—Joanne Burgie, first; Vickie Sheriff, second; Sandra Goldman, third; Nancy Messler, fourth; Sharon Young, fifth.

Veterans' Division: Jumping—Paul Boel, first; Bud Warren, second; Fr. Davis, third; Jim Cole, fourth; Gordon Crandall, fifth. **Tricks**—Fr. Davis, first; Jim Cole, second; Lee Messler, third; **Slalom**—Bud Warren, first; Fr. Davis, second; Paul Boel, third; Howard Sheriff, fourth; Gordon Crandall, fifth.

The Perfect Jump

By Walt Prince

In 1924, according to Dick Pope's new book, "Water Skiing," Fred Waller took the world's first ride on a pair of water skis. In 1956, 32 years later, I made what I believe to be the first published estimate of the maximum distance that might be obtained by a water skier jumping over a six-foot wooden ramp at 35 m.p.h. The distance was 150 feet.

The estimate was not based upon any sound theories or formulas, rather by observation and, it now seems, rash assumption.

At that time, the world record for jumping was held by a 19-year-old skier from Cypress Gardens, Fla. The skier, Alvin "Butch" Rosenberg, had entered the 1955 National Water Ski Championships and shattered the then-existing record of 116 feet with an "impossible" 125-foot leap through the air. Well-earned praise was lavished on the deserving young skier, for he had accomplished the difficult feat using a new and extremely dangerous style of "approaching" the wooden ramp.

Double Wake Cut

The method, still neither developed nor perfected, was called the "double wake cut." Some skiers soberly referred to it as the "suicide cut," for if the jumper miscalculated his timing by even a fraction of a second, he would crash into the side of the wooden ramp at a speed of 50 m.p.h. Let us take a close look at the radical "double wake cut" and attempt to determine what advantages, if any, it offers a water skier.

The first jumps were rather mild, especially when compared to today's spectacular 100-plus foot leaps. A speedboat towing a skier would pass close to either side of the ramp and the skier, traveling between the

wake and the jump, would turn gradually and ski over the wooden surface. As time passed, a few more daring skiers began the turn (also called the "cut" or "approach") from the center of the boat wake, thus gaining more speed on their journey across the water.

AWSA regulations covering the jumping event during a ski tournament are simple and to the point. They state, in part, that the speedboat pulling the skier shall reach a speed of not more than 36 m.p.h., nor less than 34 m.p.h., and shall travel in a straight line parallel to the sides of the ramp. The regulations further stipulate that the towline used shall be 75 feet in length and that the ramp shall be six feet above the water at the highest, or "take-off" point.

Speed of Skier

Although the regulations specify the speed of the boat, they say nothing about the speed of the skier. And the speed of the skier, as we shall see, is an important factor in determining the "maximum" jump.

A formula for computing "maximums" was developed in 1955 by James Hubbard ("Skiing Arithmetic," THE WATER SKIER, Vol. 5, No. 4, 1955). Setting the Hubbard formula to work and using 35 m.p.h. as the velocity of the skier at the precise moment he leaves the ramp and becomes airborne, we find that the maximum distance obtainable while adhering to present AWSA regulations is 109 feet. But if we increase the velocity of the jumper at the top of the ramp, we add more time in the air and distance to his jump.

Skiers knew instinctively that increased velocity meant longer jumps, but were

uncertain as to how to obtain this greater velocity, or "push" from the ramp. Certain factors, such as boat speed and height of the ramp, were predetermined and these factors seemed to be the ones that would make the big difference. Many theories were formulated, then quickly discarded.

The problem went unsolved until one sunny afternoon in 1953, when Miami Beach skier Dave Craig "cracked the whip" while skiing behind his boat in Biscayne Bay. "Cracking the whip" is a simple maneuver which allows a skier to move more rapidly than the boat towing him. If the skier, for example, moves to the extreme right side of the boat just as the driver makes a sharp left turn, centrifugal force will actually push the skier faster than the boat pulls. Some skiers even find themselves passing the stern of the boat and coming abreast of the driver if the "whip" is sufficiently great!

Cracking the Whip

What marked this particular afternoon was not the "whip cracking," but that Craig suddenly realized he could apply the same principle of centrifugal force to jumping. Thus, he would arrive at the ramp at a much greater speed than the usual 35 m.p.h.

At the time, most jumpers traveled behind the boat 35 or 40 feet from the side of the ramp then "cut" about 50 or 75 feet before their skis touched the bottom of the incline. Using this style of approach, a good skier could pick up eight miles an hour before reaching the jump.

Craig reasoned that if a certain amount of speed could be gained by "cutting" 40 feet from the jump, then twice as much speed (16 m.p.h.) should be gained by starting the approach from 80 feet out.

