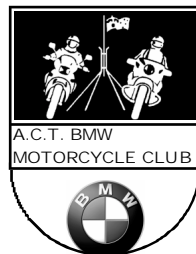


BMW club

2004

Shaft Drive Lines



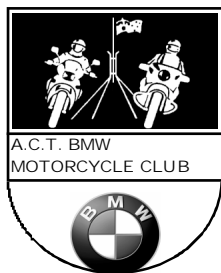
ACT BMW MotorCycle Club Inc

Member of the International Council of BMW Clubs

Don't forget our Kosciuszko Rally
at Geehi Hut this weekend!
Leaving from Rolfe's at 8.30am
on Saturday 23 Oct.



NOVEMBER 2004



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Meetings:

When: **Fourth Monday of each month**

Where: Italo Australian Club, 78 Franklin St FORREST

Time: 7:45pm

Next Meeting: Monday 22 November 2004

Membership:

Membership fee is \$40 per year. A small joining fee applies to new members and includes your membership badge. A membership form appears in the back pages of this magazine, or you can obtain one by writing to :

The Membership Secretary
ACTBMWMCC
PO Box 1042 WODEN ACT 2606

**Please advise the Membership
Secretary of changes to your
contact details.**

Activities:

Club runs and social events are detailed in the *What's On* page in this magazine. The Club endeavours to have at least one organized run per month. Suggestions for runs and activities are welcome to the Ride Coordinator or the Social Secretary.

Every effort is made to make the information on the *What's On* page accurate but changes to meeting times and places etc can occur between publication dates. Members will be reminded of rides, activities and general information by email. If your email address has been changed or your box is full, we can't contact you, so advise the Ride Coordinator of changes to your contact details. The most up-to-date information will be posted on our website <http://www.actbmwmcc.org.au>

Participants in Club activities are advised and reminded that they do so at their own risk and are fully responsible for their own riding. Please obey the law at all times and ride with your safety and the safety of others in mind.

Charity Support:

This club proudly supports the Cardio-Thoracic Unit of The Canberra Hospital.

Web Site: <http://www.actbmwmcc.org.au>

Check the web site for updates of rides and social events.

About 'Shaft Drive Lines':

Relevant Contributions to this Club Journal are most welcome, and should be directed to the Committee at any general meeting, or posted to:

The Editor, Shaft Drive Lines
ACTBMWMCC
PO Box 1042
WODEN ACT 2606

or email to editor@actbmwmcc.org.au

The deadline 10 days is before the next meeting. All disks & photos etc. will be returned upon request.

Articles and photos sent as attachments to be in Word format or JPEG format respectively. Please keep photos separate and do not embed them in your document. When you send attachments to emails please use the alternative address: editoractbmwmcc@yahoo.com.au

Disclaimer:

The opinions published in this Club Journal are those of the individual correspondents, and are not necessarily those of the Editor or of the ACT BMW Motor Cycle Club Inc.

Technical articles, and other such information where provided, are for use at the discretion of the individual members, after warranty, and are not intended to detract from genuine BMW spares or accessories.

Privacy of Club Member Information

The Club is aware that privacy of personal information is an issue of growing concern and for that reason has a declared policy as regards *Privacy* and *Spam*.

Details of the Club's policy were given in our May 2004 newsletter.

Any members who have queries should contact the Club President in the first instance, or alternatively, raise these issues at the Club's monthly meeting.

This month's cover:

Bruce Campigli checking out the new K1200S at the Sydney Motor Show

The Presidential Hookah



Well the hot weather has finally arrived and the fair weather riders are out and about which is good to see. I am amazed at the number of scooters that are starting to appear on the roads and in my parking spot at work! But it's good to see more riders out and about on what ever devices they ride as it's good for promoting bikes as a viable form of transport and something cars drivers need to be more aware of.

22 of our members had a great ride down and an enjoyable stay at our annual pilgrimage to Bermagui. Typical of a club ride we went in all different directions but a few of us went via Bombala and the Imlay road through Eden and then the new sealed section from Tathra to Bermagui. We were a little disappointed that the NSW club did not join us for a meal at the pub on the Saturday night – but many thanks to Leah for her organising and in particular the beaut meal on the Saturday night.

