

## April 2009 Volume 12 Issue 3 - Number 62

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### From The Editor – Pete Heal

G'day.

In this edition of HUFF there is a lot of info about HPV racing and record setting, which is exciting as some of the existing records for Australian's have been getting a bit 'long in the tooth' and needed a shake up.

Members are welcome to send in articles of stories in whatever form they wish and every effort will be made to publish them in a future HUFF.



### 2009 OzHPV Challenge

For the 19<sup>th</sup> time the Annual OzHPV Challenge brought together recumbent enthusiasts from around Australia for a weekend of fun and semi-serious competition.

The Wodonga go kart club's track was used for the second year running and once again proved to be popular with those attending.

Not only is the track surface smooth and of good quality but the twisty nature gives great fun to riders through the corners.



Riders and spectators tend to congregate trackside rather than wander off to other areas as may be the case with other venues. The weather was perfect all weekend.





The 2009 OzHPV Challenge was kindly sponsored by the following generous businesses:

Schwalbe Tyres

[www.schwalbetires.com](http://www.schwalbetires.com)

Trisled Recumbents

<http://www.trisled.com.au>

Greenspeed Recumbents

[www.greenspeed.com.au](http://www.greenspeed.com.au)

MR Recumbents

<http://www.mrrecumbenttrikes.com>

Fuse Recumbents

[www.fuse-recumbents.com.au](http://www.fuse-recumbents.com.au)

Typing 2000

[www.typing2000.com.au](http://www.typing2000.com.au)

OzHPV as always are very appreciative of the ongoing support of these Australian Recumbent (and Typing) businesses to ensure the Challenge remains a viable event.





There was a good turn out of 21 Adults and 10 Kids as well as many spectators. The aim of 'The Challenge' over the years has always been to find the most practical HPV by running a series of events not solely focussed on speed.

More pictures from the Challenge at this link  
<http://s81.photobucket.com/albums/j211/PoiterH/Challenge%202009/?>





It was great to catch up again with HPV Friends from Sydney, Canberra, Melbourne and Adelaide.



Winners are Grinners – Bryce, Faye and Jamie



Andrew Stewart displays his 'Fully Sick' front wheel

Jamie Friday in his faired short wheel base bike once again led the way in most events in the Adults. Faye Downing made a clean sweep in the Women's class and Bryce Marquardt came out on top in the fiercely competitive Kids class.



Jamie Friday demonstrates the Fred Flintstone braking method



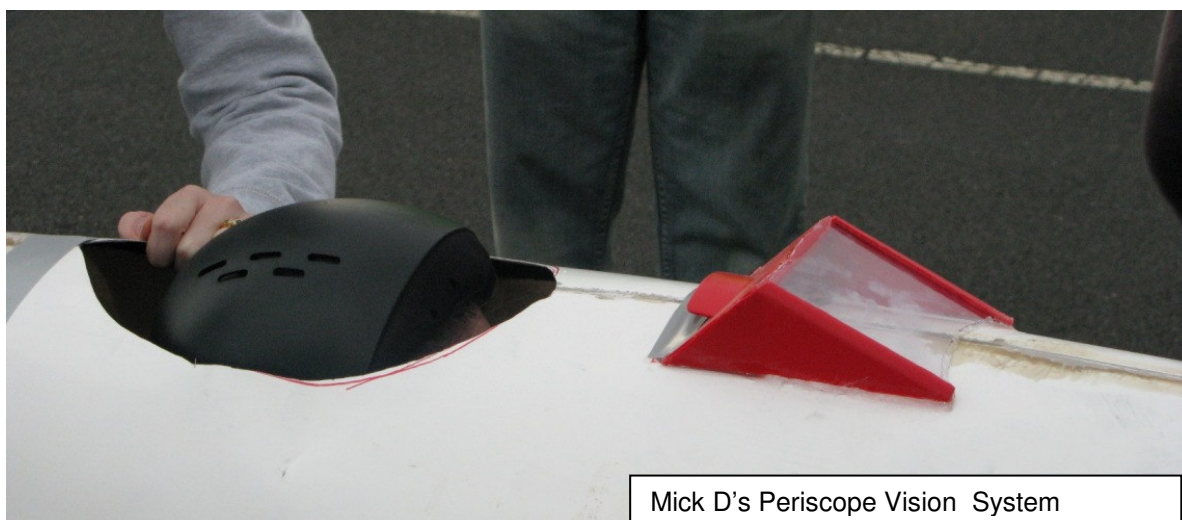
## 2009 OzHPV Speed Trials at Lang Lang Victoria



Easter 2009 saw a few dedicated “speedsters” travel to Australia’s biggest Velodrome – the Lang Lang Test Facility which is basically a 4,664m banked oval track. OzHPV organised the 2009 Speed Trials after gaining access to the main test track for all four days of Easter and the weather obliged with sunny conditions and relatively low winds. Riders came from OzHPV and there were teams from the ‘Pedal Prix’ genre.



