



The St. Louis Admirals R/C Model Boat Club

<http://stlouisadmirals.com>



BROADSIDE

25 September 2018

Commodore – Jane Benefield	(636) 447-4016	Secretary – Bob Keeler	(314) 434-8640
Vice-Commodore – Kent Morgan	(314) 892-8669	Asst. Secretary – John Ziemer	(636) 566-8810
Asst. Vice-Commodore – John Ziemer	(636) 566-8810	Editor – Jane Benefield	(636) 447-4016
Treasurer – George Kirby	(636) 978-6288		

It is with great sadness that I report that the spouses of two of our members have passed into God's hands. Sue, the beloved wife of John Ziemer, and Gwyn, the beloved wife of Emil Wolfshoefer. Michael and I were able to pay our respects to both families on behalf of ourselves and the Club.

NOW HEAR THIS YOUR COMMODORE FROM THE BRIDGE



A special thank you goes to Fred Burk who was kind enough to invite us to the Greentree Festival in Kirkwood and another thank you to the City of Kirkwood for providing us with tables, chairs and other amenities to make this a comfortable event. In attendance were the Eagles Sailing group, Fred Burk, our own Phil Frisch and Michael Benefield and myself. Thank you, Fred, for a wonderful and fun time at your annual Festival event and we look forward to a welcomed invitation next year.

We want to also send a special thank you to Bob Guilding for inviting the Admirals Club to the Armchair Sailing Society in Innsbrook, Missouri, and allowing us to be a regular part of their sailing event on Mondays.

Scheduled Events	
Saturday 29 & Sunday 30 September 2018	Annual Regatta at the Boathouse in Forest Park
Wednesday, 3 October 2018	
Wednesday, 7 November 2018	Presentation
Wednesday, 5 December 2018	Christmas Gathering

NOTES

Next Gathering: Wednesday, 3 October 2018

Prior to our 5 PM monthly 1st Wednesday-of-the-month dinner-meeting, sailing is from 2-4 PM at our usual St Ferdinand Pond, Florissant, MO – weather permitting. Dinner set for 5:00 PM at our **Handel's Restaurant**, 599 St Denis, Florissant, MO 63033, followed by our 7:00 PM meeting at our meeting place at the **Old St. Ferdinand Shrine**, the **Old School House**, 1 St. Francois Street, Florissant, MO.

3rd Sunday every month (2-4 pm), March thru November: Sailing at St Ferdinand Pond -- weather permitting.

Gratefully,
Jane
Commodore

Secretary's 5 September 2018 Meeting Minutes

Call to Order / Pledge of Allegiance:

Commodore Jane opened the meeting at 7:00 P.M. at Old St. Ferdinand Shrine, the Old School House. There were 9 members and spouses present. We were pleased to see Larry Hull and his wife, Alma, in attendance. The Pledge of Allegiance was led by John Ziemer.

Reports, Administration -- Segment

1. Commodore's Opening Comments:

- A. With great sadness I report that our member John Ziemer's wife Sue lost her long battle with cancer. Michael and I attended the Sunday, 2 September funeral service on behalf of ourselves and the Admirals Club. We grieve with John for his tragic loss. He and his wife loved deeply, and John's children, grandchildren and greatgrandchildren were there with him.
- B. Michael and I received an invitation from Bob Guilding for their Monday sailing, which was 27 August 2018, 9AM. The weather was nice, but the winds were too strong for any model boat (almost white caps). We enjoyed exchanging modeling information and hope to visit them again when we receive an invite. As a matter of fact, Bob invited Michael and I back to Innsbrook on 3 September for to run sea trials of our R/C boat models. Michael and I had the pleasure of joining the Innsbrook Armchair Sailing Society to check out our model R/C sailboat "Fairwind". Your Commodore also had the privilege of running one of Bob Goulding's model R/C Sailboats and I enjoyed it very much. Thank you again Bob for your kindness.
- C. **BlueSky Apparel t-shirts:** Finally, the color logo design has met approval. Please order your t-shirts, front logo only will cost \$10.00, logo on back and front is \$15.00. There will be a one-time set-up fee of \$15.00. Long sleeved, XL and larger will have price differences. There is no minimum purchase requirement. Now we are working on patches.
- D. **Kirkwood Greentree Festival:** Michael and I attended the community organizing meeting for the Kirkwood Greentree Festival by invitation from Fred Burk. It was a very interesting and informative meeting and we have a total of 7 parking tickets, so if you are interested in attending the 16 September 2018 event, please let me know. To get a good parking spot, please be there by 9:30AM. Hope to see everyone at the event.