But the towline was only 75 feet long! Obviously it was impossible to stretch 80 feet from a 75-foot towline! Only one thing was left. Start the cut 40 feet to the right of the boat, "dig in" hard and shoot across both wakes on the approach. The

conclusion was obvious and the double wake cut was born!

Craig applied the new idea during a few practice runs and was delighted to find himself jumping further than he had in the past. I drove the boat for him as he experimented over and over again, directing me to travel "parallel, but farther away from the ramp." His first "double cut" runs were made as the boat moved in a straight line 25 feet away from the ramp and that distance was gradually increased until 40 feet of water separated the boat and the platform.

Like so many other good skiers who find better methods of skiing, Craig passed on his new discovery at once.

Timing Important

Describing the double wake cut and putting it into actual practice are two entirely different matters. If a skier cuts across both wakes and plans to jump, he must judge his cut so that, at the end of his arc, he will have arrived precisely at the lower right-hand corner of the ramp. If his timing is off by the merest fraction, he will miss the corner and collide with the ramp at more than 50 m.p.h.! Completing the tricky maneuver successfully has been compared with attempting to thread a needle which is moving past you at 10 m.p.h.

The maximum "approach" presently used by any jumper is 90 feet. The boat travels "in the slot" 50 feet away from the ramp and the skier begins his cut from a spot 40 feet to the right side of the boat. This 90-foot cut gives a good skier a velocity of 50 m.p.h. as he sails over the ramp and, according to Hubbard's calculations for "maximums," a jump of 128 feet is possible if the skier attains a velocity of 50 m.p.h. at the takeoff point.

Using the double wake cut with a velocity of 50 m.p.h., two skiers, Joe Cash and Alan Bromberg, broke Butch Rosenberg's 1955 record and co-held the world jumping mark of 126 feet during 1957.

And on June 22 of this year, Buster McCalla, another 19-year-old skier from Cypress Gardens, broke the Cash-Bromberg record with a leap of 127 feet during the Festival of the Americas Water Ski Championship held at Miami, Fla. Although it would seem that Buster McCalla is only 12 inches away from Hubbard's "perfect jump," further calculations show that he apparently is not.

Charles Tilgner, Jr., an aerodynamicist who is an avid water skier, has worked out a formula which adds even more distance to Hubbard's "maximum." Tilgner shows us ("An Open Letter to Larry Brown," THE WATER SKIER, Vol. 8, No. 1, 1958) that a skier can use principles of aerodynamics while actually in the air and increase the distance covered during his leap by 33 per cent.

Using Tilgner's formula in conjunction with Hubbard's, we find that a skier using a 90-foot approach can, under ideal conditions, jump 171 feet!

And 90 feet is not the ultimate in "approaches," for, using a double wake cut with a 120-foot approach, the skier may obtain a velocity of 60 m.p.h. In this situation, the boat would travel "in the slot" 60 feet from the ramp and the jumper would ski 60 feet to the right side of the boat. The "perfect jump" under these conditions would cover a distance of 187 feet! And under existing AWSA regulations, 187 feet appears to be the ultimate the "perfect jump."

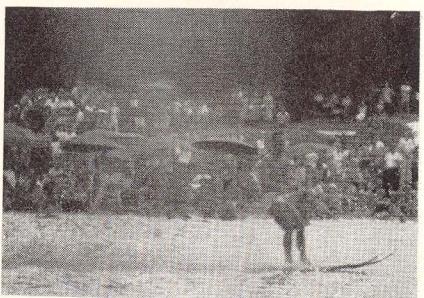
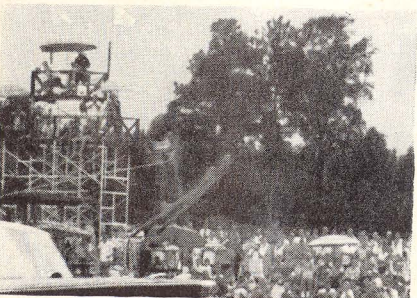
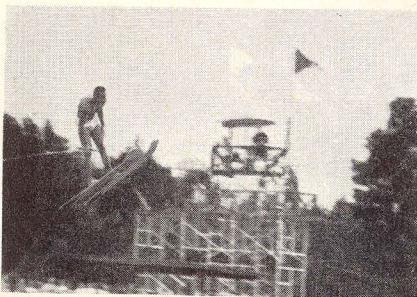
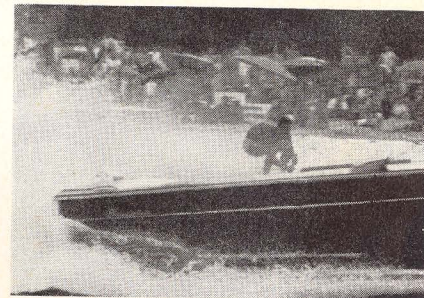
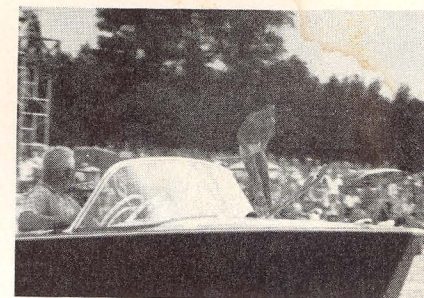
What will be necessary for a skier to travel 187 feet through the air? Perhaps the most important factor will be the skier's own nerve.