Our annual concours was held at the Tidbinbilla tracking station on Sunday 10 October combined with a lovely breakfast arranged by John McKinnon. The catering by Pam at the Moonrock Café was excellent as usual and highly recommended. Many thanks to Ian Warren for organising access for us and providing a talk and tour of the facilities to outline their current work including tracking Mars probes.

It was unfortunate that we had to restrict access to only those members who advised they were attending due to increased security requirements at the site of which we were not aware when originally organising the event. It was also a pity that we could not participate in the German Autofest due to a change of dates by their organising committee and a clash with our Bermagui weekend. Next year??

Don't forget to get your tickets for our Christmas party at the Botanical Gardens restaurant. We had a great night last year with over 60 members

attending and as we are restricted to similar numbers this year you will need to get in early. The Committee is aware that some members feel the cost of \$45 per person is expensive but this is a lovely restaurant and the cost includes drinks. We will also be having our Christmas ride and lunch that the club hosts at the original site at Honeysuckle Creek in December so check the what's on page for dates and details. The ride to Young for the Cherry Blossom Festival and Temora for the airshow on 27-28 November should be a great weekend so get in early to book accommodation or come along for a day ride on the Saturday or Sunday.

Went to the Sydney Motorshow with John, Martin, and Bruce to have a look at the new cars and of course the K1200 S. Saw some magnificent vehicles with awesome engines – Maybach, Bentleys, Ferraris, Pagani, Elfins, AMG Mercedes - how does a 6.5 litres- bi-turbo V12 grab? We also were lucky enough to sit in a few – check the photos.

Well enough rambling from me. Come on out - it's warm enough now! The lining should be out of the jacket, the summer gloves on and the screen and visor covered with bugs – so get your leg over and get out there!

Safe riding
Peter

PS - hope to see you all at the Kosciuszko Rally this weekend.

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Martin Gilbert and John McKinnon check out a new Mercedes product ...

— but is it the Maybach or the AMG 6.5 litre turbo V12?

(see page 19 for answer)

The Vice Report

The weather has certainly improved of recent weeks and I am noticing more bikes on the road when I am commuting to work. Time to dust off your bike and get some miles under your belt. Dusting off their bikes is just what a number of the members did for the recent concours at Tidbinbilla. I did forget to count the bikes but the photo provides a glimpse of the numbers who responded in time to be allowed through security. Following a delightful breakfast in the Moonrock Café, the judges set about the daunting task of 'judging' the bikes in the categories entered by the riders. Cruisers and sports bikes were not represented. There were lots of tourers, a few post classics, a number of F650 GS bikes, some roadsters and the inevitable 'cluster' of rat-bikes. (The latter category presented a challenge for the judges.)

The concours was really a case of where can I park my bike and what category will I enter. Many of the bikes had not seen a toothbrush and very few were sparkling. Bikes really are for riding unless it's a HD. There were no last minute chamois to be seen and I noticed that all judges had to pay for their own breakfast. More about the results at the Christmas Party

I think about 35 of us gathered at the appointed time at Rolfe Classic and it was good to see our Editor out on his bike for the first time in a long while. At Tidbinbilla we were ushered into breakfast with typical Ian Warren (NASA) precision. After breakfast it was off to the control room, while the judges did our thing. There was then a photo opportunity, see the photos included. Leena has decided on a new 'aerial' dish for her bike.

There are a couple of interesting rides coming up soon; see the what's on pages. Temora is a great opportunity to see some flying history.

So many roads and so little time.

Colin



Leena's bike—with the very latest in on-bike satellite navigation and communications equipment.

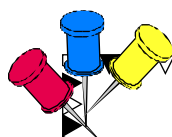
... eat your heart out Ron!





