

# AeroMarine Research

## TBPNews - Performance Report

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**TBPNews #149- March 31 2012**  
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>>>> **Tunnel Boat Performance News** >>>>> (over 5000 members!)  

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Check out [review of Jimboat's 13th Ed. "Secrets of Tunnel Boat Design" book in the last HotBoat magazine printed!](#)

### 1) Al Hameli Has Perfect Day To Win F1 H2O, Torrente stars to 4th In Qatar



DOHA - Ahmed Al Hameli battled Sami Selio at the race start, passed him on the first turn and went on to control the race and win for the first time in Doha taking the opening Grand Prix of the 2012 UIM F1 H2O World Championship for power boating in front of thousands of race fans along the corniche in Doha, Qatar on Saturday.

American driver Shaun Torrente put on a great show for thousands of racing fans in the UIM F1 H2O World Championship season opener in Doha, Qatar. The Miami driver steered his Qatar Team DAC boat from 18th position at the start to fourth place, less than five seconds behind race

winner Ahmed Al Hameli of Team Abu Dhabi.

Qatar Team's Shaun Torrente raced his way from last to fourth place in the UIM F1 H2O World Championship opener. Al-Hameli led from start to finish despite multiple yellow flag stoppages to begin the 2012 season with the maximum amount of points. The young Team Abu Dhabi driver was pushed by the two-time world champion, Sam Selio from the Mad Croc Team, for 39 of the 40 laps and went on to win by 2.63 seconds for his sixth career victory.

Meanwhile, Selio didn't get the luck he needed, finishing third after being in second for all but the final lap when he was passed by French driver Philippe Chiappe of the CTIC China Team, who jumped from fourth to second to pick up 15 well-earned points.

After suffering technical problems on Friday, Torrente failed to set a qualifying time and was forced to start the race from the back of the field. After a stunning surge, Torrente was sitting in third with less than five laps to go until a yellow flag came out forcing a third restart. On the restart, Chiappe made a great move to pass Torrente, who was on the verge of reaching his first career podium.

Torrente's teammate Alex Carella, who had qualified second on Friday, started back in the 16th position after his engine let go in Saturday's morning warm-up, forcing an engine change and moving him almost to the tail end of the field. The defending world champion worked his way toward the front, taking fifth for his third straight top five performance in Doha.

The 2012 UIM F1 H2O World Championship now heads for Kazan in the Republic of Tatarstan in Russia for the second straight year on the weekend June 23-24.

Check out more at: [apba-racing.com](http://apba-racing.com)

and at: [f1h2o.com](http://f1h2o.com)

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## **2) P1 SuperStock USA Championship series dates announced**



Powerboat P1 SuperStock USA Championship 2012 series kicks off in Florida at the end of March. The series is set for a second season of exciting and highly competitive offshore powerboat racing with five events on its race schedule.

For the second consecutive year, P1 SuperStock USA teams will race in Detroit, MI and Morehead City, NC with the addition of three new venues: St. Cloud, FL, Biloxi, MS and Pittsburgh, PA.

The season starts on March 30 - April 1 in St. Cloud, FL at 'Spring Fling' presented by the Rotary Club of St. Cloud. This kick-off event will bring powerboat racing back to St. Cloud for the first time in three years. St. Cloud was traditionally the season opener for APBA offshore powerboat racing starting in 1983 when teams would race East Lake Toho as an exhibition race at the beginning of each season. The second event of the season is scheduled for April 26 - 29 in Biloxi, MS for 'Smokin' the Sound.' P1 SuperStock USA joined the Offshore Super Series for 'Smokin the Sound' in 2011 as an exhibition race but this year's race will count towards teams' overall championship score.

Look for P1 SuperStock USA at the Miami International Boat Show where the P1-28SS Panther will be on display at the Marriot Biscayne Bay Hotel and Marina. Demo rides will be available for potential customers with serious interest in the boat.

### **P1 SuperStock USA 2012 Schedule:**

St. Cloud, FL March 30 - April 1

Biloxi, MS April 26 - 29

Pittsburgh, PA June 30 - July 1

Detroit, MI July 13 - 15

Morehead City, NC September 14 - 16

Check out more at: [powerboat-world.com](http://powerboat-world.com)

and at: [p1superstock.com](http://p1superstock.com)

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## **3) Great Powerboat Videos**



Check out these great videos....