Greentree Festival
Sail boat event
Sunday, 16 Sept 2018

2. **Secretary's Meeting Minutes Report – Bob Keeler:** The August 2018 meeting minutes were published/printed in the August 2018 Broadside newsletter. Motion to approve the meeting minutes as printed was made by John Ziemer, seconded by Mike Allgood. Motion approved.

3. **Treasurer's Report – George Kirby:** Presented the Treasurer's report for August 2018. Motion to approve the report was made by Bob Keeler; seconded by Larry Hull. Motion passed.
4. **Vice Commodore -- Comments/Actions – Kent Morgan:** None (out of town).
5. **Commodore -- Comments/Actions:**
 - A. **Amendment of By-Laws:** under revision (as previously voted on).
 - B. Collection was held for St. Ferdinand School House.

Boat Club Items and Notices of Interest -- Segment:

1. Fleet-Event Notice, Preparation and Fleet Activity Information.

- A. **Kirkwood Days Festival – Sunday, 16 September 2018.** Power boats times are 10 A.M. to 11 A.M.; 12 P.M. to 1 P.M.; 2 P.M. to 3 P.M. Sailboat times are 11 A.M. to 12 P.M.; 1 P.M. to 2 P.M.; 3 P.M. to 4 P.M.
 - B. **Regatta 2018:** The dates are September 29 and 30, 2018. The fee will be same as last year: \$10 for first boat, \$20 for 2 or more boats. Also, we will be in the tent area, so boats will have to be removed Saturday night. Official times (open to the public) will be 11AM-4PM Saturday and 10AM-4PM Sunday. Admiral Club members convene an hour earlier on both days. Bob Keeler reported that he had ordered plaques and had reviewed proofs. Larry Hull also donated a boat hull for a free raffle to the membership at the Regatta. Thank you, Larry, for your generous gift to the club event. A week or two after the 5 Sep Club meeting, Luther Disher also kindly donated an R/C Tug for paid raffle at the Regatta.
2. **Dues** are \$30 per year if you receive newsletter by email; \$40 if you receive newsletter by mail. Dues are now past due. Commodore Jane requests all to please keep dues current.
 3. **SSMA Individual Membership Renewal Information:** Please let Bob Keeler know when you have renewed so he can keep track for club insurance purposes. Send dues to the SSMA Membership Director: Heinz Ricken, SSMA Clubs/Membership Director, 514 Cranford Avenue, Cranford, NJ 07016.

Articles/Presentations/Show-and-Tell/ Meeting Segments:

1. **Articles Meeting Segment:** Admiral's Club Newsletter Voluntary Articles (as of 5 Sep 2018, updated monthly): Completed and submitted voluntary articles to be published in an appropriate month of the Admiral's Club Newsletter. Please contact Commodore Jane if you have any ideas, thoughts or wishes for future presentations or article topics.
 - A. **Ed Gant:** Ed's health is not so good, and he feels he will not be able to provide an article on river towboats. We are sending our good wishes to you and hope you will feel better soon.
2. **Presentations Meeting Segment:**
 - A. **Past Presentations**

Phase 1:

R/C Components:

Propellers – October 2017 – Kent Morgan
Electric Motors -- February 2018 meeting: Bob Keeler
Batteries – March 2018 meeting: Michael Benefield
Servos- April 2018: Bob Keeler

Phase 3:

Ship/Boat Structures:

Sailing/Sail Boats -- January 2018 meeting: Michael Benefield

- B. Presentation Topic Schedule/Sequence** (as of 5 Sep 2018): All topic presentations are temporarily held in abeyance, and in the interim, they will be individually conducted on an ad hoc basis. In addition, during this temporary period, topic presentations and presenters will be announced whenever practical (*refer to the April 2018 Newsletter for Phase details*).

Phase 1: *R/C Components (continued), Electronic Speed Control, etc.*

Phase 2: *R/C Systems: Transmitters, Receivers, Components, etc.*

Phase 3: *Ship/Boat Structures (continued), hulls, superstructures, etc.*

Phase 4: *Ship/Boat Kit- and Scratch-Building Common Areas*

Phase 5: *Ship/Boat Kit Unique Building Techniques*

Phase 6: *Ship/Boat Scratch Unique Building Techniques*

Phase 7: *The Practical/Attainable Workshop*

- C. Presentation Ideas List** (as of 5 Sep 2018): Suggested ideas for future Admiral's club-meeting presentations and related published articles (including non-presentation articles) for the Admiral's Club monthly newsletters. Please feel free to suggest to Commodore Jane additional ideas that a club member may want to have added to this list:

History of SS Admiral
History of Eads built Civil War Gunboats
History of the USS St Louis
Special Mississippi and Missouri River boats
Unusual barge loads and boats (i.e. aircraft and submarines)
Barge Designs
Lock and dam operations.

