

From the Editor

This newsletter may be getting to you a little early as I'll be away for the Christmas break and can't do it till late.

If you have any items of interest to our members feel free to contact me and I'll be happy to include it in following HUFF's.

Note throughout this HUFF are pictures taken at the 2002 Greenspeed OzHPV Challenge.

Timothy Smith
tstrike@ihpva.org

For Sale

I have for sale a very nice performing and functional trike I built using Greenspeed GTR frame and steering parts and handlebar etc, all cromoly steel frame but which has two main frame sleeves and removable seat for easy disassembly - all of it fits in just one bag ie packs smaller than a GTO.

Bag rolls up to fit under seat or in pannier when riding. It is priced at \$3150 complete with the travel bag, mirror, and two pannier racks to carry 4 panniers. It has travelled quite a few places now by plane and bus without any problems, damage or fees. It has a folding tailbox too which, when it is disassembled, is useful to line the bag for added protection when travelling. It now has new tyres too.

Ian Humphries
ian@flyingfurniture.com.au

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2002 Greenspeed – OzHPV Human Powered Vehicle Challenge

Firstly, it's a bit tough having to organise a weekend hpv event, compete in all the events and then be asked to write an article about as well. It was hard to keep track of everything.

The 13th annual running of the HPV Challenge came back to Canberra in November. OzHPV's "Challenge" weekend brings members from all over Australia together for a weekend of fun competition designed to test riders and vehicle designs and highlight the practical attributes of recumbent bicycles and tricycles.



Paul Alves - Greenspeed GLR with orange full body condom

The Canberra Challenge is run at the Sutton Road driver training centre which is an ideal venue as it has a 2.5km long track with twisting turns, testing climbs and a long straight. The centre also has a large bitumen manoeuvring ground and a skid-pan circuit and the various events over the weekend utilise every section. Riders and their vehicles are tested in a series of events such as the flying 200 metre sprints to test out right speed, slaloms to test the agility, hill climb, criterium, off-road and shopping races. This year we also involved around 40 members the ACT Scout association for their bike skills day on Sunday.

There were 45 competitors over the weekend and each seemingly had a different type of human powered vehicle. These included: - Greenspeed trikes in various forms:

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Junior Champion Ben Curtis - Open Champion Ian Humphries - Female Champion Bec Gibb.

- Three recumbent tandems (a two-wheeler, a trike and a back to back two wheeler)
- Front wheel drive (thought controlled) Flevo two wheeler
- Short wheel base bikes (lots)
- Low-racers (many)

Participants and spectators were encouraged to “come and try” any bike they felt they would like to try out during the weekend.



Peter Heal presenting a random prize draw (thanks Velocity) with Ian Simms in the background.

OzHPV were very grateful of the support and assistance of the following organisations who helped them run a very successful weekend:

- Greenspeed Recumbent Trikes – Major sponsor.
- MR Components – Sponsor.
- Velocity Components – Sponsor.
- Canberra Tradesman’s Union Club – Sponsor.
- Pedal Power / Anne-Marie Driver – Promotion as part of Festival of Cycling and for loan of equipment.
- Burley Griffin Scouts – Catering.

Results from the weekend are posted on the OzHPV web page and Tim has probably included the main ones with this issue. There are also a great deal of excellent photos on the web page thanks to Karl, Athol and others.

Besides a bit of cross booking with the ACT Veterans Club on the Sunday morning everything went very well, probably due to the familiarity of the ACT members with running a challenge over the years since its inception.

I’d like to thank the OzHPV Canberra Mob helpers who pitched in on the weekend and contributed to running the event. I knew you would when we got closer to the event.

I’m glad we could put on a “Challenge” in 2002. It would have been a shame if there wasn’t one this year. It was somewhat disappointing that more HPV people didn’t come to the Challenge, particularly those from Sydney. Thank you to those who did come, you certainly contributed to how successful the weekend turned out.

Now we can look forward to the 2003 Challenge at Broadford Vic in March 2003. The Canberra Mob hope to offer a major HPV competition event of some type later in 2003 – say September.

Pete Heal - heal@cyberone.com.au

and more on the Challenge.....

