

Mississippi Bend Model Boaters "in the water" meetings are held Saturday mornings 10:00 AM to 12:00 noon Middle Park Lagoon Bettendorf, Iowa.  
In addition, November through March we meet on the second Monday of each month at: Bettendorf Community Center 2204 Grant Street Bettendorf, Iowa 7:00 – 9:30 PM  
Additional information can be found at: [www.thembmb.org](http://www.thembmb.org)



## March 2007

# From the Pilot House

## The Newsletter of the Mississippi Bend Model Boaters

### 2007 Club Officers

President: David Krohn  
Vice Pres: George Turnquist  
Secretary  
Treasurer Matt Engebretson  
Public Relations David Wendel and Howard Hansen

### February Meeting

The February meeting was sparsely attended as the weather on February 13 was ugly. However, Fred Lorscheider did a fantastic job with a presentation on Motor Selection. Selecting the right power system for your next project (or your first project) can be hit or miss at best or you could read Fred's Motor Selection guide.

Motor selection is dependant on hull shape, size and weight, voltage to the motor, scale speed performance and propeller selection. Fred also points out that high speed and high torque, typically draw heavy current loads from the battery resulting in shorter run times.

Fred's presentation also included a section on Calculating Motor Performance and presents formulas to calculate: scale model displacement, scale speed, propeller RPM, motor performance and torque output. The presentation also included Motor and Speed Control Protection, how to decipher motor codes and product source information.

The information contained in Fred's presentation certainly can be helpful during pre-construction, but also used for post-construction evaluation. Example, your fishing trawler that in real life has a top speed of 15 knots and your model's top speed is actually 30 (scale) knots. Applying the formulas you can now accurately calculate what outcome a higher gear reduction or a propeller with less pitch will have to slow your top speed and extend run time by drawing less current.

If you missed this presentation and would like a copy of the written documentation let me know. Thank you Fred, this is a well thought out presentation ***Ship Shape and Bristol Fashion!***

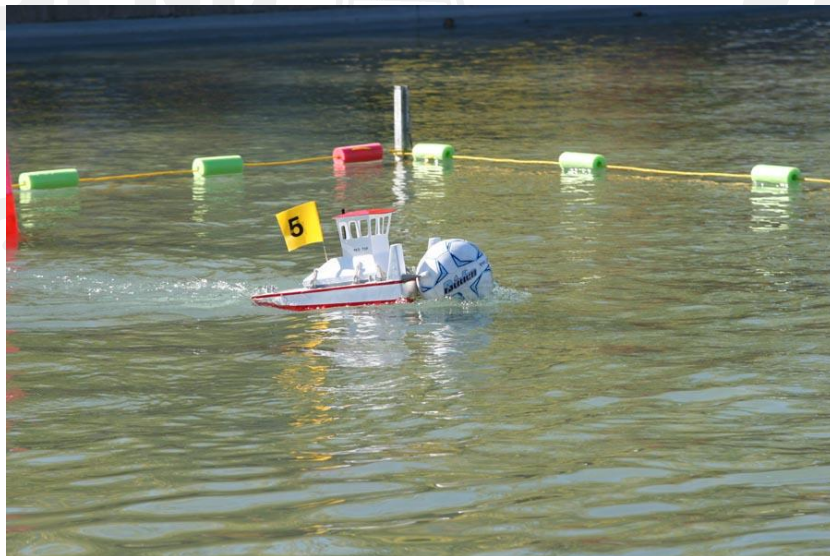
Mississippi Bend Model Boaters "in the water" meetings are held Saturday mornings 10:00 AM to 12:00 noon Middle Park Lagoon Bettendorf, Iowa.  
In addition, November through March we meet on the second Monday of each month at: Bettendorf Community Center 2204 Grant Street Bettendorf, Iowa 7:00 – 9:30 PM  
Additional information can be found at: [www.thembmb.org](http://www.thembmb.org)



## **Springer Polo Class**

Another item introduced at the February meeting was the “**Springer**” polo boat. It seems that Matt was thinking about building some type of rescue craft to assist model boaters in distress. The Springer design is based on an existing work boat that operates in Alaska. Several West coast model clubs have “Springer Only” events that consist of pushing, towing, hauling type events and even water polo.