- D. Presentation for this meeting: None**

3. Show and Tell Meeting Segment:

- A. Larry Hull** brought a hull for a river towboat and offered it to anyone who wanted it. Paul Kirby took him up on his kind offer.
- B. Larry Hull** also brought pictures of past Regattas and the Grafton Towboat Festivals which he donated to the club.
- C. John Ziemer** inquired if anyone could help him figure out a way to make a pirate ship with cannons that could be individual fired that would have a puff of smoke come out when fired. Michael Benefield offered to help him.

Round Table Discussion – Meeting Segment: None

Next Meeting: Wednesday 3 October 2018 at 7 P.M. Old St. Ferdinand Shrine, the Old School House

The meeting was adjourned at 7:24 P.M.

Respectfully submitted, Bob Keeler

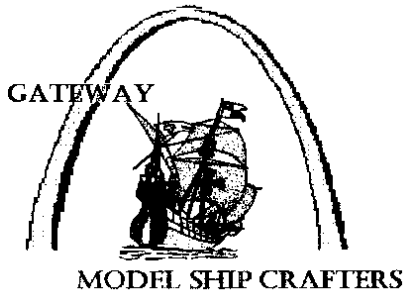
Bill Kammermeyer, President
636 230-3921

Howie Smith, Sec'y
314-837-5653

Meeting: 13 September 2018

Gather at 6:30 p.m. Meeting begins at 7:00 p.m.

The Workshop of Bill Kammermeyer
1533 Carman Rd
Ballwin, MO 63021
636-230-3921



August Meeting Highlights:

After spending a few minutes commemorating completion of the 4th year of activity on our Ironclad model project, we reviewed the individual Tasks assigned to those Shipcrafters in attendance, for accuracy and current progress status. Unassigned items include the appropriate flags & banners, hammock rails and netting, and especially figurines for the crew and officers in historically accurate uniforms which is becoming critical for those to be displayed in the lower hull confines. We also recognized our appreciation for the sacrifices made by Ironclad Project Members in abandoning or deferring their personal ship modeling projects to continue support of this activity.

We then spent some time reviewing the progress on the forward 45-degree casement sub-structure and intersection with the Hurricane deck (Photo 1) and future steps required to complete this 2-foot thick iron plate sheathed and solid wood structure. Similarly, the lighter, unarmored stern 1-foot solid wood casement structure (Photo 2) progress and future activity were summarized. Sections of gun deck planking (Photo 3) which represent the 4-port side casement gun stations (Photo 4) were also dry-fit at their respective gun ports. Tom described his progress on his brass machining project (Photo 5) for the 8"-smooth bore cannon (Qty 3) and 30-pdr Parrott Rifles (Qty 2), Bill's completed steering-wheel (Photo 6) was posed for a dry-fit in the pilothouse, which is currently being armored by Tim & Vince. Completed gun deck furnishings, including the highlighted galley stove, were posed in typical locations (Photo 7). We also made plans to perform a comprehensive dry-fit of completed main engine room, Pitman Arm and wheelhouse & paddlewheel components at the September meeting while the Hurricane deck is temporarily removed.

"USS St. Louis" Project Status:

The primary focus this month has been on the construction of the sub-structure for the forward, stern and starboard side 45-degree casements. The vertical beams for the forward casement's removable center section (Photos 8 & 9) make up over half of the original wood & iron sheathed 25" thickness. Areas around the port side bow gun port are intentionally cut away to improve viewing of internal model features. Two of the horizontal second layer stacked planks have been dry-fit over the vertical first layer planks (Photo 10) which will form a base for the final layer of vertical armor plates that complete the forward casement. After dry-fitting of the complete stern casement vertical stacked beam substructure (Photo 11) which makes up about half of its original 12.5" solid wood thickness, it was glued up to include the 2 gun-ports for 30-pdr Parrott Rifles (Photo 12) and corner sections which form the intersection with the port & starboard side casements (Photos 13 & 14). Bill aligned and reinstalled the previously dry-fit starboard side casement frame beams between the gundeck and Hurricane deck (Photo 15) and permanently secured their upper ends to notches in an intercostal beam which is attached to the Hurricane "deck clamp" with screws. This arrangement will permit later separation of the Hurricane deck from the lower hull by removing these screws. We successfully demonstrated this separation (Photo 16) and also removal of the aluminum Hurricane deck support frame (Photo 17).

