

FROM JOHN WEILER, CLUB FLEET CAPTAIN:

It is desired to call to the attention of all skippers that boat mooring lines at AYC are, in many cases, inadequate. This was forceably illustrated during the rain and wind storm of the night of 6 - 7 March. At this time some 15 to 20 boats broke one or more of their mooring lines. Damage to boats was held to a minimum by the prompt repair and replacement of lines by a few volunteers.

In general, mooring lines should be of adequate size and arrangement that boats will be restrained to fore and aft and lateral movement within the confines of and without touching the sides of their slip under any possible wind and wave condition. Fenders and carpet linings are additional safeguards in preventing damage in case rubbing does occur. Lines should be of nylon for elastic action, and, preferably, should be fitted with additional rubber or metallic spring elastic elements. This elastic feature greatly reduces shock loads on boat fittings, lines, and docks. No mooring lines should be less than 3/8" diameter, and heavier keel boats should have larger lines. Damage to lines at points of rubbing such as chocks can be prevented by the use of plastic, leather, or canvas duck sleeves ("linesavers") covering the lines at these points.

The particular arrangement and number of lines is usually a matter of individual preference. Less experienced skippers are advised to examine the mooring of boats of the more experienced skippers such as Jack Downes for ideas in this regard.

THE PROPER MOORING OF BOATS IS A RESPONSIBILITY OF THE INDIVIDUAL SKIPPER.

Owners of boats not equipped with rain tight covers should bear in mind that during rainy weather their boats will collect water. If drains are not open or if boats are not equipped with drains this water may accumulate in considerable amounts in cockpits and bilges. The added weight of this water is particularly hard on trailered boats and can be damaging to the boat and to the trailer.

Lake Travis varies considerably and rises can be very rapid. In 1957 this lake rose more than 50 feet in a twelve hour period. This is very unusual, but rises of several feet in a few days are not uncommon. Owners of dry sail boats who leave boats on the shore too near the water's edge may return another day to find that they have floated away. While not in use from one week end to the next, dry sailed boats should be stored at least five feet and preferably higher above the lake level.

Mr. and Mrs. Norton would appreciate dry sailors placing their names on the boats or trailers so they may telephone owners in case of emergency.

FROM DUANE DOBSON: THE TIRC HANDICAP SYSTEM

There is an increased interest in keel boat racing in the Austin Yacht Club and this is at least partly due to the use of the TIRC handicap system. This system, first used by our club in the St. Patrick Day Regatta, is growing in popularity in Texas. The rating of each boat (Factor) is determined by using certain measurements of each class of boats (length, sail area and weight) in a formula. The formula balances these measurements and the result is an allowance of a certain number of seconds per nautical mile of racing.

YOAK (Yachting One Of a Kind) Formula:

R = Rating, LOA = Length Overall, LWL = Length of Water Line, SA = Sail Area.

$$R = \frac{.5 (LOA + LWL) + 1.3 \sqrt{SA}}{2}$$

TIRC is YOAK + displacement factor: (W = Weight of boat, 800 = Crew weight)

R = YOAK + D

$$D = .179 L + .8 - \sqrt[3]{W + 800} \div 63$$

# HANDICAP FIGURES

BOAT	FACTOR	TIME ALLOW.	A TIME	ALLOW
1. WANDERER 30	25.2	253.9	SCRATCH	
2. MORGAN 24	24.8	257.4	3.5	.06
3. THUNDERBIRD	24.2	262.7	8.8	.15
RENEGADE	24.2			
4. CORANADO 25	24.0	264.6	10.7	.18
SEAFERRER 31	24.0			
5. CAL 25	23.9	265.5	11.6	.19
COMMANDER	23.9			
6. TRITON	23.8	266.4	12.5	.21
7. PEARSON LARK 24	23.2	272.1	18.2	.30
8. COLUMBIA 21	22.5	279.0	25.1	.42
9. COLUMBIA 22	22.4	280.8	26.9	.45
10. IRWIN 23	22.3	281.04	27.1	.45
11. S. C. 23	21.5	289.5	35.6	.59
12. PEARSON 22	21.3	291.7	37.8	.63
13. ENSIGN	21.2	292.8	38.9	.65
MUSTANG	21.2			
14. ELECTRA	21.1	293.9	40.0	.67
VENTURE 21	21.1			
15. G. C. 22	20.5	300.7	46.8	.79
16. CAL. 21	20.3	303.1	49.2	.82
CAL. 20	20.3			
17. S. C. 21	20.2	304.2	50.3	.83
18. VICTORY	19.7	310.3	56.4	.94
19. NOMAD	18.2	329.9	76.0	1.27

From C.C.A. Tables  
in SEC/N.M.

