

AeroMarine Research TBPNews - Performance Report

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TBPNews #111 – April 22, 2007  
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>>>> Tunnel Boat Performance News >>>>> (over 5000 members!)
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***** TBPNews *****

1) Bud Light Racing Brings In Worlds Best For ChampBoat Success In 2007



.Four time Champ Boat Racing Series champion Tim Seebold has thrown down the gauntlet, putting together a combination of the world's best engineers and experts, as he gears up for the opening race of the 2007 Series on the weekend of May 19-20 in Augusta, Georgia. His formula is simple, he wants to in the worst way find victory again on the water, something he's not enjoyed at a Grand Prix race since the middle of the 2005 season.

In order for him to accomplish this goal, the St. Louis, Missouri native has worked at a fever pitch all winter getting ready to regain the ChampBoat title. His journey for regaining the number one position began last December when he traveled 7,000 miles from Missouri to the United Arab Emirates to get a vision of other racing around the world. He not only came back with idea's but also added some of the talented people on the world tour that have dedicated themselves to push the Bud Light Team Seebold back to number one.

Coming on board the Bud Light Team in 2007 is one of the world's best engineers in wizard Ron Anderson of Seattle, Washington who helped develop the current state of the art Mercury V-6 2.5 liter engine that can push just over 350 horsepower. Also spending a lot of time this past off-season with Tim has been propeller designer David DeWald of Reading, Pennsylvania who is widely recognized as the worlds best in putting power and speed through the water with his state of the art propellers. Testing is probably the most important segment in leading up to the start of the season and read and

measuring test data is essential. AIM Sports has come to the aid with the Bud Light Racing Team helping make sense of the numbers of the results during the testing.

Check out details at: www.champboat.com

***** TBPNews *****

2) Honda confirms Formula 4-Stroke 2007 calendar



Entering its ninth season, the Honda Formula 4-Stroke Powerboat Series has announced its 2007 Grand Prix calendar. As well as showcasing the 75th race since its inauguration, this year's schedule again features five venues spread throughout the UK.

An exciting addition is the return of Torquay, where the class made its debut on 29 May, 1999.

Since its inception the Honda Formula 4-Stroke series has been a runaway success and the original 1999 fleet of five boats has grown to a staggering 36 contenders across two classes. The

main objective was to bring the excitement of offshore powerboat racing within the reach of ordinary pleasure boaters.

The 2007 Honda Formula 4-Stroke 150hp and 225hp championships each consist of ten rounds staged at five Grand Prix venues around the UK. TV screening dates will be released at a later date.

2007 Honda Formula 4-Stroke Grand Prix Calendar

12-13 May, Torquay

16-17 June, Isle of Man

28-29 July, Lowestoft

25-26 August, Cowes, Isle of Wight

***** TBPNews *****

3) Yamaha's new V8-powered F350 unveiled at Miami



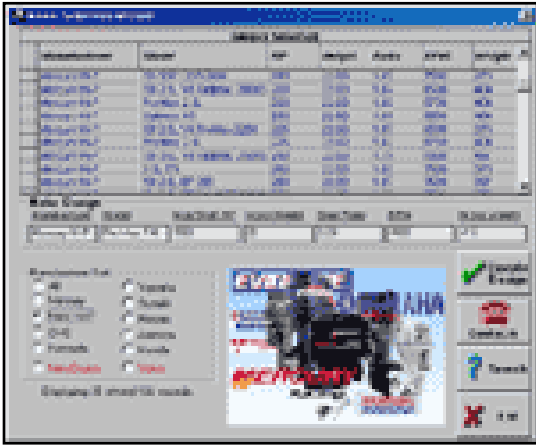
A significant new chapter in the story of the development of the world market for marine power was opened at Miami Boat Show with the preview launch of the latest generation Yamaha 4-stroke outboard, the massively powerful and stylish F350. In typical Yamaha style, it is not only the most powerful, but also the world's first-ever V8 4-stroke outboard.

A 5.3 litre, 32-Valve, 60° V8 with 350 propshaft horsepower and a host of technical innovations, ranging from Variable Camshaft Timing to digital electronic throttle and gear controls, this flagship engine is sure to be in great demand even before it arrives at our shores. A similar story in fact, to that of its incredibly successful and ground-breaking predecessor, the Yamaha

F250, which was billed as "the world's most powerful 4-stroke outboard" on its own launch day.