Scott has determined that the correct US flag for our October 1862 model of the USS St Louis contained 34 stars in the flag "union" and that President Lincoln refused to remove those stars for seceded Confederate States. From contemporary photos of City Class ironclads (Photo 18) the flag "hoist" (width) will be 4.6" with a "fly" (length) as 1.9 times the width. He will proceed with this flag fabrication which will be flown from a 35-foot (17.5") flag pole on the aft end of the Hurricane deck (Photo 19). Other flags and banners depicted in contemporary photos are being investigated.

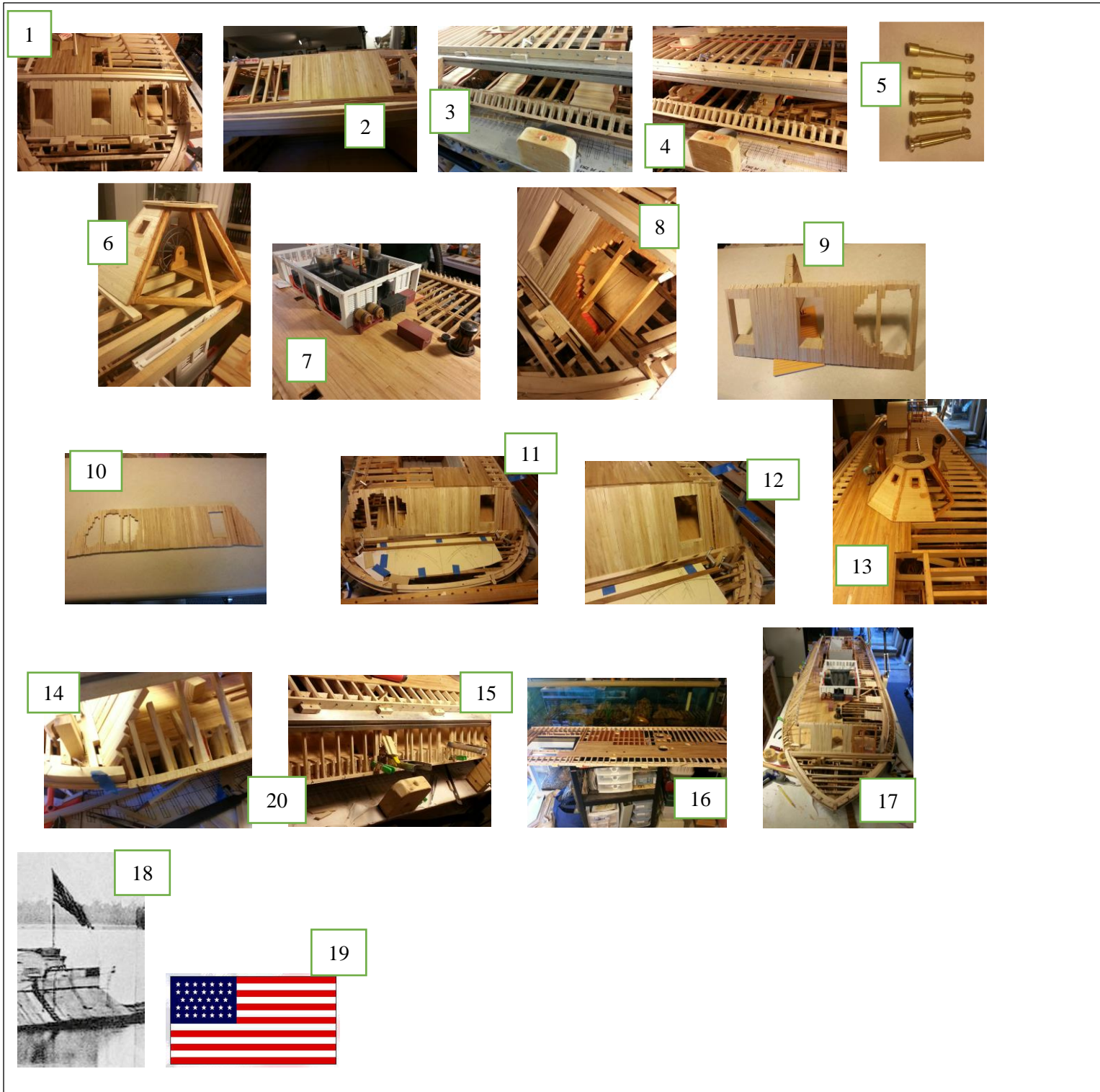
"We wish to express a big "Get Well Soon" shout-out to fellow Shipcrafter Tim Jovick. Tim was unfortunately recently struck by a car while leaving work but is now recuperating at home from some broken bones and related injuries. Hopefully he will be completely recovered by Christmas, in time to continue with his annual outstanding impersonation of Santa Claus for the local youngsters and all of us still young at heart!"

