

# The Bilge Pump

## Newsletter of the Rocky Mountain Classics

November, 1999

### Spotlight



Bob Moharter was one of the founders of Rocky Mountain Classics and the Chapter's first President. Bob has been involved in boating pretty much all of his life. His father built a small cottage on Cayuta Lake in upstate New York in 1938, the same year he was born. The Moharters spent each summer there when Bob was growing up. Bob later built a home for his family across the street, and the cottage was used until it was sold in 1979.

The family boat was a Penn Yan round-bottom rowboat, occasionally powered by the single cylinder Neptune outboard his dad kept running somehow. When Bob was about 10 years old, his dad built a 12 foot outboard runabout. The boat was an immediate hit with other summer residents of the lake, and he built several others for them over the next few years. Of course, Bob "helped" by being in the way most of the time, but always in his dad's shop. From that time he always wanted to be a boat builder.

Bob did build several boats, some from plans and some with his own ideas. He admits that the boats built from plans always came out better. His first boat was an 8 foot, 3 point, Hydroplane powered first with a Martin 75 and later with a Mercury Super 10 Hurricane. After that came several race boats and small runabouts.

Growing up in the Finger lakes was a boater's paradise. Surrounded by the Penn Yan, Dundee,

Fay & Bowen, Thompson and Morehouse factories, wood boats abounded. In those days, one seldom saw an aluminum or steel boat and fiberglass was not yet in the picture. But when fiberglass did come along, Bob admits to owning a couple, but not for long!

When his family grew to six children, Bob bought a 1966 Trojan 31 ft. twin screw Express Cruiser. The boat was kept at a marina on Seneca Lake where the family could cruise the lakes and canals of New York State as well as Lake Ontario, the St. Lawrence River and the waterways of Ontario and Quebec, Canada. Since he lived on Cayuta Lake, he kept a ski boat and sailboat there, along with the original boat his dad built in 1948. That boat had deteriorated badly from all those years of use and Bob destroyed it. He has since regretted having done so and may one day replace it with a similar boat he will build himself. The rest of the boats were sold and in 1979 he moved his family to Arizona. For the first time in his life, he was without a boat.

In 1982, he bought a small fiberglass I/O runabout, but was never satisfied with it. His company was moved to New Mexico and later back to Arizona and there was not much time for boating, but he was always on the lookout for a wood boat to restore. During that period, he bought and stored several boats to restore in his "retirement." Since closing his business and building a log home in



Colorado, he spends most of his space time in his shop doing just that.

Bob and his wife, June, spend a lot of time together, hunting for boats, talking with other wood boaters and going to boat shows all over the country. Bob has been an ACBS member since 1991 and belonged to the Southwest Chapter before helping to organize the Rocky Mountain Classics.

## PRESIDENTS CORNER

At the annual meeting following the Navajo Lake show, I was confirmed as the new President. Thank you very much for the honor. I will try my best to live up to the standards set by Bob Moharter. The other officers are Jim Johnson - Vice-President, Tom Green - Treasurer, June Moharter - Secretary. Bob Moharter has agreed to remain on as a Director and as the Membership Committee Chairman. Chip Taft has been elected as Director-at-Large. As I understand it, this leaves two Director positions open, one of which I have asked Doug Sersun to run for and the other is still available. Will someone step up to run for the other? We should have an election at a time yet to be determined, so please contact one of the officers if you are interested. I hope to have a Board of Directors Meeting concurrent with the Denver Boat Show, so please sign up now!! We also have a position open for Show Committee Chairman.

The show at Navajo Lake was a great success with 7 powered wooden boats and 3 people-powered wooden boats on display. You **have got to see** Charlie and Katie Geuin's new creation, Tubby Tug! Thanks to Bob and June Moharter for a great job of setting up the show and running things so smoothly. We had a very nice static display and really enjoyable voyage down-lake to sightsee and participate in a poker run. Several members that had not made it to our other shows were in attendance and we are happy that we were able to meet them finally. Hope that they can all attend more events.

We are developing plans for the 2000 series of RMC events as this goes to press. We may have the opportunity to place a few boats in the Denver Boat Show this January. If you are available and interested, please coordinate with either Tom Green or me. The rest of what we have tentatively scheduled is as follows:

Horsetooth Reservoir - 17 June  
 Chatfield or Cherry Creek Reservoir - TBD July  
 Grand Lake - 26/27 August  
 Navajo Lake - 23 September

We are still negotiating with the GL Yacht Club for a joint show in 2000 but I think it would be appropriate for everyone to make their reservations now with Darrell & Casey Herk at Western Riviera Motel & Cabins in Grand Lake for the weekend of 26 August. Their numbers are (970) 627-3580 and (970) 627-3320-Fax & e-mail is [www.westernriv.com](http://www.westernriv.com).

