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TBPNews #92 - December 23, 2005

>>>>> Tunnel Boat Performance News >>>>>> (now over 6600 members!)

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1) Season's Greetings from AeroMarine Research

All of us at AeroMarine Research would like to thank you for being part of our Team in 2005. We'd like to wish all of our TBPNews subscribers, and all the visitors to the AeroMarine Research website a Merry Christmas and Happy Holiday Season. We are proud to have published twenty newsletters during 2005, to a subscriber list that doubled to over 6500 during the year! Please keep your suggestions coming in, and we will do our best to address the issues and technical subjects that our readership is most interested in. Thankyou again for your support - and best wishes in 2006! Good Boating!

2)MALTESE ISLANDS GO FOR POWER - P1 Powerboat Style!

The Malta Tourism Authority announced that the Maltese Islands will be hosting Pl Powerboat World event.

The spectacular Grand Harbour of Valletta, surrounded by historical cities and imposing fortifications, provides a unique backdrop for the Powerboat P1 event. KBL Powerboat Management Ltd, promoters of the event, confirms that they will hold two rounds of the 2006, 2007 and 2008 Championships in Malta as part of the U.I.M. Powerboat P1 World Championship. The race will also incorporate a round-island world speed record.

3) BIZARRE CLASS 1 SITUATION

When Eduardo Polli released his iron grip on Class 1 most assumed that the premier UIM division of offshore would take a turn for the better. However nothing seems to have changed when Qatar's Sheikh Hassan Bin Jabor Al Thani



took over the helm, which begs the question, is it wise to have an owner/driver guiding the ship?. Australian Bill Barry-Cotter arrived at the start of 2005 but after just two or three races returned home, disillusioned by the whole Class 1 hierarchy. The protest appeals committee appear to have been working overtime as team managers use various methods to steer around complex rules and regulations. The latest is 'Qatar 96', owned and driven by Sheikh Hassan has lodged a 30 plus page protest against 'Spirit of Norway' claiming the Anglo-Norwegian team caused the accident in Qatar when 'Qatar 96' flipped over, yet we understand TV footage clearly shows 'Qatar 96' at fault. If the protest goes against Bard Eker, 'Spirit of Norway's owner/driver, few would blame him if he packs his boat off home. We also are led to believe that, as there are no engines available for 'Qatar 96' to participate in the final two races in Dubai, the Sheikh will be taking over 'Qatar 95', the number two boat in his team. Will the Qatar team owner take his points with him or will he be obliged to only add to 'Qatar 95's points tally. Let us assume 'Spirit of Norway' suffered serious engine or structural failure prior to the final races in Dubai', would Eker and Curtis be permitted to persuade Chris Parsonage to 'lend' them 'Negotiator'...we think not.

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## 4) Powerboat Racing on TV

\*\*\* "Thrill Zone: Extreme Powerboats" - National Geographic powerboat show Author Jim Russell (Jimboat) is the powerboat design technical consultant on a new National Geographic special for "Thrill Zone" series...the show is scheduled to re-air on National Geographic on Wednesday, January 11, 2006, at 8PM; and Wednesday, January 14, 2006 at 4:00AM.

"Professional powerboat racing is one of the most death-defying sports in the world. Competing at speeds that often reach 200 mph, their boats are marvels of engineering but even the most technologically advanced can crash. From Formula One Racers to Offshore Powerboats to Unlimited Hydroplanes, Extreme Powerboats takes viewers up close with the world's fastest boats, the sport's best drivers, and the most advanced technologies".

Watch for other show dates on the AeroMarine Research website! http://www.aeromarineresearch.com/NatGeo\_thrill-zone.html

## 5) A 2006 BUSY WORLD F1 CALENDER

After a very short 2005 season, it would appear the 2006 World F1 schedule is very hectic with twelve GP's on the calender featuring at least two new venues in the programme. Vietnam is making its debut as an F1 host while we believe it's Greece's first venture into F1, although Corfu was a popular venue in the 1990's.

The programme opens with a return to Qatar before the fleet are shipped back to Europe for Portimao, Portugal, Como, Italy and hopefully La Rochelle, France although the latter has been promising a race for a while yet nothing has happened. After the Euro section of the tour, it's back to the Far East with Vietnam, Malaysia and Singapore before retirning to Qatar again then the tradtional UAE finale.

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## 6) ITC Outboard Dumping Report



The International Trade Commission Report on dumping by Japanese outboard manufacturers was published in February, 2005 [reported in TBPNews]. The full Report, titled "Outboard Engines From Japan" is available for download here: http://hotdocs.usitc.gov/docs/pubs/701\_731/pub3752.pdf

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7) Jimboat writes NEW Feature articles in F&PB and HB magazines

Recently published...

Jimboat writes Feature article in Family & Performance Boating magazine. 'The Bottom Line'-"Why does a Pad make a vee Hull faster?" is the FEATURE in the F&PB September 2005 issue.

Get your copy of the full article at: http://www.aeromarineresearch.com/adverts/Vee%20Pad%20Design.html

Jimboat writes Feature articles in HOTBOAT & F&PB magazine
"10 Smokin' Speed Secrets Revealed..." - Jimboat has new article in February
2005 HOT BOAT magazine. "If you don't want to make expensive modifications to
your hull or engine setup, then here are some tips for getting the most
performance from your current setup. By Jim Russell, author of "Secrets of
tunnel Boat Design" [editor-HB]

Check it out at: http://www.aeromarineresearch.com/adverts/HB\_Feb2005.html

and Recently published...

"Winterizing your Performance Outboard" - Jimboat has new article in Jan2005 issue of Family & Performance Boating. Check it out at: http://www.aeromarineresearch.com/adverts/F&PB\_Jan05.html

"What a Drag" - Trim Angle & Engine Height Can Reduce Drag and Increase Speed", by Jim Russell, author of "Secrets of Tunnel Boat Design book [editor-HB]. See September 2004 issue of HOT BOAT Magazine. Or get your own copy of the feature article at:

http://www.aeromarineresearch.com/adverts/HotBoat\_Sept2004.html

| See | you | next | time! |
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/Jimboat



Note: Some of the articles presented in TBPNews are edited excerpts from the "Secrets of Tunnel Boat Design" book, "Secrets of Propeller Design" book, "History of Tunnel Boat Design" book, by Jim Russell, published by AeroMarine Research. The STBD book explains the theory in full, and outlines example design calculations, step-by-step. The "Tunnel Boat Design Program", software, does all the force calculations, dynamic force balances at all speeds, and reports the analysis automatically, including complete graphical performance results for any tunnel or modified vee-hull design.

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Let us know any ideas you have, requests for articles, questions or comments on our TBPNews. Send your comments to <a href="mailto:TBPNews@aeromarineresearch.com">TBPNews@aeromarineresearch.com</a>

Get your full, illustrated, NEW 12th edition copy of the world known "Secrets of Tunnel Boat Design" book. GO TO: <a href="http://www.aeromarineresearch.com/stbd.html">http://www.aeromarineresearch.com/stbd.html</a>

Also, the publications "History of Tunnel Boat Design" book, "Secrets of Propeller Design" book, the "Tunnel Boat Design Program" software, and the "PropWorks2" software for speed prediction and propeller selection at the AeroMarine Research web site. GO TO: http://www.aeromarineresearch.com

"Secrets of Tunnel Boat Design" book

"History of Tunnel Boat Design" book

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"Tunnel Boat Design Program" software for tunnel hull and vee-hull design

"PropWorks2" software for propeller selection and powerboat speed prediction

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