Note: For those interested in more detail on this project, we have been creating a scratch build log on the "NRG Model Ship World Forum" web site under the title "USS St. Louis" Ironclad. This forum can be browsed by anyone and accessed for full participation by simply registering a "user name" and "password" on line.

We still have a few other unassigned interesting model subassemblies for anyone interested. Please contact me if you are interested in this aspect of our ironclad project

I hope to see you there,

Howie



First Radio Control **Model Yacht** (Sailboat) and other R/C history information prompted by Emil Wolfshoefler's keen interest in R/C boating history with collaborative research by Michael Benefield.

<https://usvmyg.org/history/the-first-radio-controlled-model-yacht/>

The First Radio Controlled Model Yacht (Sailboat), US Vintage Model Yacht Group, 10 Sept 1934

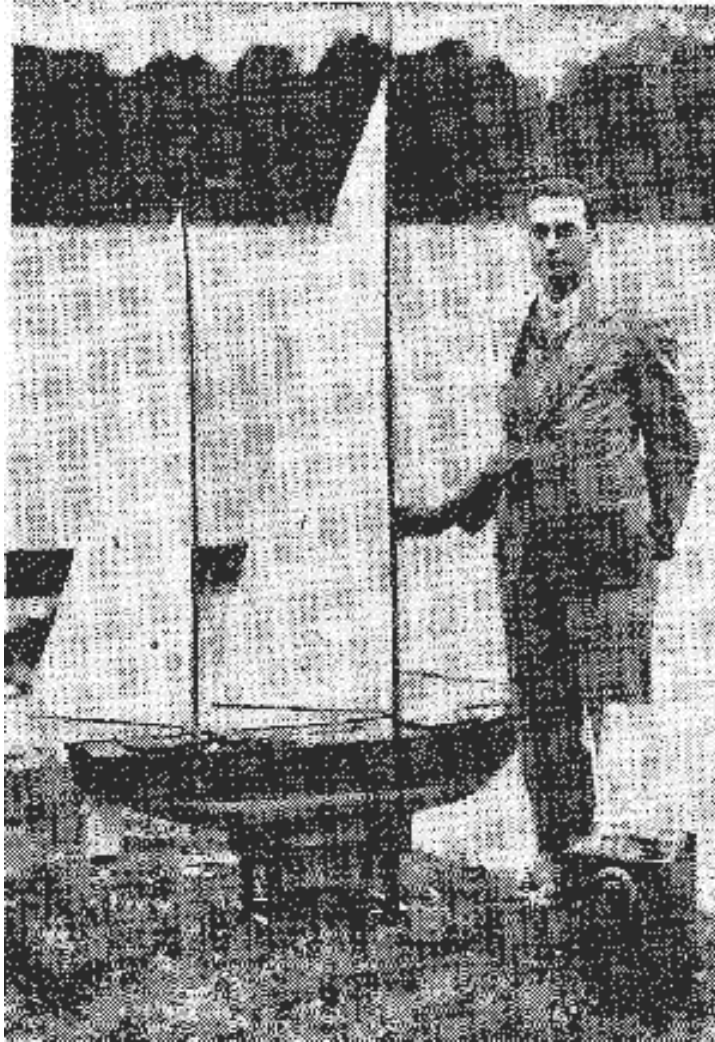


Fig. 1. Robert Henry Packard and the first remote controlled model yacht. (Boston Traveler, September 10, 1934)

On the 10th of September **1934**, the *Boston Traveler* printed this picture (Fig. 1) under the headline “Radio Controlled Boat Operated by Pressing Button in Box Ashore” The story began:

It was no less than sheer wizardry.

The tall youngster—22, with rimless spectacles, brown eyes behind them, a slender figure, pressed a button upon a little box ashore and the boat—a triangular sail schooner rig model boat afloat upon the water—changed her course, tacked in an orderly and technical manner, and swung off on the starboard leg of her course.

There was of course no one aboard this craft—a model six feet overall—and everything worked ‘by magic.’

A somewhat less breathless description had appeared the previous May, when Robert Henry Packard, a PhD candidate at Harvard, presented a student paper at the North Eastern District Meeting of the American Institute of Electrical Engineers. In his paper, Packard described how he set out to solve the problems inherent in controlling a model yacht with the radio gear of the day. The principal problem, of course, was that he was limited to pulse or “bang bang” control, and somehow had to convert that to smooth analog motion of sails and rudder, and do so within the confines of what was, by today’s standards, some pretty bulky equipment.