Ben Goodall and Jeff Nielsen after the hour ride



Mick D's Periscope Vision System

#### Day 1 Friday 10/4

##### Riders:

Jeff Nielsen 'Overzealous' Faired Tri-Sled trike with Sorcerer body style

Tim Marquardt 'Whoops V2' Faired bike with improved seating and periscope vision system

Mick Donovan 'Whoops' variant Faired Bike in learning mode

Pete Heal 'Velokraft NoCom' stock carbon lowracer

##### Events:

This day was used for some shake downs of the 'Whoops' bikes and for one hour runs.

Jeff Nielsen went on to complete 61.1km which is the best distance for a faired single rider trike at low altitude.

Tim and Mick practised their crashing but completed a few fast laps which pleased them greatly.

Pete completed 43.6km for the hour on his lowracer.

#### Day 2 Saturday 11/4

##### Riders:

Jeff Nielsen 'Overzealous' Faired Tri-Sled trike

Tim Marquardt 'Whoops' Faired bike

Mick Donovan 'Whoops' variant Faired Bike

Steele Von Hoff 'True Blue' Faired trike

Paul Weymouth 'True Blue' Faired trike

##### Events:

It was decided to run the 200 m flying time trials this day as wind conditions were good.

Unfortunately only Jeff in Overzealous was able to complete his run in legal wind conditions measured at 6kmh or lower. A couple of non-legal wind runs were recorded. Tim blew up the bottom bracket on Whoops while attempting an hour run. Steele's run at an hour was cut short due to neck problems.



Streamliners are really hard to get going – Tim Marquardt in 'Whoops'



Results for Flying 200m

Jeff Nielsen 'Overzealous' – 82.66kmh (Legal wind) New record for Australian course

Tim Marquardt 'Whoops' – 66.1kmh (Legal wind)

Steele Von Hoff 'True Blue' – 84kmh (Illegal wind)

Paul Weymouth 'True Blue' – 74.55kmh (Legal Wind)

Steele Van Hoff exits 'True Blue



Pete H waves to his fans

Day 3 Sunday 12/4

No riding today.

Day 4 Monday 13/4

Riders:

Tim Corbett 'S Chair' Faired Trike

Events:

Tim Corbett completed 260.68km for a 6 hour ride around the track which is claimed as an Australian HPV record although there is an unsubstantiated claim of a 279.25km 6 hour run set by the 'True Blue' vehicle at Casey Fields.



More Photos and Movies from Lang Lang at this link.

<http://s81.photobucket.com/albums/j211/PoiterH/LangLang09/>



## Results from Canberra Stromlo Racing 2009



Name	Grade	21 <sup>st</sup> March	18 <sup>th</sup> April	Total
Pete Heal	A	40	40	80
Andrew Stewart	A	29	26	55
Daniel Oakman	A	26	0	26
Matt Heal	A	21	0	21
David McCook	A	0	32	32
Atholl Reid	A	0	20	20
Andrew Powell	A	0	16	16
Peter Button	B	23	32	55
Graham Teakle	B	36	0	36
Lloyd Cleland	B	29	0	29
Helen Curtis	B	0	40	40



Riders completing the standing start 1,200m one lap time trial in less than 2 minutes are elevated to A Grade. Welcome to the 'A-Team' Atholl and Andrew P.

The lap times for the one lap standing start time trial have been falling. Maybe that is due to riders getting more used to the track, getting fitter or better, less windy conditions.

Best time in 2008 was 1:37.97 or 44.1kmh.

Best time in 2009 is 1:34.78 or 45.59kmh





Pete Heal



### Old Aussie HPV Records

The "records" set at the Lang Lang event were a great step forward in terms of showing how fast current Australian riders and Australian built vehicles can go but there have been some previous spectacular efforts many years ago which need to be recorded.