A slight headwind (for maximum planing benefits while airborne), perfectly calm water (choppy water at 60 m.p.h. feels to a skier like cobblestones to a roller skater), and a boat driver who can hold a steady course are essential. Other than that, nothing is stopping anyone from stepping into a pair of water skis and making the "perfect jump."

Big Jump!



Here, taken by a sequence camera at the National Water Ski Tournament, are some of the most unusual water ski photos ever taken. The camera follows Joe Cash as he takes off and completes the longest jump ever made by man. Study his style, you jumpers!



Getting a Beginner Over the Jump

By Bob Triplett

Getting a beginner to try the jump is somewhat like getting him to walk along the edge of a precipice blindfolded, with a time bomb in each hand, or like getting her to stick her pretty head in a starving lion's mouth while poking the beast with a forked stick. He or she is dead sure of one thing: Somebody is going to get clobbered and it isn't going to be the jump!

Fear of the unknown enters drastically into the picture, particularly if the skier has ever approached the jump in an experimental mood—not intending to go over it—just to see what was there. He saw what was there and it was the biggest barn door he had ever seen—a miniature Mt. Everest—and he didn't feel one bit like Tensing Norkey or that Australian beekeeper, recently knighted (whose name escapes me) who also made it to the top of Everest.

So the instructor has the problem of getting the beginner to overcome his fear of the jump and the all important problem of trying to get the novice over the ramp and land him on his feet the first time so that his first try will not be his last. For if the beginner can just ascertain for himself, by actual trial, that it is not a necessity that he fall on the jump, land on his side in the water, do a barrel roll, and commit other forms of mayhem on himself in the process of learning, his interest in jumping will be immeasurably increased.

My method of teaching jumping at the St. Mary's Water Ski Club is keyed to a successful first attempt—no rib shaking crash landings in the water on the maiden voyage! It has worked successfully with about 25 skiers. Only two have failed to land on their feet in the water the first time over the ramp. And of these two, only one has failed to keep on jumping until successful and she wasn't hurt. The method is as follows:

First, give the skier beach instruction

by telling him how to approach the jump and showing him how to position his weight equally on his two feet. Take a blanket, or other object shaped like the jumping surface, and point out that the boat will pass about 20 feet on the right, with the skier aiming for the center line of the jump in a path parallel to the boat path which is, of course, parallel to the jump itself. Point out to the skier that, normally, if he came into the jump in a straight line, he would be leaning slightly to the left to counteract the sideways pull of the boat which is passing on the right side of the jump (for some of our Texas friends, the boat would be passing on the left side with the skier leaning to the right). Tell the skier that, in order to prevent a side slide on the jump, with his skis popping out from under him to the right, he must force himself to put exactly half his weight on each foot and position his head in the middle. He should visualize two other lines, 10 inches to either side of the center line, parallel to the center line. The nose should aim for the center line and the two feet should aim for the two outside tracks. Tell the skier that the minute he hits the jump he should think of only one thing: Keeping his feet roughly on those tracks and keeping the weight equally balanced on each foot, head in the middle. Tell him not to raise up to see where he is going, not to lean back, or to lean to right or left—just to freeze and follow the street car tracks with the weight equally balanced. If he does this, he will land on his feet in the water.

The skier will of course ask a million other questions. If he wants to know what to do with his tow line, tell him to hang on to it unless he falls. If he asks what to do after he lands in the water, tell him just to ski off behind the boat. In other words, don't confuse him with too many things to think about. Keep his mind centered

on the one important rule of success—keeping his weight equally balanced on both feet.

Now there is a certain amount of preliminary practice that should precede trying the jump. A skier should practice jumping the boat wake and lifting his toes up in the air while he is in the air and laying the skis neatly down in the water on the other side of the wake. This enables the skier's feet to acquire control of the skis instead of having the skis control the feet. Also if the skier has been skiing on only one ski in the weeks and months preceding his first try at the jump, he should go back to a bit of two-ski skiing before climbing Mt. Everest.

Many ski instructors teach their beginning skiers to angle the jump, following after the boat instead of coming into the jump on the center line. I don't like this method of instruction because it is harder for the beginner to keep his weight equally balanced on each foot. The jumping surface appears slanted down hill to the right as he comes into it and it is confusing to him.

Oh, yes. I forgot that one all-important rule of jumping. As in dropping a ski for the first time, it helps to have a member of the opposite sex there watching you while you learn. We male animals thrive on female adulation. And vice versa.