The general layout of the equipment is shown in Fig 2.

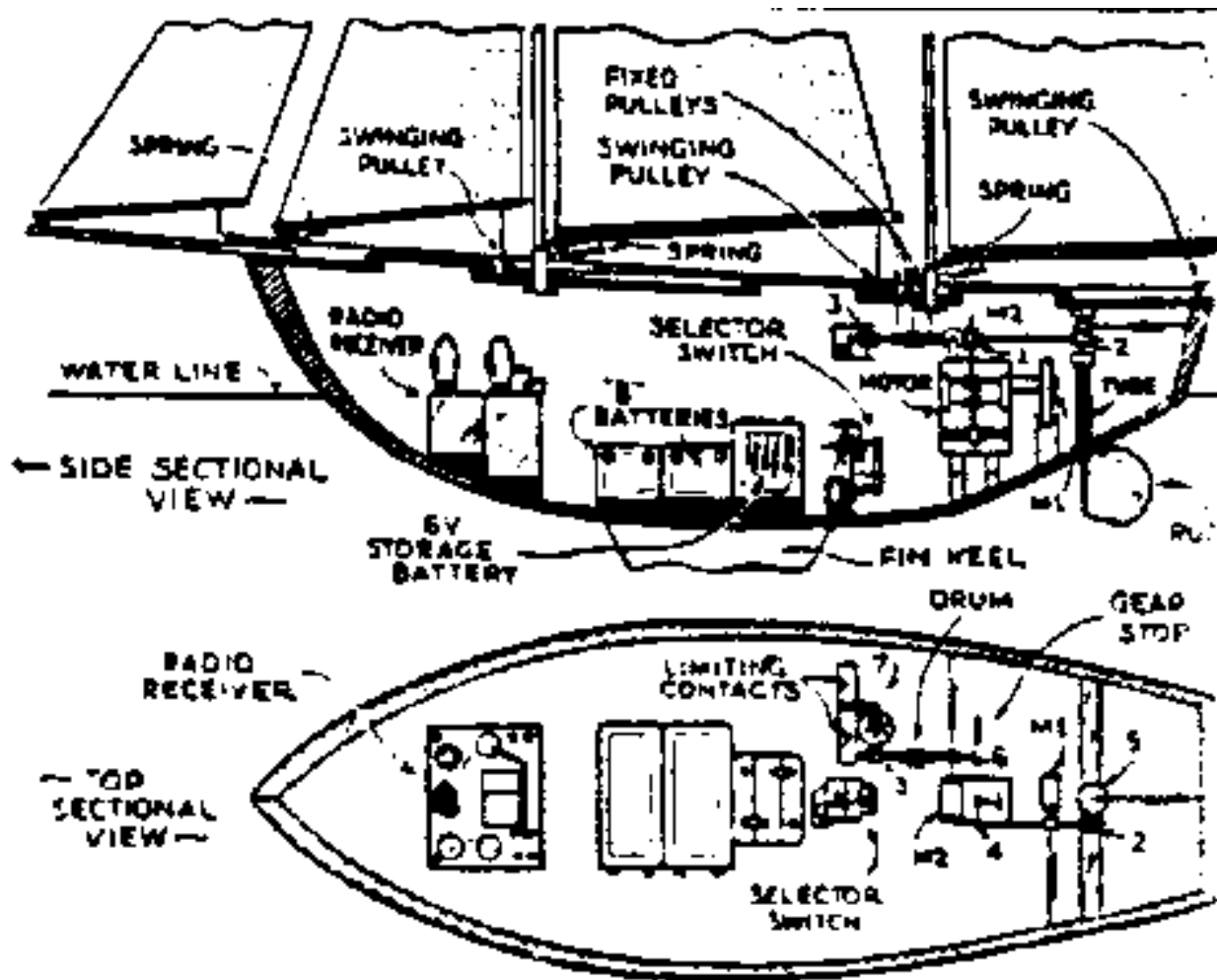


Fig 2. Electronics in the boat.

A single motor acted as both rudder servo and sail winch, with a gearshift used to select the desired function. The pulse commands were used to shift the gear to sail or rudder control, select the direction of motion, and start and stop the motor. A friction clutch was used so that if the servo motor turned either the sail drum or the rudder to the end of its travel it would not jam the mechanism.