What's On - Rides, Events & Meetings

Club events are highlighted



- Our Annual Rally at Geehi Hut this weekend (23-24 October)
- Next General Meeting is on Monday 25 October
- Club's Christmas dinner and Presentation night (details at page 7)
- Sunday mornings now at the Arté Café, Bungendore (See below*)

October 2004

Mon	Tue	Wed	Thu	Fri	Sat	Sun
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

- 23 - 24 Club's Kosciuszko Rally at Geehi Hut
 25 General Meeting
 7.45pm Italo- Australian Club, Forrest

November 2004

Mon	Tue	Wed	Thu	Fri	Sat	Sun
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

- 3 Chomp and Chat — Statesman Hotel,
 Strangways St, Curtin — 6.30 pm
 5—12 BMW Safari Tasmania
 7 Mystery Ride with Alternative Sunday Breakfast
 11 Committee Meeting
 13 The Snowy Ride
 22 General Meeting
 7.45pm Italo-Australian Club, Forrest
 22 Last day to book and pay for Christmas Dinner
 27 -28 Day/Overnighter to Young/Temora

December 2004

Mon	Tue	Wed	Thu	Fri	Sat	Sun
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

- 2 Christmas Dinner & Presentation Night:
 7pm at the restaurant at the Botanic Gardens.
 5 Alternative Sunday Breakfast—tba
 11 MRA Toy Ride leaving from Old Parliament
 House at 10 am
 12 Christmas picnic—Honeysuckle Creek 12.30 pm

Arté Café and Restaurant

... noticed that our regular Sunday breakfast spot is up for sale.
 It was very pleasing to see that we got a mention in the 'for sale' ad.
"Excellent business with a very affluent, faithful, diverse and interesting clientele"
 Can you identify these four club members?

More What's On

3 November - Chomp and Chat

6.30 pm at the Bistro in the Statesman Hotel, Strangways Street, Curtin. About 14 members of the Queensland club will be here en route to the BMW Safari so come along and have a chat with our banana bending brethren.

5 - 13 November - BMW Safari Tasmania

7 November - Mystery Ride

... is still a mystery, but remember that it's the first Sunday of the month, so it's an 'alternate breakfast' Sunday. 8.30 am departure from the usual locations—Shell Gateway at Mitchell and 'Red Rooster' Queanbeyan.

13 November 'The Snowy Ride'

Destination: Thredbo. An annual fundraising event for the 'Steven Walter Fund' the Children's Cancer Institute of Australia. "The 2003 ride was enormously successful with 2100 riders attending - from all over. It is not a race or rally, it is meant to be an enjoyable safe ride through some of the nicest riding areas in the country". There is an entry payment of \$50- which includes a raffle ticket in a major draw of a donated Honda. Not a Club event, but let us know if you're interested in getting together and travelling as a Club group.

27—28 November - Temora and Young

Day ride, or optionally a weekender, for the Young Cherry Festival and the Temora Airshow and Museum. The Airheads are riding to Temora on Saturday 27 November.

2 December - Christmas Dinner

At the National Botanic Gardens Restaurant, Acton.

\$45 per person including drinks. Make sure you book early! See the next page for full details.

11 December - MRA Toy Run

We beat those old Ulyssians for the best club attendance at the 2004 Blanket Run so we want to make it two in a row at this year's MRA Toy Run.

Departure from Old Parliament House at 10 am. Load your bike up with toys and come along and support a great cause.

12 December - Christmas Picnic

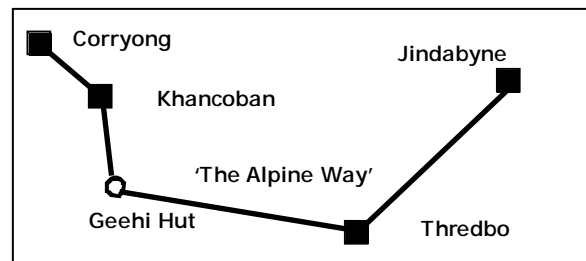
Our last club function for the year, so come along to Honeysuckle Creek for the Christmas Picnic from 12.30 pm.

Kosciuszko Rally

October 23-24 (This weekend!)

Still time to get ready and go!

