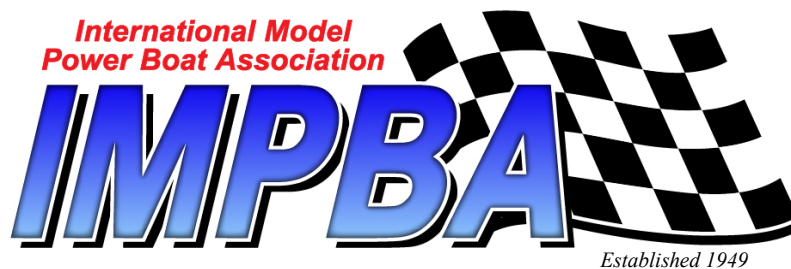


2018
I.M.P.B.A.
Nitro Nationals



Hosted by
THE RACER GROUP
Mt. Vernon, IL
July 12th thru 15th

Lake Address:

Mt Vernon Airport, 100 Aviation Dr., Mt. Vernon, IL 62864

Lake Directions:

From Interstate 57 take HWY 15/Broadway St. east all the way through town then turn left on Aviation Dr. Lake will be on your right.

From Interstate 64 take HWY 242 north(right) to Wayne City then turn left on HWY 15 go 15 miles and airport will be on your right.

Lake Side and Camper Rules:

Racers may keep their race trailers and tents up all week along pit row. Campers can park on the street above the lake, or they can park lakeside. Lakeside campers **MUST** be parked front to rear and not parallel to the bank. Campers wanting electric hookup must reserve them with CD before the event. There is a very limited number of electric hookups and they are on a first-come first-serve basis. Race officials will be there to help with the set up and parking.

Open Water:

Controlled open water on July 11th only. Times will be assigned by classes at a later date.

Schedule:

- Heat racing and National Champion Final Round to finish up Saturday, followed by Special Event Racing. Sunday will be travel day unless needed due to weather delays.
- Banquet will be held SATURDAY, June 14 at 7:30 PM at the Airport, and is within walking distance of the pond. Extra Banquet Tickets are \$20.00 each as noted on race entry form.

Race Rules:

- **Paid Registration deadline is June 10, 2018. (Entries MUST be in CD hands by this date.) No telephone, e-mail, or late entries allowed. (NO EXCEPTIONS!)**
- **All entries must have an alternate frequency for each boat entered.**
- **All IMPBA rules apply. IMPBA cards must be shown at time of check in.**
- **APBA & NAMBA members welcome with \$15 single-event fee -- *please SEND a copy of your membership card with your entry form.* Membership card must be shown at race.**
- **No boat limit. Eight Boats required to make a class.**
National Champion boats will run Format #1 (Shootout)

Host Hotels:

Drury Inn & Suites Mt. Vernon (618) 246-5201

145 North 44th Street, Mt. Vernon, IL 62864

FREE Hot Breakfast, FREE 5:30 Kickback® snacks and beverages, FREE long distance, FREE Wifi, FREE Soda and Popcorn 3 pm to 10 pm every night, Plus much more!

Please make reservation by **Monday, June 11, 2018** to receive the reduced rate.

Use the link below to make your reservation. Be sure to mention "Nitro Nats" for discount rate.

<https://www.druryhotels.com/bookandstay/newreservation/?groupno=2327489>

Reservations may also be made by calling **1-800-325-0720** and refer to the group number 2327489

Hampton Inn (618) 244-2323

Be sure to mention "Nitro Nats" for discount rate.

<u>Classes</u>	<u>Frequency</u>	<u>Alternate</u>	<u>Boat Color</u>	<u>\$10 each class</u>
B Outboard Tunnel				
D Outboard Tunnel				
E Outboard Tunnel				
F Outboard Tunnel				
B Mono				
D Mono				
E Mono				
F Mono				
<hr/>				
A Hydro				
B Hydro				
D Hydro				
E Hydro				
F Hydro				
Multi Engine Hydro				
Sport 40				
1/8 Scale				
Sport 21 Hydro				
B Sport Tunnel				
<hr/>				
Specialty Classes Sat After Heat Racing is done.				
RTR 18 Hydro				
Gas Scale				
Thunderboat				
King of the Lake/Unlimited Any IMPBA legal boat				
<hr/>				
Entry Fee - required	Includes one	<u>Banquet ticket</u>		\$25.00
NAMBA/APBA	\$15			
Extra Banquet Ticket	\$ 20 each	Number desired	_____	\$
<u>T shirt</u> <u>\$15 per shirt</u>	Sizes S, M, L, XL, 2XL, 3XL,4XL	Size _____ Size _____ Size _____ Size _____	Qty. _____ Qty. _____ Qty. _____ Qty. _____	\$
Cutoff date 6-10-18	Payable in U.S. Funds	* There will be a \$20 fee for any returned check*		<u>Total \$</u>