Pulses were transmitted automatically by a clockwork pulser on the transmitter that operated off of one of five buttons: push button one, get one pulse; push button two get two pulses, etc. Lights on the tops of the mast blinked as pulses were received, so the operator knew what was happening inside the control system. The electronics were pretty straightforward. A one-tube Hartley oscillator transmitted at 78 meters. The standing rigging of the yacht was used as an antenna, and the receiver was a three-tube regenerative set with a sensitive relay instead of earphones.

The heart of the system was what Packard called the "selector" in Figure 3.

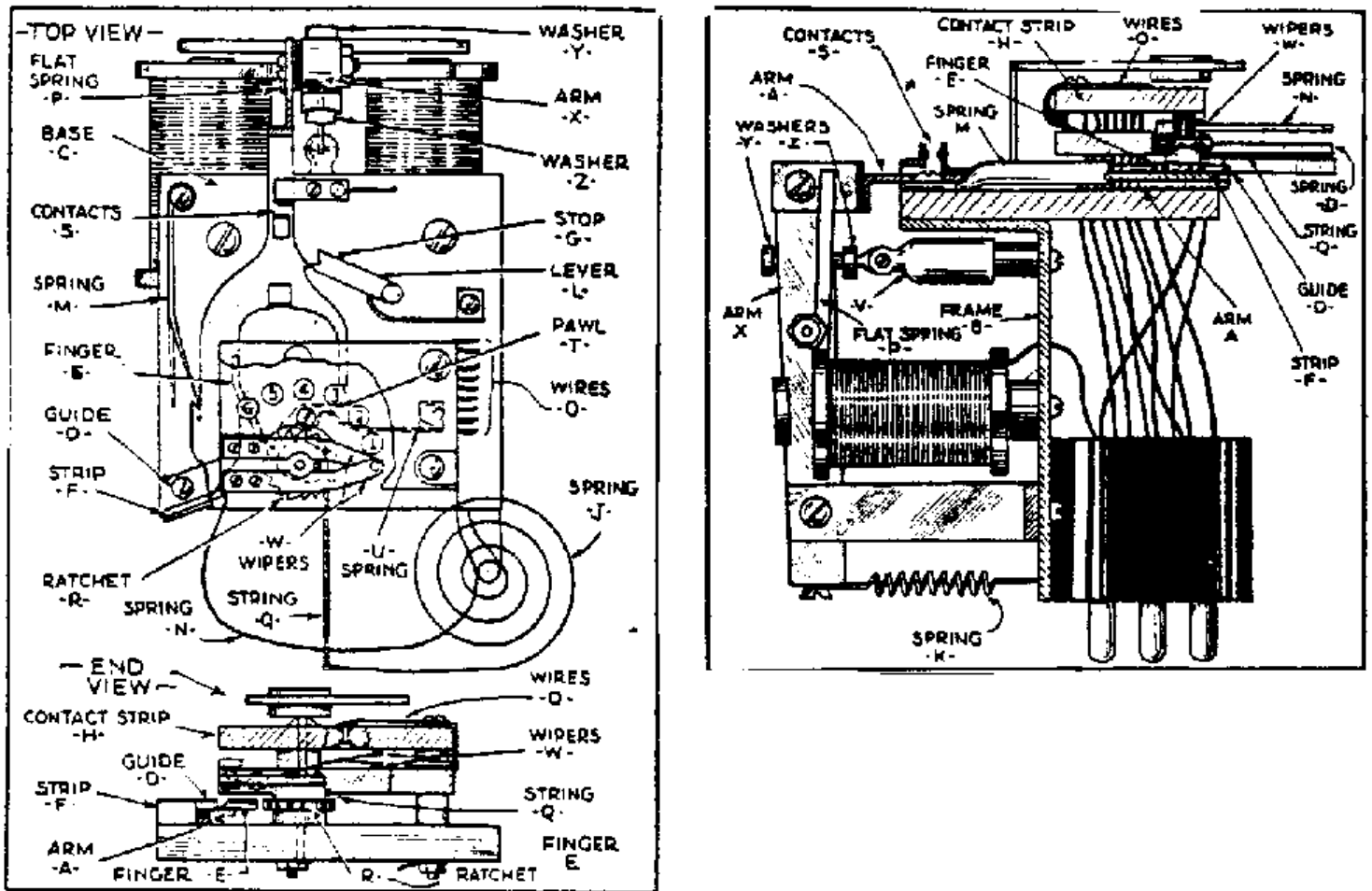



Fig. 3. The selector.

It was a spring-wound ratchet escapement with six possible positions; only four were used in actual operation.