Differences  
in SEC/N.M.

Differences  
in Min/N.M.

By consulting this table we find that a Cal 25 (23.9) must give an Ensign (21.2) 17.3 seconds per nautical mile of racing. (292.8 - 265.5 = 17.3) On a typical 8 mile race the Cal 25 and Ensign will start at the same time but the Cal 25 must finish 138.4 seconds before the Ensign if it is to win. The handicap system attempts only to equate the boats and assumes that the boat is well equipped and maintained. If you would like additional information, call your keel fleet captain, Max White or The Race Committee.

FROM COMMODORE TOM ROMBERG:

## REPORT OF THE 1970 TEXAS YACHTING ASSOCIATION MEETING

Texas Corinthian Yacht Club, February 13.

The minutes were dispensed with. The Treasurer's report showed a net gain in 1969 of some \$298. An outstanding dues for Tyler Yacht Club caused them to be dropped from membership.

The Texas Inshore Racing Class Committee reported it needs better communication to club members. It has not set a firm schedule, but will likely drop the AYC Turnback Canyon Race in favor of a Rockport Race the previous weekend.

The Appeals Committee reported only one appeal was heard and in it the race committee won! Art Nazro was very pleased.

A plaque commending Art for his many years of service to T. Y. A. was presented.

Thanks was extended by Commodore Bludworth to all those clubs holding N. A. Y. R. U. competitions for the TYA and Area F of N. A. Y. R. U.

On the intercollegiate scene no real progress has been made primarily because a sponsoring faculty or group of students must take the lead. Those leads have simply not developed

New clubs making application for membership were Killeen Sailing Club (passed), Lake Travis Cruising Association (action deferred for one year), Rockport Sailing Club (passed), and Venture Sailing Club (action deferred for one year).

A Race Committee Seminar will likely be held by the TYA in the spring in an effort to better prepare those interested in it.

The T. Y. A. race schedule to be published later includes:

February 12, 1971

Houston Y. C. Midwinter

April 4, 5

Houston Y. C.

Area F Prince of Wales  
Elimination

August 31

Mallory Finals  
Sears Finals  
Adams Finals

Little Egg Harbor, New Jersey Lightnings  
Crescent Yacht Club Detroit Flying Scots  
Victoria British Columbis Cal 20

Quarter Finals

T. Y. A.

Mallory	Ft. Worth	Rhoades	19, July 8, 9, 10
Sears	Seabrook	Flying Scots	or Gulf Coast 20, July 14, 15
Adams	Austin	Cal 20	July 14, 15
O'Day	Corpus	Sunfish	June 23, 24

Semi Finals, Area F

Mallory	Gulf Coast Yachting Association		
Sears	Houston Yacht Club	Flying Scotts	Aug. 1, 2
Adams	Oklahoma City	Luder 16	
Sears	Ft. Worth	420	July 25, 26

March Austin Yacht Club St. Patrick's Day Regatta

April 3, 4, 5,  
10, 11, 12  
17, 18, 19  
24, 25, 26  
25, 26  
26

A. Y. C.-----M20 National Midwinter  
FWBC-----C Scow Black Tie  
AYC-----Snipe Regatta  
Shreveport Holiday in Dixie Regatta Open  
Lake Canyon Yacht Club Snipe Regatta  
AYC Spring Lakeway

May 2, 3

Buccaneer Days, Corpus 2nd Lipton Cup T.O.R.C.  
3rd Moreland Cup T.O.R.C.

8-24

Galveston to Vera Cruz, Auxilliaries

16-17

F.W.B.C. Southwest Inland Auxilliary Championship

23-24

Dallas Corinthian Annual Open

23

Corpus to Rockport T.O.R.C.

30, 31

AYC Turnback Canyon

June 5, 6, 7,

FWBC Annual Open  
Concho annual @ Amisted Dam  
13, 14 Seabrook Centerboard only  
13 Corpus to Chevron T.O.R.C.  
19 Corpus to Galveston T.O.R.C.  
20, 21 Galveston Boat Club Sunfish Championship  
Rockport Centennial Open  
27, 28 Arlington Open  
25, 26, 27 Gulf Coast Soling Championship T.C.Y.C.  
28-July 2 North American Soling Championship T.C.Y.C.