As you can see, we are trying to add a show in the Denver area this next Summer. We believe that the exposure will be significant if only we can get the weather to cooperate! The coordinators of the new show will be Charlie and Katie Geuin so please let them know what you think and how you can help (get the hint?). If you have any ideas on where an appropriate venue might be added to the schedule, please let us know. We don't want to overload the members with shows but we do want to accommodate the membership with activities that are of interest and make sense.

That's enough for now. Please call or write me with any suggestions-complaints-ideas. We are going to try to make continuing improvements to the Club to better meet your expectations and desires, but you have to let us know what those might be. My info is:

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## MINUTES OF THE 2ND ANNUAL ROCKY MOUNTAIN BOAT CLUB

The Meeting was called to order at 9:15 AM, September 26, 1999, at the meeting room of the Sky Ute Hotel by President Bob Moharter. Fourteen members and three guests were present.

### SECRETARY'S REPORT

Minutes of the 1<sup>st</sup> Annual Meeting of August 18, 1998, were accepted as presented by a vote of the membership.

### TREASURER'S REPORT

Tom Green reported through June Moharter that the current balance in our account at Vectra Bank is \$673.56. The report was accepted by a vote of the membership.

### MEMBERSHIP CHAIRMAN'S REPORT

1. There are currently 43 paid members.
2. Mr. Chris Smith has been made an Honorary Member of the Chapter and an Honorary Member of the Board of Directors by vote of the Board of Directors.
3. The Chairman has contacted 11 ACBS members without Chapter affiliation as reported by ACBS and one has joined this Chapter.

### SHIP'S STORE CHAIRMAN'S REPORT

Katie and Charlie Geuin reported that approximately \$600 of products were sold at the Grand Lake event. If you have any suggestions regarding items that should be added or deleted from the Ship's Store, please let Katie and Charlie know. Also, if you would be interested in assisting or taking over the position of Chairman, please let them know.

### OLD BUSINESS

Insurance – Chip Taft through Bob Moharter reported that ACBS has an "Umbrella Policy" of \$2 Million to cover sanctioned shows. Individual insurance is highly recommended for all boaters.

### Judging at Shows

1. Chris Braaf reported that formal judging at other shows is very strict and would defeat the purpose of boating for fun.
2. Captain's Choice or People's Choice can be awarded at the discretion of the show planner.

3. When our club grows, it would be good to have a Chairman for Awards at all shows.

4. New member Jean Clagget has offered to sculpt a piece for a future trophy. Chris will continue to pursue this idea.

### NEW BUSINESS

#### Newsletter

1. Bob and June Moharter are the editors of the Newsletter with Katie Geuin being the printing staff.
2. Articles and Input are needed from all of the membership.

#### Future Events

1. Denver Boat Show – tentatively scheduled for January 8-9, 2000 at the Denver Convention Center. May be able to show a few boats there. Tom Green to coordinate.
2. Horsetooth Reservoir Show – June 17, 2000, will be coordinated this year by members Larry and Toni Tieman.
3. A proposed Cherry Creek Res. Or Chatfield Res. Show will be tentatively held in July, 2000. Coordinators will be Charlie and Katie Geuin.
4. Grand Lake Show – August 26-27, 2000. We continue to try to arrange a joint show with the Grand Lake Yacht Club, but we have decided to go ahead and set up our separate show similar to 1999. Coordinators are Bob & Chris Ann Braaf.
5. Navajo Lake Show – September 23-24, 2000. This is a tentative scheduling at this time as it may conflict with the MAC 2000 event.
6. MAC 2000 – September 25, 2000. Dates are to be confirmed yet. This is the 25<sup>th</sup> Anniversary Event for ACBS to be held at Mackinac Island, Michigan. A book on all chapters will be produced – watch the RUDDER magazine for further information.

#### Elected Officers

President:	Bob Braaf
Board of Directors:	Bob Moharter
Vice-President:	Jim Johnson
Treasurer:	Tom Green
Director at Large:	Chip Taft
Director:	Charlie Geuin
Director:	Two Vacancies

Two Board of Directors vacancies remain. The Board of Directors will appoint members to the remaining two vacancies left open by Bob Braaf and Jim Johnson. These appointees will complete the terms of Bob & Jim.