Pulses sent with less than one second intervals advanced the escapement; two pulses separated by more than one second caused it to rotate to the "home" position and stop whatever servo motion was in effect. Thus [pulse] [short] [pulse] [short] [pulse] would move the selector to position three, shift the gear to the sail winch, and start turning the drum. The drum would rotate until either it hit the stop, in which case the friction clutch would disengage, and the motor would rotate freely, or until [pulse] [long] [pulse] was received, in which case the selector would return to "home", and the motor would stop.

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The St. Louis Admirals R/C Model Boat Club

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ST. LOUIS ADMIRALS RC MODEL BOAT CLUB REGATTA - September 29-30, 2018

INFORMATION AND REGULATIONS

GENERAL INFORMATION

The St. Louis Admirals are proud to announce their 30th Annual Regatta, again this year at the Boat House in Forest Park, St Louis. This event is open to the public and anyone interested in model boating at no charge. The only cost for registered Regatta participants is for the display and/or trophy competition for their boats at the show. As usual, we are inviting electric and sail (sorry, no gas powered or live steam boats) to join in the fun.

REGISTRATION AND DISPLAY

Registration starts at 1100 hours (11:00 a.m.) until noon Saturday, September 29. The Registration Fee remains the same as it has been --- \$10 for the first boat, \$10 for a second boat, and all additional boats will be FREE. The fun will begin at 11:00 a.m., last until 1600 (4:00pm.) Awards will be presented at 1500 (3:00 p.m.) on Saturday. On Sunday, September 30, we will start at 1000 hours (10:00 a.m.) until 1400 hours (2:00 p.m.).

A Regatta Committee Official will be present at registration to assist in explaining this year's Regatta information and rules. That Official will determine in which of the three assigned table areas your boat will be placed:

- Kit or Scratch Built To Be Judged
- Kit or Scratch Built To Be Displayed but Not Judged
- Ready to Run /Purchased (No Judging)

A participation plaque will be given to each registered boat Captain.

Once a boat has been assigned to an area by a Regatta Official, the boat must stay in that area. There are no secondary boat classes (e.g. tugs, submarines, etc.).

Ready to run boats are welcome for display and sailing on the lake. Our objective is to encourage all Captains to run boats and have a good time. We want a lot of boats out on the lake and also to share information with the public to put on a good show.

We will have our display area in the Boat House tent this year.

RADIO CONTROL

Only valid radios per FCC Regulations will be able to operate a boat. For all frequencies other than 2.4 GHz, please be sure your correct frequency is marked on your transmitter with a flag and that you have attached a name tag with phone number. There will be no transmitter impound. A frequency board for 75MHz will be provided. Captains must determine if their frequency is in use. If not, he will mark that channel as being used on the frequency board. Upon completion of sailing, he will remove his marker, thus making that channel available for the next captain. Boat captains will be responsible for protecting their own transmitters.

JUDGING

The following trophies will be awarded:

- Best of Show
- 2nd Place
- 3rd Place

Each boat must qualify as a fully operational R/C Model, as determined by club officials. Only boats that have been scratch built or kit built by the Regatta participant will be eligible for a trophy. You must sail your boat with a Regatta Committee member observing to be eligible for a trophy.

Boats will be judged by all paid participants, with Regatta Chairman breaking ties.
PLEASE USE ONLY THE OFFICIAL 2018 REGISTRATION

All inquiries regarding this year's Regatta should be made via email to Bob Keeler at:
keepad@aol.com
HAVE A GREAT TIME AT THE REGATTA!!!

The Regatta Committee: Bob Keeler - Chairman, Jane Benefield – Commodore and co-chairs Kent Morgan and John Ziemer



The St. Louis Admirals R/C Model Boat Club

<http://stlouisadmirals.com>



ST. LOUIS ADMIRALS MODEL BOAT CLUB

THIRTIETH ANNUAL REGATTA

SEPTEMBER 29 AND 30 , 2018

OFFICIAL 2018 REGATTA REGISTRATION FORM

Name _____

Address _____

City, State, Zip Code _____

Phone _____ E-mail _____

Each boat must qualify as a fully operational R/C Model, as determined by club officials. Only boats that have been scratch built or kit built by the Regatta participant will be eligible for a trophy. NOTE: RTR = ready-to-run

Status Category: Scratch (S); Kit (K); Ready-to-run (RTR)


Boat Name and Description	Status	For Judging	Judge Chip No.
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

REGATTA REGISTRATION FEES: \$10 one boat; \$20 two boats; additional boats free.

Make checks payable to: St.Louis Admirals R/C Model Boat Club

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