Geehi Hut campsite near Khancoban (between Thredbo and Khancoban) - signs will be out on the Alpine Way. The ACTBMWMCC's annual rally and a fun weekend for everyone. This year it's BYO everything—camping gear, food, drinks, but firewood will be available. (Fire ban permitting) Entry fee is \$15 per person payable on arrival. Trophies in many categories, e.g. youngest, oldest, distance, etc., raffles, good times assured. **On a serious note, those going to the rally should exercise extreme caution as two riders were killed and two injured last week. Expect a heavy police presence on the Alpine Way.**



'The ACT MRA is offering support to a Mesothelioma Foundation Fund-raiser event to be held on 18 November, 2004.

Peter Thurbon was a motorcyclist and member of the ACTBMWMCC who died last year from Mesothelioma. His son and the son of another Mesothelioma victim are raising funds and awareness by riding pushbikes to Sydney, leaving Canberra on the morning of Thursday 18 November, 2004.

To help with the send-off, escort the procession out of town and to increase the media spectacle, MRA has offered to assist by getting together a number of motorcyclists to provide the escort. I would like to hear from anybody who could spare a couple of hours on the morning of Thursday 18 November, and make themselves and their bikes available for the escort.

We are assembling at 8.30am for a 9.00am departure (starting venue yet to be confirmed), and will escort the pushbike group to the outskirts of the city, probably via Commonwealth Avenue and Northbourne Ave.

My contact details are mobile 0413 274 805 or email robyn.major@ozemail.com.au.

With many thanks

Robyn Major
President Member
ACT MRA ACTBMWMCC'

The ACT BMW Motorcycle Club invites all members to the
CHRISTMAS DINNER AND PRESENTATION NIGHT

Thursday 2 December 2004 from 7.00pm

**The Australian National Botanic Gardens Restaurant,
Clunies Ross Street, Acton**

**Cost: \$45 per person for a three course buffet dinner and drinks (beer,
wine, soft drinks, no spirits)**

Dress: Smart casual with a LOUD Shirt

The Menu:

HOT FINGER FOOD

Vegetarian Cocktail Spring Rolls, Chicken Satay, Vegetarian Cocktail Samosas
Fish Cocktails, Spinach and Fetta Fillo Triangle, Mini Beef Mignons with Basil Bearnaise

BUFFET MAIN COURSE

Traditional Roast Turkey with Sage, Lemon and Chestnut Stuffing, Chipolata
Sausage with Cranberry and Roast Turkey Jus
Roast Sirloin of Beef with a Herb, Tomato, Mushroom and Shallot Demi-Glace Sauce
Vegetarian Lasagne

Chargrilled Vegetable Stacks

Fresh Seasonal Vegetables and Chat Potatoes

Leafy Green Salad with Avocado and Fresh Basil Dressing

Selection of Crusty Bread and Rolls

BUFFET DESSERT

Traditional Christmas Pudding with Brandy Sauce

Citrus Tart

Flourless Chocolate Hazelnut Torte

Cheese and Fresh Fruit Platters

COFFEE

Freshly percolated Cosmorex Coffee and Twinings and Herbal Teas

DRINKS

Red and White Bottle Wine, Champagne, Light and Heavy Beer, Soft Drinks and Orange Juice

**RSVP to rally@actbmwmcc.org.au or phone Leah or John McKinnon on
6291 9438.**

**Full payment by cheque to the Treasurer, ACTBMWMCC, PO Box 1042
Woden ACT 2606 (with completed tear off slip below) or pay cash at the
meetings or breakfast. Full payment MUST be made by Monday 22/11/04.**

**Numbers are limited to sixty people so book early to avoid
disappointment.**

I / we will be attending.

Name _____ (please print)

Number attending _____

Payment @ \$45 per person _____ (no refunds)

**Nominations
Wanted!
See page 13**

Airheads Ride Schedule: October/November

Airheads is a group of motorcycle enthusiasts who ride to different destinations in the district weekly or fortnightly depending on the season. The schedule includes short Saturday rides suitable for older Airheads alternating with longer rides and overnights more suitable for modern machines.

Where: All Airheads rides start from the Ampol Servo, corner Federal Highway and Antill St, WATSON

When: Departure time: **October: 9.30am; November: 9.00am**

(overnights may commence earlier, please phone to confirm.)