The Meeting was then turned over to Bob Braaf as the new President.



Logo Contest

A spreadsheet will be added to the newsletter for comments and additional designs. The decision will be made in the Spring of 2000.

Board of Directors Meetings

Next meeting proposed to be concurrent with the Denver Boat Show, 8 Jan, 00.

E-Mail Addresses

If any member has an e-mail address, please send an e-mail to Bob Braaf at [Maynard1@rkymtnhi.com](mailto:Maynard1@rkymtnhi.com) so that we can have the address on file. Maybe someday we can use e-mail to distribute the newsletter and other information. This would save a lot of time and \$\$\$\$ over U.S. Mail.

Membership

Bob Moharter has agreed to stay on as the Membership Chairman. ACBS has verified that local membership can be maintained without national ACBS membership. This topic will be discussed at the next Board of Directors meeting.

General Discussion

1. How many wooden boats are there in Colorado? How can we determine this?
2. Are all of the major lakes in the region charted? Doug Sersun proposed that we as a club might assist in charting any that weren't. Doug will investigate with Bob Braaf's assistance.
3. Katie Geuin proposed that the club, as a public service project, approach the venues where we have shows to see if we could assist in upgrading/repairing the docks that we use. It's good PR and makes it safer for our boats.
4. Ship's Stores Chairman Katie Geuin explained the consignment of ACBS articles to us. A percentage of sales stays in the Club treasury for expenses. Sweatshirts and T-Shirts are done locally and a larger amount of the profit is made on these items.

Following a motion by Katie Geuin with a second by Bob Moharter, the meeting was adjourned at 10:25 AM.

As a follow-up, Chris Ann Braaf, on behalf of the Chapter, thanked Bob & June Moharter for the excellent show at Navajo Lake.

Charlie Geuin, on behalf of the Chapter, thanked Bob Moharter for the great job he has done for the last two years as Chapter President. A general round of applause followed.

Respectfully Submitted, //signed//

June Moharter, Secretary ~ Bob Braaf, President

**GRAND LAKE EVENT**

August 28, 1999 was the date of the second annual Grand Lake Boat Show sponsored by the Rocky Mountain Classics Chapter of the Antique and Classic Boat Society. For the second year in a row, our show was honored with the presence of Chris Smith, grandson of Christopher Columbus Smith, the founder of Chris-Craft Corporation. The knowledge imparted and stories told about Chris' life with Chris-Craft were most fascinating.

The show featured seventeen antique or classic wooden boats, several of which had been originally delivered to Grand Lake from the factory and have never left Grand Lake. There were about 40 members and guests attending this show. The location offers an excellent opportunity for non-boating vacationers and for residents of Grand Lake to participate in the viewing of the boats.

Next year's event is scheduled for August 26, 2000. Lodging reservations should be made now if you plan to attend. Contact the Western Riviera Motel at (970) 627-3580 or at [www.westernriv.com](http://www.westernriv.com). Assistance is also available through the Grand Lake Chamber of Commerce at (970) 627-3372.

**DENVER BOAT SHOW**

Tom Green has been working for the past two years to get us back into the Denver Boat Show. This year's show will be January 6 - 9<sup>th</sup>. We have been given the opportunity to attend this year's show. For entry information contact Tom Green at (303) 797-7630.



## BILGE PUMP

*Since the name of our newsletter is The Bilge Pump, I thought an article on bilge pumps would be appropriate. I got this one off the Internet. Katie Geuin*

If you rely on a bilge pump's advertised "flow-capacity rating" expressed in gallons per hour (g.p.h.) or gallons per minute (g.p.m.), you may end up with a bilge pump that's woefully inadequate for your particular needs. The numbers printed on the box are derived from testing under laboratory conditions that do not reflect the working conditions faced by the bilge pump once installed on your boat. The capacity rating is based on the pump having a full 12 volts of power and no "head."

"**Head**" is broadly defined as the resistance the pump has to overcome. "**Static head**" is the distance between the surface of the bilge water and the highest point in the system, which is either the discharge opening in the side of the boat or the top of the hose if it's configured to include an anti-siphon loop. "**Friction head**" is resistance related to a variety of factors, including the bilge pump hose material, length and diameter; the through-hull fitting, flow rate, temperature, and contaminants like oil. Taken together, static head and friction head form "**system head**," which the pump must overcome to get the water out of your boat, and which usually is not accounted for in the advertised flow capacity rating.

