



The St. Louis Admirals R/C Model Boat Club

<http://stlouisadmirals.com>
BROADSIDE



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NOTICE:

The next meeting will be held on May 7, 2012 at St. Stephen's Episcopal Church,
33 N. Clay Ave, Ferguson, MO 63135

NOW HEAR THIS

FROM THE BRIDGE



Problem solving can be a good and healthy benefit from being a model boater. It keeps the brain functional and enables a person to achieve satisfaction when he overcomes and solves a problem. The whole effort makes you feel good. Trying to assess the cause of a problem, thinking about alternative ways to fix it, and finally correcting the problem is a good thing.

The whole process can sometimes also cause us to gain some knowledge that we previously didn't have. Sometimes we learn about electricity and electronics; sometimes we can learn about how to build something better or in a better way; sometimes we engage the help of others to fix the problem. And problem solving with a modeling effort simply refocuses our brain away from the tough problems of life and gives us a sort of relief valve. We concentrate on our little problem and can, at least for a while, think about the task at hand.

What brought this to mind was my own nagging problem with the port prop shaft on my sub. It was designed for the prop shaft to engage a coupling,

which in turn was connected to the gearbox shaft which came out of the watertight compartment. Now you would think that something simple as a coupling with four screws would not greatly task all of my efforts to have a tight fit at the coupling. But I knew I had a problem that just wasn't going away every time I ran the boat and had the port prop cease turning, even though the motor was humming along nicely inside the watertight compartment. A twin screw boat with only one prop turning does not make for a happy running boat!

So I put my mind to finally (hopefully) fixing what should have been a minor problem to resolve. I carefully drilled four dimples in the shafts so that I could get a nice gripping fit with the screws. And then I used Loktite to secure the tightened screws. We'll see if my fix cures my slipping problem. Then it will be "Problem Solved", and that will make me feel good. Sometimes it's the little successes that make life worthwhile.....

Happy boating.

Commodore Jim

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**5:00 PM Dinner at The Boathouse in Forest Park, and 7:00 PM meeting at St. Stephens Church**  
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Tentative 2012 meeting
dates are:

Jun 4, 2012

Jul 2, 2012

Subject to availability by St. Stephen's Church

Third Sunday every month – Sailing at St Ferdinand Park, Florissant, MO



Membership Dues ## Please take note of the following: ##

Dues for new members will be prorated on a per month basis based upon our beginning of **May 1st dues.**

Please make checks (no cash) payable to "St Louis Admirals R/C Model Boat Club" in the amount of \$30.00. Send checks (no cash) to

Tom Eckert
10121 Pinehurst
Overland, MO 63114-1527

PS If you would like to have your e-mail address included for receipt of the Broadside and other publications please include it on a separate sheet of paper, to my attention. If you have moved since your last renewal, please note change of address, etc.

Thank you, Tom Eckert

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St. Louis Admirals RC Model Boat Club  
Meeting  
April 2, 2012

Commodore Jim opened the meeting at 7:25 PM with the pledge of allegiance. Reading of the minutes as published in the Broadside was approved. The Treasurer's report was approved. May 1<sup>st</sup> is time for annual dues. Please contact Tom Eckert at (314) 426-6244. Members voted to consider on a case by case basis applications for honorary membership from abroad. Igor Samarsky, a resident of the Ukraine, applied for honorary membership and was approved by the

members. Commodore Jim will provide membership identification and other information to Mr. Samarsky. Father Keller pointed out that the Admirals' Facebook page would be a way for long distance members to stay in touch, make comments, drop in photos, etc.

A sign-up sheet was passed among members for the sail set for **Monday, May 7, 2012 from 1 PM – 5 PM at the Boat House in Forest Park. Dinner at the Boat House will be followed by the regular monthly meeting at St. Stephen's church in Ferguson.**

Another sign-up sheet was passed around for the **Club's annual picnic on Saturday, May 19, 2012 Noon - ? PM at the O'Dell's pond in Bunker Hill, IL. Members and guests participating are asked to contribute \$5.00 each and each family is asked to bring a dish to share.** The sign-up sheet will be available again at the May 7<sup>th</sup> meeting.