July 4, 5

Corpus Regatta Open

AYC Governor's Cup Open

11, 12

Freeport Triangle T. O. R.C.

Seabrook Boardboat Regatta and Starfish Texas Championship

Houston Windmill Dist. 5 Championship

18, 19

Sabine Triangle T.O.R.C.

Port Arthur Open Centerboard and Boardboats

Aug 1, 2 Houston Girl Scout Sunfish Regatta  
 8, 9 Ft. Worth Boardboat Open  
 15, 16 Houston Annual Open  
 22, 23 Corpus to Port Aransas Open 15' over  
 Ft. Worth Starfish National  
 maybe Corpus Sunfish Southwest Championship

Sept. 5, 6, 7, Corpus Open, Concho Open  
 6 Port Arthur T.I.R.C.  
 19, 20 Port Arthur Geary 18 District  
 26 Galveston Boat Club Sunfish Fall Regatta

Oct. 17, 18 Lake Canyon Open  
 18 AYC Fall Lakeway  
 24 Corpus to Port Isabel CCA

Nov. 21, 22 Houston Turkey Day Open  
 28, 29 AYC Turkey Day Open

Dec. 5, 6 Corpus Open

Jan 1, 1971 Houston REVOGNAH Invitational

Eugene English extended an invitation to the TYA to hold its meeting at AYC sometime in the future.

New officers of the TYA:

Martin Bludworth	Commodore
Robert Wheelock	Vice Commodore
Bill Allen	Rear Commodore
Earl Gerloff	Sec.-Treas.

8:30 Meeting Adjourn

NOTE: All votes were unanimous.

#### NEW MEMBERS

Roy F. Canon  
 Hugo Steinfink -- Columbia-21  
 Joseph Pojman  
 Frank Maloney  
 T. L. McDermott -- 18' Powerboat

Albert L. Fox -- Flying Scot  
 Alan W. Wong  
 L. P. Lochridge, Jr. -- Sunfish  
 John D. Malkemus -- Travis-40, Dolphin  
 Rolland E. Boucher -- Flying Scot

Christopher Edmunds -- Sunfish  
 David McEwen Dean -- Penguin  
 Bob Dennison -- Starfish  
 Grover Cunningham

Mallory Campbell -- Sunfish  
 Woodrow Magness -- Sunfish  
 James R. Bright  
 William P. Thorp III -- Alpha  
 Ralph D. Sheffield -- Flying Scot, Sailfish

Norman B. Rylander -- Sunfish  
 William L. Norwood -- Y-Flyer  
 Gerald L. Muffoletto -- Catboat, Sunfish  
 John E. Mount -- CAL-21  
 Earl J. Nesbitt, Jr.

Carl B. Morris  
 Harold H. Bredlow -- 18' Deckboat  
 Robert W. Doubek -- Thistle  
 Gretchen Sparks -- Starfish

John J. Allan, III  
 Douglass Stringfellow -- M-20  
 Bill Etherton  
 W. R. Coleman -- Starcraft Sea Flite  
 Robert I. Smithers -- Interlake

Andrew Neil Stover  
 Gerald B. Irwin -- Starfish  
 Phil Mason -- Renegade  
 J. C. Humphrey

Donald Clyde Crow -- Dolphin  
 Wailand Bessent -- Dolphin  
 W. Gordon Whaley -- Gulf Coast-20  
 Glenn A. Zoch  
 H. Merrill Goodwyn

Edward W. Cundiff -- Columbia-22  
 Ray M. Sommerfield -- Sigma  
 Leonard C. Scruggs -- M-Scow  
 Roland L. Wright -- Electra  
 Floyd S. Bandt

Bill Howard has very generously donated his A-frame to A.Y.C. and will have it transported to the club soon. This A-frame will lift heavy keel boats and is most needed by the club.

The "Sailing Notes" in the Austin American-Statesman will appear now on the Outdoor Page of Saturday's paper every week. I would appreciate any news items from club members (no item is too small). Perhaps someone will do something which would make him worthy of the Blue Duck Trophy (to be awarded at the annual dinner to the skipper making the biggest boner). Kay Stark, who is writing a regular column for the Yacht Club in the Lake Tavis News would also welcome any news items.

Carolyn Marshall