#### 1982

- Trevor Gartside - Australian
- 51.2mph / 82.43kmh
- Vehicle 'Bluebell' a full faired LWB Avatar bicycle
- Record set 3rd October 1983
- International Human Power Speed Championship
- Carson, California USA.

#### 1983

- Doug Adamson - Australian
- 55.05mph / 88.59kmh
- Vehicle 'Bluebell' a full faired LWB Avatar bicycle
- Record set at 1984 International Human Power Speed Championship
- Indy Speedway USA

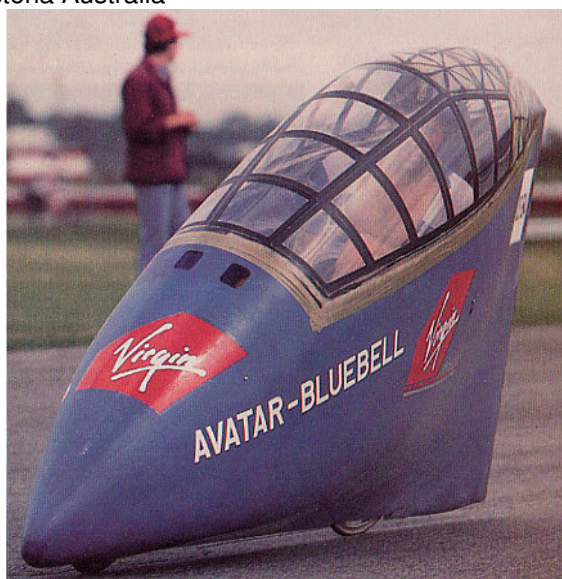
#### 1984

- Steele Bishop
- 49.05mph / 79.04kmh
- "Holden" streamlined two wheel recumbent bicycle with outrigger support wheels
- 28<sup>th</sup> March 1984
- Record set at Lang Lang Test track, Victoria Australia

So whilst Jeff Nielsen has set the fastest HPV record on Australian soil there is at least one more Aussie set record that needs to be bettered.



Steele Bishop's 1984 record vehicle 'HOLDEN'



'BLUEBELL' from the 1980's





### Even More Old Aussie HPV Records of Note

Flying 200m times at OzHPV Challenge since 1990.

Most of the max speeds recorded here involved a downhill run ups so none are actually HPVA legal.

1990 Canberra ACT 200m TT Washed out  
 1991 Canberra ACT Russell Moore in "Big Red" Faired LWB bike – 69.0kmh  
 1992 Canberra ACT Peter Holloway in faired bike – 66kmh  
 1993 Canberra ACT Paul Segal and David McCook on Semi-Recumbent Tandem – 62.88kmh  
 1994 Canberra ACT ?  
 1995 Canberra ACT ?  
 1996 Canberra ACT Bruce Cartwright Faired Trike – 64kmh  
 1997 Canberra ACT Ian Humphries Lowracer – 61.53kmh  
 1998 Canberra ACT Ian Humphries Lowracer – 57.23kmh  
 1999 Canberra ACT Ben Goodall Faired Trike – 60.05  
 2000 Shepparton VIC Ian Humphries – Speed not recorded  
 2001 Werribee VIC Not conducted  
 2002 Canberra ACT Glen Druery Unfaired Lowracer – 63.27kmh  
 2003 Broadford VIC Ben Goodall Faired Trike – **75.6kmh**  
 2004 Broadford VIC Gareth Hanks Faired Trike – 65kmh  
 2005 Broadford VIC Not conducted  
 2006 Broadford VIC Not conducted  
 2007 Casey Fields VIC Jeff Nielsen Faired Trike - 63kmh  
 2008 Wodonga VIC Jamie Friday Faired SWB – 56.96  
 2009 Wodonga VIC Jamie Friday Faired SWB – 58.63



### Future Australian HPV Record Attempts

OzHPV Incorporated as the Australian member organisation of the WHPVA (not the American one) is the sanctioning body for any HPV Record attempts conducted in Australia.

For a HPV Record to be recognised the full details of the attempt must be advised to OzHPV within 1 month of completion. Preferably, OzHPV will be advised prior to the event so suitable assistance and officials can be provided.

All record attempts must be conducted under the OzHPV speed event rules which are available at [www.ozhvpv.org.au](http://www.ozhvpv.org.au)



### An Old Aussie HPV Event

One from the history books – courtesy of Pedal Power ACT's 'The Canberra Cyclist' newsletter

HPV EVENT HELD ON 17TH, 18TH OCTOBER 1990

To mark the beginning of Bicycle Week in the ACT.