.....[F1 tunnel vs. GranPrix hydro](#)

.....[Sir Malcolm Campbell's 1947 Bluebird](#)

.....[Bluebird at Lake Coniston](#)

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## **4) FEATURE: "Tammy Wolf - First North American Women at 24 Hours of Rouen"**

[...special contribution to TBPNews by Tammy Wolf]



After 17 years of commitment to this sport, I have had a lot of wonderful experiences in powerboat racing. I am very grateful for my involvement and especially lucky to have been introduced to boat racing at such a young age. It is an incredible feeling, floating a tunnel boat on top of the water one second then turning tight in the corner the next, however, this is nothing compared to the feeling you get

surrounded by the people involved with this sport, "the racing family". My personal powerboat racing experience started with my father, Fred Wolf. My father worked at Mercury Marine and on weekends we were lucky enough to be able to accompany him to the races in the Mercury truck. My father and countless other Mercury employees spent hours supporting the powerboat racing community. He dedicated his time to growing and promoting the sport. Our non-racing weekends were spent up at our family cottage with racing legends Oley Berkis, Ted Gryguc, and Mark Rotharmel. I remember my dad spending hours with these athletes helping them.



This year (May 26-28, 2012) I am honored to be the first Canadian, as well as the first North American Woman competing at the historic 48th annual 24 Heures Motonautiques de Rouen (24 Hours of Rouen). Some say it's the roughest and most challenging tunnel boat race in the world with 24 hours of competition and drivers changes every two hours. Just to finish at this event is a testament to the team, driver and equipment. I am overwhelmed and incredibly appreciative of the support from the racing community. On a weekly basis I receive personal messages and phone calls of encouragement. In racing the focus generally is on the driver but from my perspective the driver is only a very small part of a huge picture. Powerboat racing, at least from my viewpoint is about the racing family, a family that supports each other. A driver will not be successful; no matter how talented they are, unless they have a strong support system.

I am incredible thankful for my support system, "a racing family", that has surrounded and provided a foundation for both teams in Rouen and in North America. This includes our incredible sponsors that trust us to represent their name and company. Thank you to the race drivers, crews, supports and our fantastic sponsors. The fabulous Peter's and May family, APBA Historical Society, Motul, Teamtech Motorsports, Digatron USA, Mercury Marine – Canada and of course my husband, Mark and crew chief, Sam Haraway.

If you would like to follow our racing both in Rouen and in the USA, check out our social media sites on [Facebook](#)

...or [Twitter](#)

...or our website at [tammywolfracing.com](http://tammywolfracing.com)

*[Ed: Tammy will keep us 'up to speed' on her 24 Hours of Rouen debut!]*

Read more about Performance boat design and setup in the world acclaimed "[Secrets of Tunnel Boat Design](#)" book

See more Performance Articles at: <http://www.aeromarineresearch.com/articles.html>

***[Note: Do you have any of your own questions on performance hull design? Send your question or story to [Jimboat@aeromarineresearch.com](mailto:Jimboat@aeromarineresearch.com) ]***

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## 5) Performance Powerboat Books and Magazines



[Great deals on Performance Powerboat Books.](#) Check out all of the

books available on...powerboat history , boat building, powerboat racing, marine engineering, powerboat handling, powerboat design, outboard motors, aerodynamics for powerboats, hydrodynamics for powerboats, radio control boats, powerboat propellers & design, How-To for powerboating

See more at: [powerboatbooks.com](http://powerboatbooks.com)



Great deals on Performance Powerboat Magazines. We've got all of the mags that are on the market on....Performance Powerboats , boat buildings , bass boats , powerboat design, auto racing , RC/Model boating, Sport Fishing, RIB mags, Pontoon & Deck Boats. Also mags on Auto Racing, Hot Rod/Nascar, Watercraft/PWC, Waterskiing & Wakeboarding, Powerboating Industry, Yachting .

See more at: [powerboatmags.com](http://powerboatmags.com)

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## 6) NEW! 13th Edition "Secrets of Tunnel Boat Design" book



13th Edition "Secrets of Tunnel Boat Design" (ISBN# 1-894933-30-3) - By well-known powerboat design author and race-driver, Jim Russell.

Learn how to design and setup your own tunnel boat, power cat, or modified vee hull for all Recreation, Performance Family hulls, UIM & APBA racing or even RC models. (not just for racing applications!) This new edition has lots of new information; now with over 200 pages, and well over 150 photographs!

Get the most from your tunnel hull or vee-bottom boat setup.

The new edition includes an added 'History of Modified Tunnel Hull (Mod VP) Design'; an added 'History & Design of Propellers'; and an added 'History & Design of 'Wing in Ground Effect' (WIG) concepts, and the Ten Steps To Performance Powerboat Design. All outlining how they have impacted high performance powerboat and tunnel boat designs.

These new segments are added to the original STBD book features: The developments of the tunnel and V bottoms are interestingly chronicled, with detailed explanations of hull design, function, potential and characteristics. This unique book also details ten design steps for analysis of hull performance and stability showing how the calculations are accurately performed, as well as providing detailed information about their relation to hull performance. The ten steps range from layout design and dimensions, calculating aerodynamic and hydrodynamic lift and drag, power calculations, and stability, acceleration, etc.