There are really four important choices to make about your bilge pump system: which pump, which hose, which through-hull fitting, and where to place the discharge opening.

**Hoses** Smooth-bore hoses offer less resistance to water flow than corrugated hoses. A 1 1/8" corrugated hose, relatively inexpensive and readily available tubing advertised as bilge pump hose, offers much more friction than the harder-to-find and more costly smooth-bore hose. The ribs in corrugated hoses offer the greatest resistance to flow because they create eddies near the hose walls that narrow the channel the water flows through,

thereby reducing the amount of water a bilge pump can move in a given period.

**Through-Hull Fittings** Because they are smaller in diameter than the discharge hose, through-hull fittings contribute significantly to friction loss in bilge pump systems. A common 3/4" through-hull fitting can add the equivalent resistance of several feet of hose to the bilge system head. Water flow can be reduced even further by the through-hull opening. Fittings with thicker walls are especially restrictive of water flow.

**Discharge** The discharge through-hull should be at least 8" above the actual full-load waterline. If placed lower, install an anti-siphon loop to keep water from entering the discharge - simply loop the hose as high as possible, then lead it down to the discharge.

**Pump Capacity** Once you've taken all of the above factors into consideration, you can see that you should not rely on the capacity numbers printed on the bilge pump box. A pump rated at 500 g.p.h. would only give you that performance if it were pumping water in an unrestricted open flow where gravity, head, and other factors were not at work. Buying a pump one size larger should enable you to overcome the 15-33% drop in performance you can expect once you install your pump.

Remember to keep your battery charged so your bilge pump will continue to operate when you're not aboard. Also, remember that it is illegal and environmentally unsound to discharge oil overboard. You can purchase an inexpensive and long-lasting "bilge hawg" to absorb oil, gasoline, transmission fluid, and other sludge in your bilge.

## New Members

Virgil & Lois Clear	Ft. Collins, Co
Jean Clagget	El Jebel, Co
Cris Smith	Holland, MI
Dale & Beth Samuels	Littleton, Co
Bob & Pat Grossman	Golden, Co
James Quinn	Grand Lake, Co
Bob & Sherri Webb	North Platte, Ne
Dave & Robin Henry	Durango, Co



## Poker Run at Navajo Lake

A poker run was held at the Navajo Lake event on September 25th with eight players. Each player picked up a card in a sealed envelope at a pre-determined place. The fifth and last card was picked up at dinner, served after the event at the Sky Ute Casino. The Casino selected the winning hands and announced the results. Trophies were made and awarded by Bob Moharter. First place went to Doug Sersun, holding a pair of sixes. Second place went to John Schell, holding a pair of deuces. Finishing last and rewarded for holding the worst hand, was Mark Zempel, with not so much as a face card. The poker run was a lot of fun for everyone and the awards ceremony made for a great ending to a fine day on the lake.

This was the first event at Navajo Lake and we finally had great weather. The morning was a little chilly but by mid morning everyone was shelling off their sweatshirts in favor of shorts and short sleeves. No doubt, this was the finest weather we've had for an event. This event also gave us an opportunity to meet some of the Southwest area members. Mark Zempel brought his 1892 Whitehall Rowing Skiff. It was such a privilege to see such an old wooden boat that has been so well cared for. He also had a 1935 Chris Craft Utility. John Shell brought his home made canoe and sail boat. A lot of craftsmanship went in to building these beauties!

For those of you who have missed opportunities to come to the boat shows, good weather or bad, it is a great time. We hope to see you at next years shows!

*"Strive for perfection in everything. Take the best that exists and make it better. If it doesn't exist, create it. Accept nothing nearly right or good enough."*

*Sir Henry Rouse  
co-founder of Rolls Royce*

## Geuin's Receive President's Cup Award



Each year, ACBS sends each Chapter President a trophy to be given at the President's discretion. Last year's winner was Chip Taft.

This year the President's cup was awarded to Charlie and Katie Geuin at the Annual Meeting by outgoing President, Bob Moharter. Bob praised the surprised recipients for their efforts in taking responsibility for the Ship's Store, the Chapter's major fund raiser. Looking after the Ship's Store takes a lot of time and effort, even during our Boat Shows, when their time could be spent enjoying the water with the rest of us. In addition, they have never missed a Chapter event or Board of Directors meetings, and even hosted a Board meeting at their home in Evergreen.