Contacts: Peter Wilson - 0402 248 553 or Peter Robleski - 0407 280 477

Saturday October 23: **Gunning (150kms return)**

Ride to Gunning via Collector and Breadalbane, breakfast/ morning tea at Gunning; back to Canberra via Gundaroo and Sutton.

Saturday October 30: **Eden (overnighter)**

Ride to Eden via Cooma, Bombala and Cann River. Visit the local attractions and stay overnight. Return to Canberra via Candelo, Bemboka, Nimmitabel and Cooma.

Saturday November 13: **Braidwood (160 Kms return)**

Ride to Braidwood via Mac's Reef Road and Bungendore. Morning tea at Braidwood then return to Canberra.

Saturday November 27: **Temora (approx. 400Kms return)- early start 8.30am**

Ride to Temora via Bowning, Binalong and Harden and attend the Temora Aviation Museum's flying day. Return via same route.

* Airheads rides are also approved ACT Vintage Veteran and Classic club rides. This schedule can also be seen on the web at www.actbmwmcc.org.au. Note that rides may be changed by general agreement. Oilheads and Waterheads welcome!

ACTBMWMCC Merchandise

The Club has for sale a range of good quality clothing (embroidered with the club logo—as at right) at very reasonable prices. Come along to the next club meeting to see the sample range. You can also purchase or place your order (cash or cheques only) at the meeting with Louise Coxon, our Merchandising Officer. Orders can be collected at the next meeting.



Polar fleece zip jacket (mens or womens available)	Black, navy or red	\$45
Polar fleece contrast vest (unisex)	Black/red, black/gold, black/grey, navy/red	\$40
Long sleeve denim shirt (unisex)	King Gee medium blue all cotton	\$35
Long sleeve chambray shirt (mens or womens available)	Light blue all cotton	\$48
Mens rugby top	Navy with denim collar	\$42
Ladies rugby top	Navy or red with white collar	\$30
Short sleeve polo shirt (unisex)	Black, charcoal or navy with contrast trim	\$35
Thinsulate beanie	Black or navy	\$25
Neck warmer	Black or navy	\$20

In response to many requests we now have a new peaked cap with club logo for \$20.

BMW Nationals 2005

Stanthorpe Qld

The 2005 Nationals have been designed to be more appealing to the BMW motorcycle enthusiast generally with a mix of traditional nationals activities (show'n' shine), and with motorcycle safaris (touring & adventure events) in the area and social events that appeal to the majority of motorcycle riders.

Stanthorpe is situated on the granite belt on the New England Highway near the NSW border. The area is a mecca for motorcyclists of all breeds. There are open undulating roads (New England Highway), tight twisting mountain roads (Bruxner Highway, Gwydir Highway) and mild to serious adventure routes (Sundowner National Park, Girraween National Park, Southern Downs State Forest). The Stanthorpe area boasts over 50 quality wineries, Girraween National Park, Bald Rock National Park (largest granite monolith in Australia) and for those who wish to explore the local area there is Tenterfield the home of the Tenterfield saddler, Warwick the rose city and for the more serious day tripper Byron Bay is only 3 hours away.

Nationals Day One: 25th March

The 2005 Nationals start on Good Friday with a safari touring route from Brisbane to Stanthorpe via the Mt Lindsay H/way and Bruxner H/way to finish at the registration point at Stanthorpe.

Friday night is a joint social activity with cars and bikes at the registration point at the Stanthorpe Civic Centre with BBQ & drinks.

Nationals Day Two: 26th March

Saturday there is the traditional Show'n' Shine competition/display to be at the show grounds with a parade through the main street of town.

It is hoped a test ride fleet of BMW motorcycles will be available. (yet to be confirmed).

A bus winery tour is organised for Saturday afternoon. (cost approx \$30 per person)

Impromptu adventure rides will explore local national parks, sports riders are invited to test their skill on the tight twisting Bruxner and Gwydir H/way.

Saturday night there is a joint car and bike casual dinner (show'n' shine awards presentation) at a local café. (approx \$40 per person).