I’ve put up some thumbnails of the Challenge on a local web site Atholl Reid’s images are at

http://www.steveleahy.net/karl_nissen/atholl/ and mine are at

http://www.steveleahy.net/karl_nissen/karl

Karl Nissen - karl@duifken.anu.edu.au

ED. There are also many pictures of the challenge at our Web site at <http://sunsite.anu.edu.au/community/ozhvp/2002challenge.htm>



Shopping Race: Ian Humphries vs Bec Gibb



Shopping Race

Annual General Meeting - 2 Nov 2002, Sutton Road Canberra

(Meeting held at 5pm during the 2002 OzHPV Challenge)

President's report (Jeremy Lawrence)

- Jeremy stated that HUFF and the website forms the cohesive bond of the society and asked for a round of applause for Tim Smith.
- Jeremy asked everyone who has photos of the Canberra Challenge to please submit them to Tim Smith for possible publishing in HUFF. (tacsmith@ozemail.com.au)
- In previous year the club has been re-incorporated, at a cost of \$200 for fees to ACT Registrar General, many thanks to Peter Heal
- Misplaced bank statements were replaced with reprints from the bank (cost \$231)
- Insurance cover has been increased to \$10million Public Liability and \$1 million Professional Indemnity. This should allow us to hire any of the tracks/courses that we have enquired about in the past.
- Timing gear was purchased from Greenspeed (\$270)
- The government grant monies for production of a video were returned as no video was made. (\$750)
- Jeremy Lawrence moved that the president's report be accepted. Seconded by Damian Harkin. Carried by show of hands.

Secretary's report (Damian Harkin)

- We have 90 financial members and another 35 lapsed memberships up to 12 months in arrears
- Vic: 29, NSW: 25, QLD: 13, ACT: 8, WA: 4, SA: 4, TAS 1: Others (NZ, USA, UK etc) 6
- Damian moved that memberships should fall due on a fixed date (eg Jan 1) in future to make it easier for everyone to know when its due. Members would have 1 month grace before HUFF was cut off. Many members are paying late and still get one year's membership from the date of payment, effectively getting many months of HUFFs for free. In future, the payment would only cover the current calendar year. Motion seconded Jeannie Davidson. Carried by a show of hands.
- There was discussion of the price of subscriptions, although no official motions were passed. It was suggested that subscriptions should mainly cover the cost of HUFF, while racing events should be self funding (not all members enjoy racing). Insurance is required for racing but actually covers all

official activities and rides, so its cost is reasonably shared by all. It was agreed to leave subscriptions at \$15 single and \$20 family for now.

- Damian Harkin moved that the secretary's report be accepted. Seconded by Jeremy. Carried by show of hands.

Treasurer's report (Jeremy Lawrence)

- Report delivered by Jeremy instead of Glenn Forrest, owing to Glenn's absence from AGM.
- Assets (at end of financial year) have increased from \$3687.26 to \$4429.29
- Full financial statement published in HUFF Vol 5 Issue 6.
- Jeremy Lawrence moved that the treasurer's report be accepted. Seconded by Damian Harkin. Carried by show of hands.

IHPVA Rep's report (Ian Humphries)

- Ian Humphries reported that the IHPVA is still running but has no clear role apart from recording speed records.
- HPVNews has appointed Peter Eland (ex Encycloepedia and Bike Culture Quarterly) as editor.
- At the recent World Human Powered Speed championships at Battle Mountain Sam Whittingham did 81 mph up 1mph from last year.
- Ian moved that IHPVA Rep's report be accepted. Seconded by Jeremy Lawrence. Carried by show of hands.

HUFF and OzHPV Website editor's report (Tim Smith)

- Tim's report is printed in full in HUFF Vol 5 Issue 6
- Thanks to Bernard Weir printing and mailing HUFF throughout this year.
- Jeremy Lawrence moved that the report be accepted, seconded by Damian Harkin. Carried by a show of hands

Past financial statements (Peter Heal)

- Peter Heal moved that the financial statements submitted to the ACT Registrar General for the financial years 1997-8, 1998-9, 1999-2000 and 2000-1 be accepted by the club as a correct record of the club's financial position. Seconded Jeremy Lawrence. Carried by a show of hands.

OzHPV accounting

(Jeremy Lawrence)

- Jeremy Lawrence & Peter Heal reminded members that the committee is responsible for expenditure (as per the constitution).
- Jeremy Lawrence moved that:
 - * 'email meetings' of the committee are OK to approve expenditure, and that 'larger items' (committee to decide) should be discussed at the AGM.
 - * the Treasurer should hold one cheque book, and the President to hold the other (for emergencies).
 - * all cheques should be signed by the Treasurer, forwarded to either president another committee member for counter-signature, then to the payee.
 - * deposit slips for memberships should be submitted to the Treasurer within 1 week.
- Seconded Peter Heal, carried by a show of hands

OzHPV signature authority

(Jeremy Lawrence)

- Jeremy Lawrence moved that the newly elected Treasurer should abolish all existing signature authorities at the bank and authorize the signatures of the new Treasurer, President and Secretary. Treasurer should present these minutes to the bank as evidence that this is the club's intention. Seconded by Damian Harkin, carried by a show of hands.