### STBD book now includes:

- History of Tunnel Boat Design
- Design of Propellers
- Design of Lower Unit/Drive Units
- History of the Modified Vee hull
- History of the WIG (Wing in Ground Effect)
- 10 Steps to performance powerboat design

[Buy Now](#)

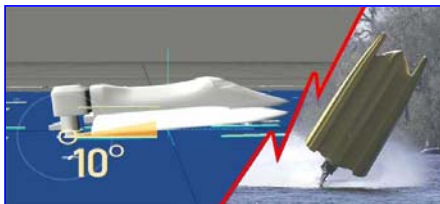
Also..check out the new TBDP© software V7.14 at: [aeromarineresearch.com](http://aeromarineresearch.com)

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## 7) Powerboat Racing on TV



\*\*\* **"Thrill Zone: Extreme Powerboats"** - National Geographic powerboat show.



Author **Jim Russell** (Jimboat) is powerboat design technical consultant on a new National Geographic special for "Thrill Zone" series...

Details at: ([channel.nationalgeographic.com](http://channel.nationalgeographic.com))

check out more at AR's website! [aeromarineresearch.com/NatGeo\\_thrill-zone.html](http://aeromarineresearch.com/NatGeo_thrill-zone.html)

\*\*\* **"Powerboat SuperLeague"** Series - Check out show schedule at [AmericaOne.com](http://AmericaOne.com)

\*\*\* **"IHBA Lucas Oil Drag Boat Racing"** Series on SPEED TV - Check next show at [speedtv.com](http://speedtv.com)

\*\*\* **"War On Water" TV Show** on The Water Channel - Check it out at: [www.waterchannel.com](http://www.waterchannel.com);

\*\*\* **"Boats on TV"** - See at: [www.boatson.tv](http://www.boatson.tv)

\*\*\* **"American Powerboat Television"** on The Water Channel - See: [americanpowerboat.tv](http://americanpowerboat.tv)

\*\*\* **"Honda Formula 4-Stroke Powerboat Series"** - Check it out at: [www.f4sa.co.uk](http://www.f4sa.co.uk)

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## 8) Jimboat's Feature Articles



**NEW Jimboat Article Announcement! - Author Jim Russell writes in POWERBOAT & RIB magazine!**

**Jimboat details the speed secrets of 'Vee pad design', vee hull design and performance powerboat design**

**Jimboat explains 'Gearcase & Propeller BlowOut' (RIB magazine April 2011 issue)**

**Jimboat explains 'How Trim Angle and engine height affects performance' (RIB magazine Jan 2011 issue)**



**Jimboat explains 'Chine Walking' (RIB magazine Dec 2010 issue)**

**Jimboat interviews in RaceBoat International magazine, the newest up-and-coming star of F1 H2O World Championship circuit, Shaun Torrente together with his Crew Chief Ted Gryguc.**

[Jimboat writes Feature articles in HotBoat, Family&Performance Boating, Performance Powerboat, RIB magazine, World of Powerboats, RaceBoat International, SEA Yachting, Extreme Boats magazines].

- [Tunnel Vision - 'How Do Tunnel Boats Fly?' - HB Nov/Dec 2008](#)
- ['Why Do Boats Create Rooster Tails?' - HB-August 2008](#)
- ['What a Blow Out!' - 'Gearcase & Propeller Blowout- Why it Happens & How to Fix it' - HB-June 2008](#)
- ['Walk on the Wild Side' - 'Chine Walk - Why it happens & How to Fix it' - HB-Jan 2008](#)
- ['Hump Zone' - 'Why does your Boat Porpoise?' - HB-April 2007](#)
- ['The Bottom Line'-'Why does a Pad make a Vee Hull faster?' - F&PB-Sept 2005](#)
- ['10 Smokin' Speed Secrets Revealed...' - HB-Feb2005](#)
- ['Winterizing your Performance Outboard' - F&PB-Jan2005](#)
- ['What a Drag' - 'Trim Angle & Engine Height Can Reduce Drag and Increase Speed' - HB-Sept2004](#)
- ['10 Safety Tips' - 'Ten Safety Ideas for High Performance Go-Fast Boats' - HB-Aug2004](#)
- ['Flight Path' - 'Where does Lift Come From?' - HB-April2004](#)
- ['Rocket Science' - 'How To Increase Your Hull's Design Speed With Aerodynamics' - World of Powerboats-Winter2004](#)
- ['Tunnel Vision' - 'What Factors Influence Tunnel Hull Performance' - Extreme Boats-April2003](#)
- ['Step-by-Step' - 'Step Design in Powerboats' - TBPNews #88, October 2005](#)

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See you next time!

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