Name: _____

Address: _____

Phone: _____ Cell: _____

EMAIL: _____

IMPBA#: _____ NAMBA/APBA#: _____

Contest Director: Mike Schindler (812) 760-8036 saymikey@gmail.com

Co-CD: Brad Maglinger (270)993-6995 bradmaglinger@hotmail.com

Make Checks Payable to: Mike Schindler

Mail to: Mike Schindler 1501 Frey Rd. Evansville, IN 47712

RTR 18 HYDROPLANE RULES OF COMPETITION

Abstract: The purpose of this document is to classify the rules for Specialty Class "RTR 18 HYDROPLANE" in District 14 IMPBA.

1 INTENT

The intent of this class is to provide an attractive class of racing to foster new membership to the model boating community. This is accomplished by providing a place for new boaters to experience the hobby of model boating, yet be an attractive class to even the most seasoned racer. This intent can be met by making the class both low in cost using readily available high volume production boats and parts, and by specifying rules to maintain class intent. The following sections shall support the intent of this class.

2 LEGAL BOATS

A legal RTR 18 HYDROPLANE boat must meet the following criteria:

- 2.1 It must be intended for the R/C hobby market.
- 2.2 It must be available from hobby shops and e-commerce nationwide, or have been available from hobby shops and e-commerce nationwide during or after 2007.
- 2.3 The boat/engine/radio system must be available as a ready to run package retailing for a maximum of \$400.00.
- 2.4 The boat as designed must use nitro power not to exceed 0.189 cubic inches (3.0cc).
- 2.5 The hull must be a full-body hydroplane with rear wings, at least 25 inches in length and no more than 33 inches in length.
- 2.6 It cannot resemble outrigger hydroplanes, tunnel hulls or catamarans.

3 ALLOWED MODIFICATIONS -- You may change parts, and or modify a legal boat to increase reliability, improve drivability, or to make your boat unique, ONLY if the modification is listed below.

- 3.1 You may paint and decal your boat however you wish - in fact, we encourage it! (No profanity or other disparaging remarks)
- 3.2 You may modify or replace the cowling to effect air flow to the engine compartment, or to suit a different look.
- 3.3 You may use any control equipment including any radio box, electronics, linkages, and battery may be used, as long as placement is not deemed advantages towards the Center of Gravity of the hull.
- 3.4 You may replace the engine with a glow engine up to 0.189 cubic inches (3.0 cc) that is or was original equipment from a legal boat made by the same manufacturer.
- 3.5 You may use any flywheel or backplate. Belt starting is allowed.
- 3.6 You may use any glow plug.
- 3.7 You may use any glow fuel (for example, with any nitro percentage).
- 3.8 You may use any turn fin, any rudder, and any brackets to support them. You may sharpen and polish all hardware.
- 3.9 You may change any silicone part, such as the fuel line or pipe coupler.
- 3.10 You may modify or replace the fuel tank with any tank.
- 3.11 Weight may be added to balance or stabilize the hull.

4 ILLEGAL MODIFICATIONS

- 4.1 You may NOT perform any of the following modifications.
- 4.2 You may NOT modify the engine. You must use the carburetor that comes with the engine. You may not modify the carburetor.
- 4.3 You may NOT modify the hull or remove detail parts. Repairs and preventative bracing are ok so long as they are not deemed to enhance performance.
- 4.4 You may NOT run without rear wings.
- 4.5 Additional wings, spoilers, air dams, or fins if deemed to stabilize the boat at speed are NOT allowed.
- 4.6 You may NOT use a 3rd channel fuel mixture adjustment.
- 4.7 You may NOT change, or modify the tuned pipe.

5 RACING RULES

Racing rules are per IMPBA rulebook unless as stated below.

- 5.1 Milling Procedure - In the effort to help group boats together on the start, and conserve fuel, the Half-Mill course will be allowed.
 - 5.1.1 You must complete a full out lap from the pits. Then, if you wish, you may cut the course from buoy 6 to buoy 1 from the front stretch to back stretch only.
 - 5.1.2 You must yield the right of way when cutting the course to any boat that has the chute.
 - 5.1.3 You may NOT cut into the course in the last 5 seconds of clock time.
- 5.2 Heat races shall be 5 laps.

6 Rules Enforcement

- 6.1 The Contest Director for an event is ultimately responsible for enforcing these rules.