AWSA Meeting (Continued)

ing, was considered by the board and a resolution passed that a new study committee should be formed to discuss and decide on this problem for the ensuing year. A resolution for the establishment of a senior women's division was discussed, but voted down.

The names of the various divisions in water skiing competition were revised, following recommendations made at the general membership meeting. Divisions now will be known as the boys' division, the girls' division, the men's division, the senior men's division and the women's division.

Members from the state of Mississippi at the general membership meeting recommended that Mississippi be withdrawn from the Southern region and placed in the South-Central region. At the Board of Directors meeting a good deal of geographical controversy ensued and just before a vote was finally taken, Will Crews Morris noted that it was the first time he had ever seen someone from Georgia, in this case Bo Callaway, opposed to secession. It was decided by a very narrow vote that the state of Mississippi would be withdrawn from the Southern region and placed in the South-Central region.

Three bids were submitted for the 1959 National Water Ski Tournament. They came from the town of Laconia, N. H.; from the Dells, Baraboo, Wis.; and the Lake Sherwood Ski Club of Milford, Mich. Several other bids were expected to be entered in a short time and for that reason, the bidding was not closed and no decision was made.

Results of New Jersey State Championships

Men's Division: Jumping—Jon Holcombe, first; Stew Leonard, second; Stan Pearlman, third; Philip Bowers, Jr., fourth; Gee Spivak, fifth. **Tricks**—Jon Holcombe, first; Warren Witherell, second; Louis Abel, third; Stew Leonard, fourth; Frank Manson, fifth. **Slalom**—Warren Witherell, first; Jon Holcombe, second; John Abel, third; Gee Spivak, fourth; Stew Leonard, Philip Bowers, Jr., and Bruce Modes, fifth.

Women's Division: Slalom—Mary Andresen first; Mary Stout, second; Sandra Lee Lyon, third; Carol Craig, fourth; Ruth Wasli, fifth.

Boys' Division: Jumping—Larry Korb, first; Robert Lilly, second; John Downey, Jr., third; Elmer Blumel, Jr., fourth; Ray Sullivan, fifth. **Tricks**—Larry Korb, first; Robert Lilly, second; John Downey, Jr., third. **Slalom**—Robert Lilly, first; Larry Korb, second; John Downey, Jr., third; Albert Naef, fourth; James Thalmann, fifth.

Girls' Division: Jumping—Janet Blumel, first; Dickie Ann Hoyt, second. **Tricks**—Dickie Ann Hoyt, first; Sandra Lee Lyon, second; Karen Zetka, third. **Slalom**—Diane Salvidge, first; Janet Blumel, second; Dickie Ann Hoyt, third; Diane Hoyt, fourth; Karen Zetka, fifth.

Veterans' Division: Jumping—Jack Andresen, first; Robert Triplett, second; Paul Solberg, third; Lee Sutherland, fourth. **Tricks**—Jack Andresen, first; Lee Sutherland, second. **Slalom**—Jack Andresen, first; Paul Solberg, second; Lee Sutherland, third; Robert Triplett, fourth; Walter Pritch, fifth.

Southern Regional Tournament

Men's Division: Overall—Joe Cash, first; Mike Osborn, second; Simon Khoury, third. **Jumping**—Joe Cash, first; Mike Osborn, second; Jim Rusing, third; Buster McCalla, fourth; Simon Khoury, fifth. **Tricks**—Mike Osborn, first; Joe Cash, second; Wm. R. Stevenson, third; Larry Sheppard, fourth; Simon Khoury, fifth. **Slalom**—Joe Cash, first; Red Davies, second; Buster McCalla, third; Chuck Emry, fourth; James W. Jackson, fifth.

Women's Division: Overall—Nancie Rideout, first; Connie Der, second; Mary Bentz, third. **Jumping**—Nancy Rideout, first; Connie Der, second; June Joyce King, third; Bunny Bright, fourth; Mary Bentz, fifth. **Tricks**—Nancie Rideout, first; Connie Der, second; Mary Bentz, third; Joan Smith, fourth. **Slalom**—Nancie Rideout, first; Connie Der, second; Mary Bentz, third; Joan Smith, fourth; Leona Kirtley, fifth.

Boys' Division: Overall—Geoffrey Wolfe, first; Bobby Kirtley, second; Roger Ray, third. **Jumping**—Roger Ray, first; Hardy Vick, second; Bobby Willis, third; John Holmes, fourth; Bobby Kirtley, fifth. **Tricks**—Geoffrey Wolfe, first; Bobby Kirtley, second; Jimmy Miles, third; Hardy Vick, fourth; Roger Ray, fifth. **Slalom**—Howard Ennis, first; Roger Ray, second; Hardy Vick, third; Bobby Kirtley, fourth; Geoffrey Wolfe, fifth.