***** TBPNews *****

4) 2007 Software Updates for TBDP© and PropWorks2©



New 2007 Motor Wizard update (AeroMarine Research®)- Now over 450 engine choices in Motor Wizard database! With new 2007 engine spec's. [Included with "[Tunnel Boat Design© software](#) & [PropWorks2© software](#)]. Use the New Motor Design Wizard to easily input the dimensional information for your setup. Just select your OEM engine manufacturer and highlight your model from the over 450 listed. The published manufacturers specifications are all there - Mercury Marine, Merc Hi-Performance, Bombardier Evinrude/Johnson, Yamaha, Suzuki, Nissan, Honda, Tohatsu, Mariner, Volvo, Mercruiser, Steyr, OMC, Volvo Penta. The OEM factory correct MaxHP, Height, Weight, RPM and gear ratio will be automatically input to TBDP V7.8 and PropWorks software V2.8. [Contact AeroMarine Research®](#) for more information or your Update!



Also: Latest Tunnel Boat Design Program (TBDP) Software Update - Available to CURRENT TBDP© USERS. Get the latest Version of TBDP© for Windows XP/2000/ME/98/98se. Now more features than ever! New 2007 Motor Wizard database update, now over 450+ engines listed!. Vee-hull analysis enhancements! WinXP latest updates; 2006 Motor Wizard database update; Euro software additions, vee-hull analysis features added; [Download a summary of NEW TBDP here](#). If you already own TBDP©, and you want to obtain the LATEST SOFTWARE VERSION UPGRADE, please provide your original date of purchase in the

"special shipping instructions" section of the order form.

Order your AeroMarine Research Software Updates:

TBDP Update: aeromarineresearch.com

MOTOR WIZARD Update: aeromarineresearch.com

Check it out at: aeromarineresearch.com

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5) Ferrari joins P1 Powerboat Racing



Sportscar racer and businessman Massimiliano Ferrari will race in the 2007 Powerboat P1 World Championship, competing for Evolution Class honours with an American-built Skater 399 powered by Mercury Marine Racing engines.



For several years Ferrari has maintained close ties with Powerboat P1 and, with this announcement, his racing plans are finally complete. The Skater Racing Team represents a significant entry into the P1 fraternity in the quality of the boat, pilots and back-up infrastructure. The team's progress will be one of the most eagerly observed during the season on more than one level; a strong pilot line-up, royal blood and celebrities, in a racing boat built by one of the marine industry's top boat manufacturers. Lorenzo Quadri, owner of 'Quadri Racing' in Geneva, Switzerland, is supplying the engines and technical equipment and, already, the 40ft boat has a 'Hollywood' pedigree, having been used in the United States by Columbia Pictures to advertise the 'Spiderman' movie.

Check out details at: www.powerboatp1.com

***** TBPNews *****

6) Jimboat Authors NEW HotBoat Mag Article



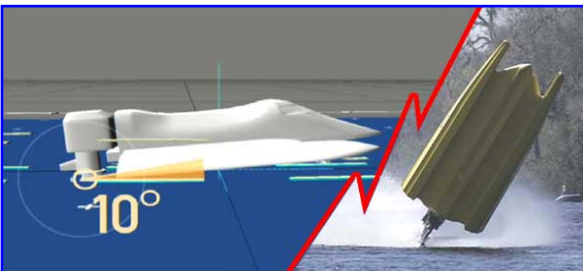
Author Jim Russell (Jimboat) has authored another unique powerboat design article in the April 2007 issue of Hot Boat magazine. Find out the technical answers to Reader's questions... "My ModVP style sport tunnel (with centerpod) has a real "hopping" motion at about 70 mph. It's like a porpoising, but it goes away at about 80mph. What is wrong with my setup?" or..."My vee hull has an annoying porpoise at 30 mph. What is causing it? And how can I get rid of it?". The detailed explanation of the Lift, Drag and Dynamic Stability issues associated with the velocity transition region known as the "Hump Zone" are explained by expert Jimboat.

Get your copy of Jimboat's article at: - ['Hump Zone' - "Why does your Boat Porpoise?" - HB-April 2007](#)

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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...**Watch our website for the Next Show scheduled.**

Details at: (channel.nationalgeographic.com)

Watch for other show dates on AR's website! www.aeromarineresearch.com/NatGeo_thrill-zone.html

*** **"Champ Boat Grand Prix Series"** - on SPEED Channel - Check for next show at: www.champboat.com or at: www.speedtv.com