Congratulations Charlie and Katie. The award is well deserved.

## The Sheep Came!!

Monday, September 27, 1999 found Highway 501 filled with furry sheep - hundreds of them! Ranchers were herding them from Summer grazing to winter pastures. Boaters who came to Bob and June Moharter's house for the cookout missed the experience of dodging the BAAing animals. It is an experience to do in a car but not one wanted when pulling a boat! Katie and Charlie Geuin had that experience last spring.





## Boating the Southwest

By Charlie Geuin

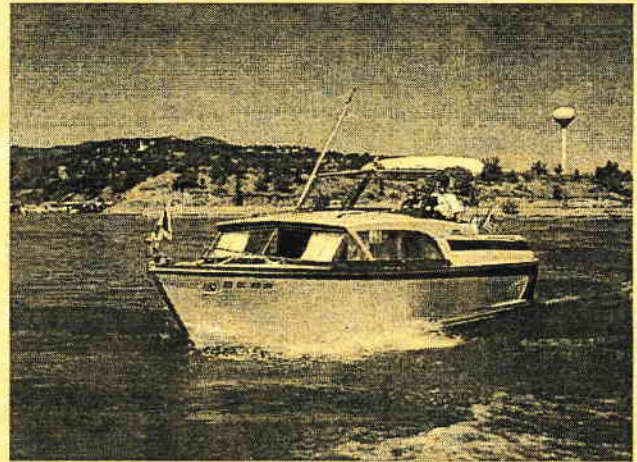
It all began in March-April. After the boat show you begin to think of the upcoming months of summer fun. You start to plan, prepare and wonder. What about this and what about that. Let's do this and let's do that. With engine and transmission repairs out of the way, the necessary items stocked and put away in the boat we headed for Pueblo State Reservoir on June 21. After launching the boat, we headed for our favorite spot. We were on our way for a two week get-away. Night came and morning was filled with sunrise. After the rainy weather we had been having we took this as a sign that good weather was going to follow us.

The drive to Navajo Lake was only six hours away. We were greeted at the lake ramp by Bob Moharter who gave us a warm welcome. Bob joined us as we cruised around the lake for a while. Bob extended a breakfast invitation to us for the next morning that was hard to turn down. On the way to his house we ran into the sheep being herded from their winter grazing to the summer one. There were so many! Mostly babies all Baaing for the mothers. Katie had to get out of the truck and help herd them down the road and keep the little ones from getting between the truck and boat. What an experience!

After an award winning breakfast that Chef June prepared, we headed for Durango and points west. We were anxious to get to Lake Powell. One stop for gas and it was nothing but clear skies and good roads. The roads to Powell from Durango include hills straight up and switchbacks that test your driving skills.

Thinking I had enough gas (1/2 tank) to get to Halls Crossing, our launch point, I had to start coasting down hills! (If you go this way, gas up at Blanding or you'll be wishing you did!) With 10 miles to go and the gas gauge reading empty, things got a little sweaty. What a relief when we

topped the last hill before Halls Crossing Marina and gas. We were finally there for nine days of warm weather, warm water and beautiful country.



Lake Powell in a 1960 Chris Craft 25' classic cruiser is just about as good as it gets. When it's time to load up and go home, you wonder.....what about next year?

## Classified Adds

### For Sale

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Tubby Tug

9 foot Tug Boat - Home Made

All wood construction

4 hp outboard - New trailer

(303) 670-9415 - \$1,000



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1957 Chris Craft 14 foot Kit Boat

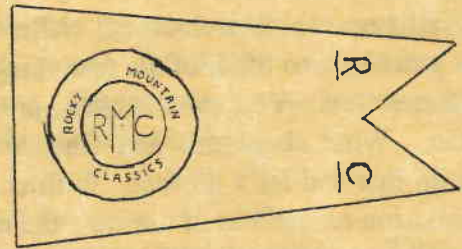
Good Running - 3.5 horse Johnson

Nice trailer - (970) 884-2954



# LOGOS

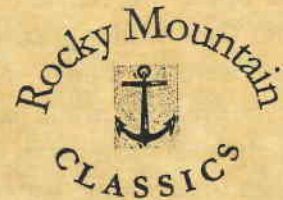
The following logos have been submitted by various member of our Chapter. It's not too late to get your ideas in but we need them soon! Please forward any new logo ideas to Jim Johnson. He can be reached at (970) 225-0590.



ROCKY MOUNTAIN CLASSICS



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*Return address*