Funding of events

(Jeremy Lawrence)

- Jeremy Lawrence moved to formalize the funding of events (such as the Challenge) as follows:
 - o Organiser to prepare a budget for the proposed event and present it to the committee for approval
 - o Committee to discuss and approve or disapprove event expenditure
 - o Treasurer to forward working funds to the organizer (eg \$500)
 - o Larger funds to be paid direct (eg to track management, Scouts etc)
 - o After the event, organizer to deposit profits, submit all receipts, deposit slips etc to the Treasurer (ie reconcile budget)
- Seconded Chris Curtis, carried by a show of hands.

Software

(Jeremy Lawrence)

- Idea initially proposed by Steve Nurse.
- Jeremy Lawrence moved that OzHPV spend approximately \$500 for computer software for editor to produce HUFF and the website. Software to remain in the name of OzHPV Inc. Seconded by Damian Harkin. Carried by a show of hands.

Assets

(Jeremy Lawrence)

- Jeremy Lawrence moved that OzHPV allocate \$1000 for purchase of publicity materials (eg additional banners for each active region, business cards) and items for organizing events, the monies to be allocated by the new committee. Seconded Damian Harkin, carried by a show of hands.

New Members

- A suggestion was made that the new Secretary make an attempt to enroll members among the active HPV communities in eg Tasmania, WA, ACT who are effectively acting as part of OzHPV, but who are not financial members. For example Tim Smith describes an active HPV community in Tasmania, where he is the only paid up member.

Sponsors

- The members thanked (by applause) the following sponsors and organizers for the Canberra Challenge event:
 - o Ian Sims (Greenspeed) for \$1000 Gold sponsorship.
 - o Michael Rogan (MR Components) for \$250 Silver sponsorship.
 - o Velocity for donation of \$250 in prizes
 - o Ian Humphries (Flying Furniture) for other prizes
 - o Peter Heal for organizing the Challenge event.

Office Bearers

- All committee positions were declared vacant. The following new committee members were elected:

o President:	Kevin Mason
o Secretary:	Jeanne Davidson
o Treasurer:	Rudolf Werner
o Public Officer:	Chris Curtis
o IHPVA Representative:	Ian Humphries
o Vic representative:	Damian Harkin
o Qld representative:	Duncan McDonald
o SA representative:	Grant Sellek
o NSW representative:	Tony Jack
o ACT representative:	Peter Heal
o TAS representative:	Tim Smith
o WA representative:	Geoff Law



Michael Rogans faired trike with Tony Romanos (from SA) trying it out

2 Much

I received an email recently from Jim Wilson from BikeRod&Kustom Webzine acknowledging the use of my plans for a recumbent trike available on the Net.

<http://www.ihpva.org/people/tstrike/home.htm>

The trike is simply classy so I thought I'd include some pictures and a link in case other may like to check it out further. It never ceases to amaze me how cycle designs can vary so much and create such a range of emotions when using simply metal tubing, wheels etc.

<http://mywilson.homestead.com/gallery110.html>

Timothy Smith
tstrike@ihpva.org



Continued from page 1 - For Sale

LoGo 26/20 trike, Excellent condition, Signal red with black seat. Travelled less than 2000 kms
44T Mountain drive
3x8 Sach (54 gears in total)
Hydraulic Disk brakes
Under seat steering
Reluctant sale to upgrade to a LoGo Tandem Trike Asking \$3000.00 AUD
Perth WA, Contact Paul Green or phone 0408 060 186



Proposals

Recently I received an email from Patrick and Sharon Barley (sharynandpat@ozemail.com.au) - I'm not sure if anyone remember them but they have been involved in a trip around Australia and some other countries on Greenspeed trikes.

Patrick's son was involved in an accident that has left him paralysed and said 'I have gotten Nigel onto a hand crank trike (on loan). He is keen to buy one, but is initially thinking about a second hand to save the expense and delivery time involved in a new one. In addition his wife is keen to get onto a recumbent trike to ride with him, and she is also looking for a good second hand one.'

I think we can assume Nigels wife doesn't need a handcycle but has anyone got any suggestions? A trike for sale?

Patrick also has a few suggestions I offered to put to the group. Tell us/him what you think.

'We are looking at the possibility of two projects. Firstly we may organise a supported ride from Perth to Sydney in September 2003 for Nigel and wife, another couple (one disabled by a stroke some years ago and still not able to walk) on a tandem Greenspeed, and possibly a number of other (able bodied) recumbent riders.