Girls' Division: Overall—Janelle Kirtley, first; Barbara Cooper, second; Kathy Rayside, third. **Jumping**—Barbara Cooper, first; Janelle Kirtley, second; Kathy Rayside, third; Carol Wilkinson, fourth. **Tricks**—Janelle Kirtley, first; Barbara Cooper, second; Kathy Rayside, third; Jane Stevens, fourth; Carol Wilkinson, fifth. **Slalom**—Janelle Kirtley, first; Kathy Rayside, second; Barbara Cooper, third; Carol Wilkinson, fourth; Jane Stevens, fifth.

Veterans' Division: Overall—Henry Holmes, first; William Clifford, second; Edward Gill, third. **Jumping**—Ray Rayside, first; Bill Martin, second; L. A. Washer, third; Henry Holmes, fourth; Louis Cobb, Jr., fifth. **Tricks**—William Clifford, first; Henry Holmes, second; Edward Gill, third; Ray Rayside, fourth; Edgar Stevens, fifth. **Slalom**—Henry Holmes, first; Hugh Dortch, second; Bill Martin, third; William Clifford, fourth; Edward Gill, fifth.

Optimist Boys' Division: Overall—Butch King, first; Joker Osborn, second; David Holmes, third. **Jumping**—David Holmes, first; Butch King, second; Joker Osborn, third. **Tricks**—Butch King, first; Joker Osborn, second; Warren Wolfe, third. **Slalom**—Joker Osborn, first; Teddy Neuwelner, second; David Holmes, third.

Optimist Girls' Division: Overall—Arlene Surgeon, first; Kandy Bright, second. **Jumping**—Pam Furnell, first; Arlene Surgeon, second; Kandy Bright, third. **Tricks**—Jane Sue Wolfe; Arlene Surgeon, second; Kathy Vogel, third. **Slalom**—Kathy Vogel, first; Pam Furnell, second; Kandy Bright, third.

Midwest Regionals

Men's Division: Jumping—Phil Bradley, first; Jerry Landenau, second; Bill Hart, third; Chuck Bradford, fourth; Ray Fullerton, fifth. **Tricks**—Glenn Oak, first; Bill Vesey, second; Phil Bradley, third; Art Olmstead, fourth; Joe Grimaldi, fifth. **Slalom**—Ray Huber, first; Glenn Oak, second; Bill Bilbie, third; Bill Riskey, fourth; Bill Vesey, fifth.

Women's Division: Jumping—Nancie Scheidt, first; Arlene Carter, second; Laurie Feeley, third; Su Maurer, fourth; Sharon Williams, fifth. **Tricks**—

Su Maurer, first; Nancy Scheidt, second; Arlene Carter, third; Sharon Williams, fourth; Mary Felto, fifth. **Slalom**—Su Maurer, first; Sue Morganthaler, second; Sharon Williams, third; Nancy Scheidt, fourth; Laurie Feeley, fifth.

Boys' Division: Jumping—Terry Nergaard first; Bob Juhl, second; Scott Smith, third; Bill Crotty, fourth; Dave Eckrich, fifth. **Tricks**—Dave Eckrich, first; Kenneth Obert, second; Terry Nergaard, third; Jim Dowsett, fourth; Bob Juhl, fifth. **Slalom**—Phil Willis, first; Terry Warren, second; Mike Marolf, third; Bill Crotty, fourth; Bob Juhl, fifth.

Girls' Division: Jumping—Norine Bardill, first; Joan Spalding, second; Joanne Burgie, third; Charlene Morehouse, fourth. **Tricks**—Norine Bardill, first; Joan Spalding, second; Charlene Morehouse, third; Jan Grumme, fourth. **Slalom**—Norine Bardill, first; Vickie Sheriff, second; Joan Spalding, third; Joanne Burgie, fourth.

Veterans' Division: Jumping—Paul Boel, first; Bud Warren, second; Jim Smith, third; Robert Park, fourth; Walter Neuron, fifth. **Tricks**—Walter Neuron, first; Fr. Davis, second; Rollie Williams, third; Robert Park, fourth; Jim Smith, fifth. **Slalom**—Bud Warren, first; Jim Smith, second; Fr. Davis, third; Walter Neuron, fourth; Robert Park, fifth.

Veteran Women's Division: Slalom—Marion Ensminger, first; Else Thomas, second; Betty Comiskey, third; Gloria Lake, fourth.

Western Regionals

Men's Division: Overall—Chuck Stearns, first; Lon Skinner, second; Jack Horton, third. **Jumping**—Chuck Stearns, first; Mary Rothenberg, second; Jack Horton, third; Dave Holmes, fourth; Mark Taggart, fifth. **Tricks**—Chuck Stearns, first; Bill Barlow, Jr., second; Jack Horton, third; Dave Holmes, fourth; Lon Skinner, fifth. **Slalom**—Chuck Stearns, first; Mark Taggart, second; Lon Skinner, third; Knut Hauge, fourth; Erik Giese, fifth.