Well, one thing has lead to another and it seems that the Bettendorf Lagoon will be seeing more than a few of this boat in the spring. The Springer is a one design class, if you are interested in building one a full size drawing is available.



The basic Springer specifications are very simple. The basic boat is to be 18 inches long and 8 inches wide with a flat bottom.

The other specifications are:

A six-volt battery shall power the motor.

The propeller shall be 3 bladed and no larger that 40mm in diameter.

The rudder shall be a maximum are of 4 square inches.

The complete requirements can be found at [www.shipmodelers.com](http://www.shipmodelers.com)

The cabin and other features on deck will be left to the discretion of the builder.

Mississippi Bend Model Boaters "in the water" meetings are held Saturday mornings 10:00 AM to 12:00 noon Middle Park Lagoon Bettendorf, Iowa. In addition, November through March we meet on the second Monday of each month at: Bettendorf Community Center 2204 Grant Street Bettendorf, Iowa 7:00 – 9:30 PM Additional information can be found at: [www.thembmb.org](http://www.thembmb.org)



### **MBMB Frequency Chart**

If you are thinking about building a Springer polo boat and will be purchasing a new radio or use one of your existing radios be sure to check for an open frequency. There is some interest in developing "polo matches" and it is vital that each Springer has a unique radio frequency.

Remember MBMB frequency information can be found on the web at: [www.thembmb.org](http://www.thembmb.org).

Also if you have upgraded to a Spectrum radio and are converting your fleet let us know when channels are no longer occupied.

### **Davenport Radio Control Society Swap Meet**

Sunday February 18<sup>th</sup> the DRCS held their annual swap meet at the National Guard Hanger in Mount Joy. Several members displayed boats and many more attended this year's event.

The DRCS March newsletter ([www.davenport.rc.org](http://www.davenport.rc.org)) indicated that this year's attendance was about equal to last years but table sales were less than last year.

This event was almost exclusively plane stuff but since Leo, George and Bob were manning tables I'm sure it looked like the fleet was in town. Thanks to everyone who attended this event.

Mississippi Bend Model Boaters "in the water" meetings are held Saturday mornings  
10:00 AM to 12:00 noon Middle Park Lagoon Bettendorf, Iowa.  
In addition, November through March we meet on the second Monday of each month at: Bettendorf  
Community Center 2204 Grant Street Bettendorf, Iowa 7:00 – 9:30 PM  
Additional information can be found at: [www.thembmb.org](http://www.thembmb.org)



## **2007 Events:**

May 6 (Sun.), Fun Run: Riverside Park, Moline  
May 10 (Thur.), 8:00 AM to 4:00 PM Senior Voice Event,  
Mississippi Valley Fairground, Davenport  
June 3 (Sun.), Fun Run: Prospect Park, Moline  
July 1 (Sun.), Fun Run: West Lake Park, Davenport  
July 4 (Wed.), Cardboard Boat Regatta, Sunset Park Marina, Rock Island  
Aug. 5 (Sun.) Fun Run: Sunset Park Marina, Rock Island  
Sept. 22 (Sat.) MBMB Regatta, Middle Park Lagoon, Bettendorf  
Sept. 29 (Sat.) MBMB Regatta RAIN DATE, Middle Park Lagoon, Bettendorf

Soon we hope to have the dates of the Vander Veer Concerts in the Park, Bix Fest and Fall Festival.

## **2007 Boating Season**

With the warm weather the ice is gone from the Bettendorf Lagoon, MBMB members have begun the Saturday ritual of gathering at the water edge. So scrape your bottom and apply a fresh coat of paint, charge those batteries, haul up the main sail and load the fleet into the car. See you at the waters edge.

Call or email with any questions or announcements for the next newsletter,  
David Krohn President  
563-785-6938 or [dkrohn@iowatelecom.net](mailto:dkrohn@iowatelecom.net)

**MODEL  
BOATERS**