The Admirals have been invited by the **City of Ballwin to exhibit and sail their boats at Vlasis Park on Saturday, June 2, 2012 from 1 PM – 5 PM.** Parking will be available in the lot at the park, along with tables, chairs, and a pop-up tent. This will be part of the Ballwin Days Festival. Launching and retrieving boats will be by the spillway, where access is only 12 – 18 inches above the water line (pond depth is @ 30 feet).

The Munny Opera has invited the Admirals to exhibit and sail their boats on **Friday, July 27, 2012 from 4 PM – 8 PM.** The Munny will provide tables and chairs under the trees by the pond. The show that night will be "Pirates." Steve O'Dell will bring a 3 x 5 foot pirate flag. Members can bring "Hollywood" pirate boats, as well as corsairs, ketches, and modern pirate craft, plus defensive craft to thwart pirates.

The Admirals annual regatta is set for September 29-30, 2012 at the Boat House in Forest Park. Details will be provided as they become available.

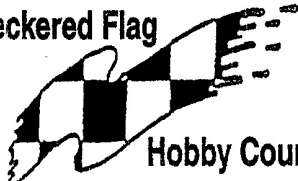
T. J. Mueller brought a just completed PT-109 for show and tell. Dave Dickey brought an antique river tow boat. Father Keller brought in a paddlewheeler, as did Robert Schmidt. Dave St. Clair gave an overview of motors and encouraged members to brush up on volts, current and resistance prior to the May meeting when he will demonstrate the disassembly and re-assembly of a motor. Commodore Jim spoke about the evolution of steam powered vessels from reciprocating engines to turbines, comparing the Titanic (1912) to the U.S. North Carolina battleship (1940).

Mike Alligood and Dave St. Clair won the Mark Twain gift cards. The meeting adjourned at 9:30 PM. Minutes as presented by Chris Kunz, Secretary

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**Admirals Picnic**

Kathy Duncan - Tom O'Dell's Daughter  
4654 Shipman Cutoff Rd, Bunker Hill, IL 62014