Women's Division: Overall—Gloria Abben, first; Carol Van Wyk, second; Elva Swoffer, third. **Jumping**—Carol Van Wyk, first; Gloria Abben, second; Elva Swoffer, third. **Tricks**—Gloria Abben, first; Elva Swoffer, second; Georgia Fox, third; Carol Van Wyk, fourth. **Slalom**—Carol Van Wyk, first; Jane Van Wyk, second; Gloria Abben, third; Elva Swoffer, fourth; Beverly Minor, fifth.

Boys' Division: Overall—Fred Pendlebury, first; Larry Penacho, second; Ni Orsi, Jr., third. **Jumping**—Fred Pendlebury, first; Ni Orsi, Jr., second; Larry Penacho, third; Lance Lembeck, fourth; Doug Bollam, fifth. **Tricks**—Larry Penacho, first; Fred Pendlebury, second; Ni Orsi, Jr., third; Lance Lembeck, fourth; Doug Bollam, fifth. **Slalom**—Fred Pendlebury, first; Mike Dixon, second; Larry Penacho, third; Ni Orsi, Jr., fourth; Gary Eames, fifth.

Girls' Division: Overall—Vicki Van Hook, first; Martha Ann Williams, second; Vicki Vance, third. **Jumping**—Vicki Van Hook, first; Colleen Dodge, second; Vicki Vance, third; Martha Ann Williams, fourth. **Tricks**—Vicki Van Hook, first; Martha Ann Williams, second; Vicki Vance, third; Colleen Dodge, fourth. **Slalom**—Vicki Van Hook, first; Colleen Dodge, second; Martha Ann Williams, third; Vicki Vance, fourth; Carol Eames, fifth.

Veterans' Division: Overall—Wally Pallack, first; Joe Balcoa, second; Floyd Vance, third. **Jumping**—Joe Balcoa, first; Wally Pallack, second; Floyd Vance, third; Bill Morris, fourth; Ernie Maiers, fifth. **Tricks**—Wally Pallack, first; Bill Morris, second; Ernie Maiers, third; Floyd Vance, fourth; Joe Balcoa, fifth. **Slalom**—Joe Balcoa, first; Wally Pallack, second; Floyd Vance, third; Al Eames, fourth; Hal Roberts, fifth.

South Central Regionals

Men's Division: Overall—Glenn Sperry, first; Jerry Vincent, second; Buddy Rupe, third. **Jumping**—LeRoy Herren, first; Jerry Vincent, second; Gary Creighton, third; Clinton Stephenson, fourth; Glenn Sperry, fifth. **Tricks**—Glenn Sperry, first; Jerry Vincent, second; Buddy Rupe, third; Johnny Joseph, fourth; LeRoy Herren, fifth. **Slalom**—William Dreyer, first; Ray Standley, second; Jerry Vincent, third; Glenn Sperry, fourth; Johnny Joseph, fifth.

Women's Division: Overall—Bonnie Perkins, first; Jeanie McDougald, second; Carole Martin, third. **Jumping**—Jeanie McDougald, first; Bonnie Perkins, second; Lou Blackwell, third; Margaret Spradling, fourth; Carole Martin, fifth. **Tricks**—Bonnie Perkins, first; Carole Martin, second; Paula Vance, third; Geri Killilea, fourth; Jeanie McDougald, fifth. **Slalom**—Jeanie McDougald, first; Carole Martin, second; Bonnie Perkins, third; Margaret Spradling, fourth; Paula Vance, fifth.

Boys' Division: Overall—Skip Fox, first; Penny Baker, second; Randy Vance, third. **Jumping**—Skip Fox, first; Penny Baker, second; Speedy Hart, third; John Stinson, fourth; Jeraan Hooten, fifth. **Tricks**—Skip Fox, first; Penny Baker, second; Randy Vance, third; Pete Sides, fourth; Tom Walker, fifth. **Slalom**—Skip Fox, first; Douglas Barnett, second; Petie Hammond, third; Tom Walker, fourth; Randy Vance, fifth.

Girls' Division: Overall—Gwen Huston, first; Sara Parkey, second; Linda Barnett, third. **Jumping**—Gwen Huston, first; Linda Barnett, second; Sara Parkey, third. **Tricks**—Gwen Huston, first; Sara Parkey, second; Linda Barnett, third. **Slalom**—Gwen Huston, first; Sara Parkey, second; Linda Barnett, third; Silvia Harding, fourth.