Another idea is for an 'around Aust' (Hwy One of 14,000 kms) ride/tour for HPV type vehicles. The concept would be to program set legs each day of around 100kms, with timed start and finish, and riders would be free to ride it competitively or casually.

The first has been discussed among several of the players here, and there is enthusiasm. The second is a much bigger project, would need promotion, sponsorship, and much more support and organisation. As such the second would not be earlier than 2004/5.

I would be interested in your comments, and any role OzHPV could play in either project, and also of course whether you can help us find a suitable bike for Nigel and Ronnie.

Timothy Smith



Human Powered Helicopter

I am constructing what will be the worlds first successful fully functional Human Powered Helicopter, but its proving to be an expensive project. To help with costs I am attempting to sell portions of the visual surface of the aircraft, like a billboard, for people to leave their mark on history for all the world to see, when it is flown and later when its on display in a museum.

There have been many attempts to construct a human powered helicopter for more than a century, one or two have just managed to get off the ground, but none have been truly successful. If you search the Internet you will even find a few current attempts. There is a lot of data out there on past attempts, as well as some technical critiques.

This aircraft is extremely different to all previous designs, and will not only produce the first successful human powered helicopter, but also provide design criteria for a new breed of human powered aircraft with the following attributes; -

- * Designed for average people, so you dont need to be an Olympic athlete to use it.
- * Flown by average people for more than a half hour at a time.
- * Simple, natural controls so can be flown by nearly anybody.
- * Ergonomically pleasing.
- * Light enough to be easily carried by one person.
- * As small as practicable for flying in reasonable breeze. (Smaller size also means faster flying speeds)
- * Aircraft derived from this project will be durable and relatively inexpensive.

To get an autograph or photo, message, advertisement, logo etc embedded onto the surface of this aircraft, all a contributor has to do is send the graphic on a plain white piece of paper, along with the contribution to: -

Geoff Hanbury, PO Box 702, Salisbury, South Australia 5108
cocky2@ihug.com.au, <http://homepages.ihug.com.au/~cocky2>

If anyone is sceptical of our success, dare to contribute then wait for it. We will achieve the first successful human powered helicopter flight.

If you would like to see fun aircraft like this eventually become available to everyone please contribute and spread the word. Every bit counts.

The New Executive

President: Kevin Mason - kevmason@triode.net.au

Secretary: Jeannie Davidson - jdavo21@hotmail.com

Treasurer/Membership Officer: Rudolf Werner - rudolf@fourthwave.com.au

We are all from NSW, the northern suburbs of Sydney and Central Coast but don't hold that against us. It should work quite well being in relative close proximity of each other for communication and organisational purposes.

Rudolf will welcome receiving your membership fees which are now due on 1st January each year. You have January to get them to him. If you haven't heard about this change yet it was proposed and voted on at the last AGM to help simplify it for everyone. Easier to remember when they are due and easier on keeping track of who is financial.

Encourage people to join OzHPV inc. as it only costs \$15 for individuals and \$30 for families and you receive our bi-monthly newsletter Huff as well as insurance cover at any of our events.

Rudolf says "I ride a Greenspeed GTS trike with full internal gearing and am slow as a wet week cycling up hills." My husband Stephen and I had our Kotzur touring tandem at the Canberra OzHPV Challenge and while we entered most events we were not much competition in the time trials. Kevin is an active member of BikeNorth and organises rides on their calendar.

Hope to see you at the next OzHPV Challenge in March 2003!

Jeannie Davidson - Secretary



2003 Broadford Challenge

The date is confirmed!

The OzHPV Challenge, BROADFORD 2003 will be held on March 1 and 2, 2003 at Reg Hunt Park (The State Motorcycle Complex) Broadford.

To make this event a RAGING SUCCESS we need to get cracking and organise it - very soon! A meeting will be held at the home of: Steve and Christine Nurse, 10 Abbott Grove Clifton Hill (ph 9481 8290) at 8pm Tuesday 17th Dec 2002. BYO Grog and we can have a drink and a natter to celebrate 2002. Please bring along anyone who you think can help but may not be on email.

Just to get you all thinking...

Sponsors, entry money, signage, PR, invitations, prizes and trophies...

Events: TimeTrial, RoadRace, TwinDrags, OffRoad, Criterium, Shopping, HillClimb, Sprint, Concourse d'Elegance...

Timing gear, number plates, scoring system, flags...

Trade displays, swap meet, test rides, camping, singalongs, scouts sausage sizzle, St John's ambulance...

See you all Tuesday night...

Damian



Greenspeed trike with Reflex fairing.



Start of Criterium - Heat 1

Midnight Special - homebuilt carbon fibre race trike



If this Newsletter cannot be delivered please return to:
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