The Canberra Bicycle Museum was able to help with the inaugural National HPV (human powered vehicle) event by making available some of the Museum's collection of recumbents.

Fibre glass flyer

Hypercycle

Sling shot

Semi-recumbent tandem

Sinclair trike

Roulandt

Patbike



Wayne's recumbent  
Huffy  
Fun cycle  
TMX

Much interest was shown in these vehicles. Trevor manned the Sling shot, Shane the Hypercycle, Nick the TMX, Steven the Sinclair, and Matthew and Jeremy the Semi-recumbent tandem, mainly as a comparison against the other entries.

The other bikes were used as display vehicles and some members of the public delighted in trying to ride them.

The Pedal Prix, a circuit of 800m, through a car park, involving some slalom sections, was a good start to the racing with the riders finding their own levels of ability and that of their vehicles.

Unfortunately the weather was not very kind after that. the uphill and downhill coasting being marred by windy conditions. Very brave was Russell Moore in his BIG RED. Completely enclosed by a light-weight faring he was at the mercy of the buffeting wind.

The time trials were a wash out, some hardy souls made an attempt at pedalling and guiding their bikes through the driving rain so the results will not be very accurate. However, this should auger well for next year when we will have fine conditions and everybody stands a chance of beating the record.

Wayne Kotzur was the initiator and co-ordinator of this event. He is a frame-builder, engineer, designer and builder of unusual bicycles and has a real penchant for recumbents. If you need anything along these lines, contact him on 2472585 (h) or 2496752 (workshop).

Start planning now for next year's event to be held again in October.



### **Maryborough TT and Race Day - Queen's Birthday Weekend, June 6 and 7**

OzHPV, in association with MHPVE (Maryborough HPV Enthusiasts) is running velodrome races and the Maryborough HPV TT on Queens Birthday weekend at the Maryborough outdoor velodrome.

Races on Saturday will include sprints, pursuit and group races. The 6th annual Maryborough Time Trial will run on Sunday, a 60km sealed route through the scenic country around Maryborough and Avoca.

Maryborough is around 2 hours northwest of Melbourne, on the Pyrenees Highway.  
The nearest train station is Castlemaine, 50km from Maryborough.

Entry forms and further information will be available at: <http://ozhvp.org.au/events/maryborough.html>

Ride Contact: Eric Ball, [e.ball@optusnet.com.au](mailto:e.ball@optusnet.com.au) / 03 9876 4057

### **World Human Power Vehicle Association**

OzHPV's President Eric Ball now is our board representative on the World Human Power Vehicle Association (previously IHPVA).

Eric reports the following significant action from recent board discussions:

The (old) IHPVA Board has voted to change name to WHPVA.

In favour

NVHPV, Netherlands

Denmark HPV

HPV Belgium

HPV Sweden

Future Bike, Switzerland

OzHPV, Australia

BHPC, Great Britain

The next step is to agree how and where to set up a web site.





### HPVs in Townsville

A new group has been established in Townsville in North Queensland.  
Not attached to OzHPV in any way - as yet.....  
4 Trikes and 7 SWB bikes. Social rides and building advice around Townsville.

Townsville HPV Group  
Contact Peter Hartley, PO Box 801 Thuringowa, 4817.  
Ph 07 47 230 220 or 0414 770 252.



### Coming Events

6<sup>th</sup> & 7th June 2009 – OzHPV Maryborough Time Trial. – see article above.

4th July 2009 – IHPVA World Championship, in Europe.

17th – 19th July 2009 – HPVA Speed Trials on Ford Test Track Arizona USA

14th – 19th September 2009 - WHPSC Battle Mountain USA

See also <http://racvenenergybreakthrough.net/AboutCalendar09.shtml> for a program of HPV 'School Rules' racing taking place around the country.



### OzHPV Committee Contacts

President - Eric Ball,	<a href="mailto:president@ozhpv.org.au">president@ozhpv.org.au</a>
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Webmaster – Charlie Bell,	<a href="mailto:webmaster@ozhpv.org.au">webmaster@ozhpv.org.au</a>
HUFF Meisters – Ben Goodall & Pete Heal	<a href="mailto:huff@ozhpv.org.au">huff@ozhpv.org.au</a>
(any time you're ready Bennie)	



### Newsletter Contributions

Always welcome. Please send to [huff@ozhpv.org.au](mailto:huff@ozhpv.org.au)  
Next deadline for material end of July 2009.