Veterans' Division: Overall—Jack Killilea, first; Clayton Gatterdam, second; Jesse Rambo, third. **Jumping**—Cecil Herren, first; Clayton Gatterdam, second; Jack Killilea, third; Gilbert Burnes, fourth; Gordon Bourland, fifth. **Tricks**—Jack Killilea, first; Clayton Gatterdam, second; Jesse Rambo, third; Gordon Bourland, fourth. **Slalom**—Woody Allen, first; Jack Killilea, second; Gordon Bourland, third; Clayton Gatterdam, fourth; Jesse Rambo, fifth.

Eastern Regionals

Men's Division: Jumping—Jon Holcombe, first; Ralph Cantin, second; Stew Leonard, third; Jack Beattie, fourth; Phil Rowan, fifth. **Tricks**—Jon Holcombe, first; Stew Leonard, second; John Gardella, third; Louis Abel, fourth; Frank Manson, fifth. **Slalom**—Warren Witherell, first; Jon Holcombe, second; Stew Leonard, third; Ralph Cantin, fourth; John Abel and Gee Spivak, fifth.

Women's Division: Tricks—Jane Bailey, first; Sandra Lee Lyon, second; Mimi Cozzens, third; Laura Cocks, fourth. **Slalom**—Jane Bailey, first; Sandra Lee Lyon, second; Mary Stout, third; Laura Cocks, fourth; Eileen Ciarlo, fifth.

Boys' Division: Jumping—Laurence Korb, first; Teddy Morris, second; Dick Smith, third; Mike Leahy, fourth; Irvin Piehler, fifth. **Tricks**—Teddy Morris, first; Robert Lilly, second; Laurence Korb, third; Charley Witherell, fourth; Robert Klepfer, fifth. **Slalom**—Robert Lilly, first; Teddy Morris, second; Laurence Korb, third; Charley Witherell, fourth; Tom Downey and Dick Foster, fifth.

Girls' Division: Jumping—Sue Longstaff, first; Janice Foster, second; Linda Smith, third; Dickie Ann Hoyt, fourth; Diane Salvidge, fifth. **Tricks**—Sue Longstaff, first; Dickie Ann Hoyt, second; Janice Foster, third. **Slalom**—Janice Foster, first;

Sue Longstaff, second; Ann Ordway, third; Diane Salvidge, fourth; Linda Smith, fifth.

Veterans' Division: Jumping—Bill Goodhue, first; Bill Trudgeon, second; Mike Hickey, third; Joe Templeton, fourth; John Bailey, fifth. **Tricks**—Joe Templeton, first; Lee Sutherland, second; Bill Goodhue, third; Paul Solberg, fourth. **Slalom**—Bill Trudgeon, first; Bill Goodhue, second; Paul Solberg, third; Joe Templeton, fourth; Mike Hickey, fifth.

Florida State Championships

Men's Division: Overall—Joe Cash, first; Simon Khoury, second; Jerry Imber, third. **Jumping**—Joe Cash, first; Buster McCalla, second; Simon Khoury, third; Nathan Travassos, fourth; David Craig, fifth. **Tricks**—Joe Cash, first; Roland Davies, second; James Jackson, third; Jerry Imber, fourth; Buster McCalla, fifth. **Slalom**—Simon Khoury, first; Joe Cash, second; Jerry Imber, third; Roland Davies, fourth; James Jackson and Sandy Reynolds, fifth.

Women's Division: Overall—Nancie Rideout, first; Mary Bentz, second; Lorena Bennington, third. **Jumping**—Nancie Rideout, first; Blanche Simmons, second; Mary Bentz, third; Lorena Bennington, fourth. **Tricks**—Nancie Rideout, first; Mary Bentz, second; Joan Sauer, third; Lorena Bennington, fourth; Ida Hewes, fifth. **Slalom**—Nancie Rideout, first; Mary Bentz, second; Joan Sauer, third; Patsy Hudgens, fourth; Joan Bell, fifth.

Boys' Division: Overall—Geoffrey Wolfe, first; Hardy Vick, second; Howard Ennis, third. **Jumping**—Roger Ray, first; Hardy Vick, second; Geoffrey Wolfe, third; Mike Morra, fourth; Jimmy Cash, fifth. **Tricks**—Geoffrey Wolfe, first; Hardy Vick, second; Mike Morra, third; Johnny Holmes, fourth; Howard Ennis, fifth. **Slalom**—Hardy Vick, first; Johnny Holmes, second; Howard Ennis, third; Tommy Daly, fourth; Mike Morra, fifth.

Girls' Division: Overall—Barbara Cooper, first; Kathy Rayside, second; Carol Wilkinson, third. **Jumping**—Barbara Cooper, first; Kathy Rayside, second; Carol Wilkinson, third. **Tricks**—Kathy Rayside, first; Barbara Cooper, second; Jane Stephens, third; Carol Wilkinson, fourth. **Slalom**—Barbara Cooper, first; Kathy Rayside, second; Carol Wilkinson, third; Marcia Hart, fourth; Jane Stephens, fifth.