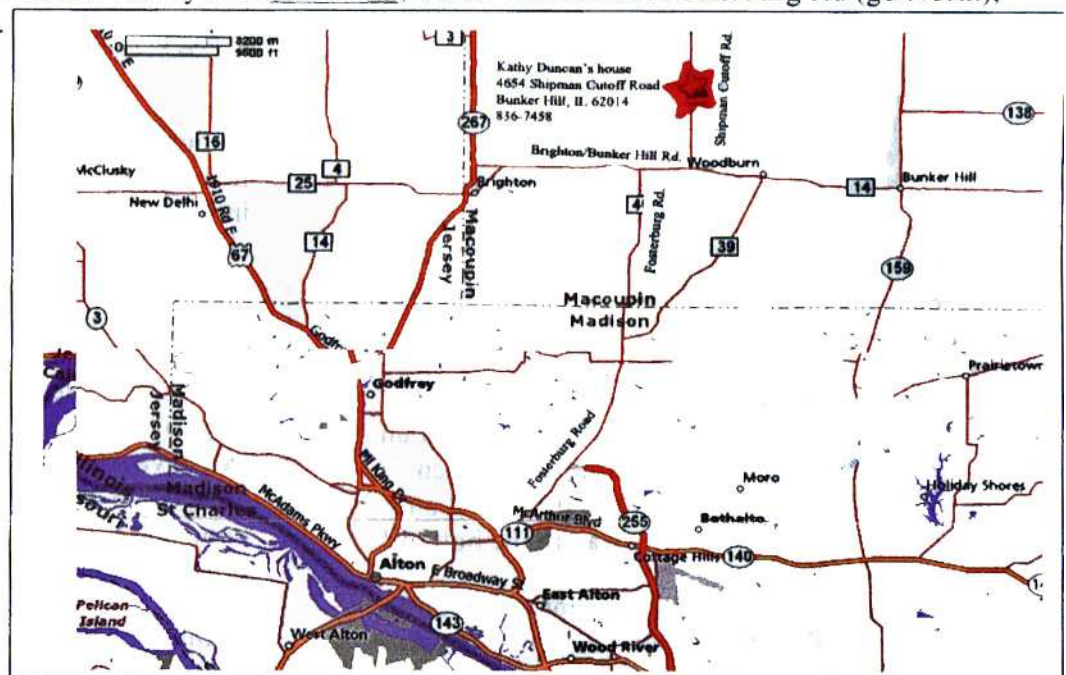
**PLEASE BRING LAWN CHAIRS**

**Club will provide meat - please bring salad, potato  
or macaroni salad, appetizers, chips or dessert**

From 270 take exit #31B-Alton, IL onto Lewis and Clark Blvd (MO367N) go 3.86 miles, continue on US-67N -6.51 miles; **Right** on IL 143-E -.10 miles; **Left** on Broadway Connection .20 miles; **Right** on E Broadway Street 2.33 miles; **Left** on Homer M Adams Parkway (IL-3 N); exit College Ave (IL-111 S) .81 miles; **Left** on Fosterburg Rd - go 10.81 miles; **Right** on Brighton Bunker Hill Rd - 1.21 miles; **Left** on Shipman Cutoff Rd (CR-57) go 1.21 miles

If you come from South County take 255 North, which intersects at Fosterburg Rd (go North), follow above directions.

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## Invention of the submarine

Leonardo da Vinci (1452-1519) made sketches of a submarine and William Bourne, a British mathematician, drew plans for a submarine in 1578. But it was only in 1620 that Cornelius van Drebbel, a Dutch inventor, managed to build a submarine. He wrapped a wooden rowboat tightly in waterproofed leather and had air tubes with floats to the surface to provide oxygen. Of course, there were no engines yet, so the oars went through the hull at leather gaskets. He took the first trip with 12 oarsmen in the Thames River – staying submerged for 3 hours.

The first submarine used for military purposes was built in 1776 by David Bushnell (1742-1824) of the US. His “Turtle” was a one-man, wooden submarine powered by hand-turned propellers. It was used during the American Revolution against British warships. The Turtle would approach enemy ships partially submerged to attach explosives to the ship hulls. The Turtle worked well but the explosives did not.

Two rival inventors from the US developed the first true submarines in the 1890s. The US Navy purchased submarines built by John P Holland, while Russia and Japan opted for the designs of Simon Lake. Their submarines used petrol or steam engines for surface cruising and electric motors for underwater travel. They also invented torpedoes which were propelled by small electric motors, thereby introducing one of the most dangerous weapons in the world.

Submarines are also called U-boats, which is short for Unterseeboot, the German word for undersea boat.

The first nuclear-powered submarine, the USS Nautilus, was launched in 1955. In 1958 the Nautilus made the first voyage under the polar ice pack, completing the 2945 km (1,830 miles) journey in 6 days.

The first submerged circumnavigation of earth was made in 1960 by the nuclear submarine USS Triton.

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### The Admiral ... the end of an era

Photos taken from the bluff across the river from the site where The Admiral was destroyed in the summer of 2011. The location is just south of the J.B. Bridge looking over into Illinois .







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The river above the river:  
Magdeburg Water  
Bridge, Germany.



A century has sailed by since the luxury steamship RMS Titanic met its catastrophic end in the North Atlantic, plunging two miles to the ocean floor after sideswiping an iceberg during its maiden voyage. Rather than the intended Port of New York, a deep-sea grave became the pride of the White Star Line's final destination in the early hours of April 15, 1912. More than 1,500 people lost their lives in the disaster. Since the 1985 discovery of her resting place off the coast of Newfoundland, her story has entered the public consciousness as a powerful cautionary tale about the perils of human arrogance.

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Pacific, MO 63069