Veterans' Division: Overall—Henry Holmes, first; Ed Gill, second; Ray Rayside, third. **Jumping**—Ray Rayside, first; Henry Holmes, second; L. A. Washer, third; Earl Hollowell, fourth; Louis Cobb and Jim Middlebrook, fifth. **Tricks**—Henry Holmes, first; Edgar Stephens, second; Ed Gill, third; Tom Daly, fourth; Ray Rayside, fifth. **Slalom**—Hugh Dortch, first; Henry Holmes, second; Tom Daly, third; Ed Gill, fourth; Louis Cobb and Jim Middlebrook, fifth.

Optimist Boys' Division: Overall—Joker Osborn, first; Jack King, second; David Holmes, third. **Jumping**—David Holmes, first; Joker Osborn, second; Jack King, third. **Tricks**—Joker Osborn, first; Jack King, second; Howard Marshall, third. **Slalom**—Joker Osborn, first; Perry Boswell, second; David Holmes, third.

Optimist Girls' Division: Overall—Jeannette Brown, first; Arline Surgeon, second; Wesley Walker, third. **Jumping**—Jeannette Brown, first; Arline Surgeon, second; Wesley Walker, third. **Tricks**—Jeannette Brown, first; Jayne Sue Wolfe, second; Arline Surgeon, third. **Slalom**—Jeannette Brown, first; Wesley Walker, second; Kathy Vogel, third.

AMERICAN WATER SKI ASSOCIATION

307 N. Michigan Ave.

Chicago 1, Illinois

FORM 3547 REQUESTED

LEGEND OF FRED WILEY

(Continued)

five days; the national, six to seven days. Adding these totals to the time he spends in his own boat and the time he spends demonstrating Century boats (he's Eastern District Representative for the Century Boat Company, Manistee, Mich., when he's not working as official boat driver) you discover that Fred Wiley spends about 30 hours a week behind a marine steering wheel.

Approximately 300 miles is covered during a tournament, Fred estimates. With the aid of a pencil, a scrap of paper and a few dates from the record books, the unbelievable figure of 30,000 miles—in tournament driving along—must be credited to the veteran boat chauffeur.

One of the original members of the AWSA, Wiley sat on the Board of Directors for 10 years; at the present time, he is a member of the Executive Committee—and, of course, official boat driver.

As every water skier who ever has entered competition knows, the boat is an important factor in any event. Exact speeds must be maintained and sometimes the matter of a foot or two in the position of the boat to the "track" can determine whether a record is set or not. AWSA rules allow a speed variance of five-tenths miles an hour over or under the speed set for the event being run. Modestly, Wiley ad-

mits he sometimes has been as much as two-tenths of a mile off the mark!

Someday, of course, the AWSA's official boat driver will have to put behind him the excitement of water ski competition and tie up his boat. But as the roar of the powerful motor dies to a whisper, the voices of thousands of water skiers who have praised his driving skill will well up in his ears and stay with him forever.

Houston Club Holds First Meet

The Houston Water Ski Assn., Texas, held its first annual sanctioned water ski tournament. Results:

Men's Division: Overall—Charles Alm da **Jumping**—LeRoy Herren, first; Jerry Vincent, second; Toby Vincent, third. **Tricks**—Charles Almada, first; LeRoy Herren, second; Glenn Sperry, third. **Slalom**—Ray Standley, first; Charles Almada, second; Don Cravens, third.

Women's Division: Overall—Bonnie Perkins. **Jumping**—Bonnie Perkins, first; Lou Blackwell, second; Paula Vance, third. **Tricks**—Helen Thrailkille, first; Bonnie Perkins, second; Jeri Killilea, third. **Slalom**—Midge Aston, first; Mary Ann DeForest, second; Paula Vance, third.

Boys' Division: Overall—Penny Baker. **Jumping**—Penny Baker, first; Skip Fox, second; Tommy Walker, third. **Tricks**—Randy Vance, first; Penny Baker, second; Skip Fox, third. **Slalom**—Skip Fox, first; Tommy Walker, second; Doug Barnett, third.

Girls' Division: Overall—Gwen Huston. **Jumping**—Gwen Huston, first; Jean Barnetson, second; Linda Barnett, third. **Tricks**—Gwen Huston, first; Sarah Parkey, second; Linda Barnett, third. **Slalom**—Gwen Huston, first; Sarah Parkey, second; Linda Barnett, third.

Veterans' Division: Overall—Jack Killilea. **Jumping**—Jack Killilea, first; Cecil Herren, second; Clayton Gatterdam, third. **Tricks**—Jack Killilea, first; Jess Rambo, second; Dick Sperry, third. **Slalom**—Gordon Bourland, first; Jack Killilea, second; Cecil Herren, third.