Nationals Day Three: 27th March

On Sunday the motorcyclists will move to Tamworth to visit the Power House Motorcycle Museum. To get to Tamworth the motorcyclists will be invited to join either an adventure route (dirt roads) or a touring route (sealed twisting mountain roads). A cost efficient social function has been planned for the Sunday evening (approx \$25 per person).

Nationals Day Four: 28th March

Monday we bid farewell to our southern friends as they either head towards home or stay a little longer to enjoy the local area and the Queensland participants return north to the warmer weather.

Accommodation

Stanthorpe offers accommodation to suit any budget or standard, from one star to 5 star accommodation. There is pub accommodation, camping, motels and cabins. Details of accommodation venues and prices are available on the 2005 Nationals web page. www.bmwclubqld.asn.au/Nats_2005/program.htm

It is anticipated that motorcyclists will prefer to stay in close proximity to each other to mix socially with other BMW motorcycle enthusiasts, so as to generate a rally atmosphere. Therefore the preferred accommodation venues for motorcyclists are the Murray Gardens Motel (offers cabins & motel style accommodation \$40-\$80 p/h shared rooms) and Top of the Town Caravan Village (camping, hostel, on site vans & cabins 10% discount). At Tamworth the Power House Motel has arranged a bikers package with a 20% discount (prices range from \$125 - \$250), however, there are also other accommodation venues available.

People interested in attending the 2005 Nationals are advised to book accommodation as soon as possible (as demand is high) and a deposit is necessary.

For further information on the 2005 Nationals or to express your intent to attend, visit the web site www.bmwclubqld.asn.au/Nats_2005/program.htm or contact Nigel SMITH (2005 Nationals Committee Vice Chairperson (motorcycles) & BMW Clubs Australia Vice Chairperson (Motorcycles)) mobile 0416 059195 or email: ngsmithy@iprimus.com.au.

We've all read those articles in bike mags and envied those lucky riders touring NZ...

Wonderful scenery, roads, etc, etc.

Should we do something about it?

Coming out of discussions amongst those members on the recent Ranges Ride (probably in Peter's Irish Club again) was a proposal that we look at the feasibility of organising a Club ride/tour in New Zealand. John McKinnon has made preliminary enquiries.

Tentative date: February 2006

Bike Cost (return): up to 2.3 metres long \$1,430 (covers most bikes); bikes over 2.3 metres \$2,065, LTs \$2,800.

Cost includes customs clearance and quarantine inspections, loading and unloading of the container at both ends.

Bond: Each person is required to put up 12.5% of the insured value of the bike as a cash bond for NZ customs to ensure you do not sell the bike in NZ. This represents the GST component of the price as there is no import duty into NZ. This bond is fully refundable on return of the bike to Australia.

Shipping insurance and travel insurance not included.

People Cost: Airfares, accommodation costs, food and fuel plus whatever else tourists spend their money on.

Shipping is arranged through Dave Milligan of Get Routed.

Dave is invited as our SPECIAL GUEST for the November General Meeting when he will give us a full run down on the logistics and be available to answer questions. Dave also can talk about options for the customs bond. Dave will also have with him a shipping cradle for inspection.

Expressions of interest are called for now so we can start planning the trip.

Please let John McKinnon know if you are interested. John also has more details available if you wish to talk to him about the trip. (Email rally@actbmwmcc.org.au or phone on 0418 698 971)

TJ's Tyre Competition

We know that a few of you have been out there tirelessly touring — i.e. travelling to obscure and remote locations, taking photographs of self and bike along with silly big objects — but Alison reports having received few photographs so far. See page 14 for entry details.

Do you really want Fred Pensko to just walk away with another set of new tyres?

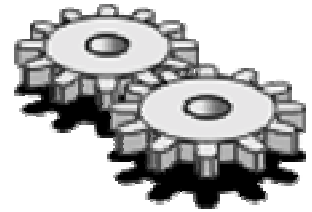
No? - well do something about it! You can send photos electronically to delegate@actbmwmcc.org.au, or post to: The Secretary, PO Box 1042, Woden ACT 2606

Recent Rides - Ranges and Beaches

With thanks to Jeanette Hahn for the photos



'Bike to Bike Comms' - Part 2



Ray Coxon, our technical ace on all things electronic, concludes his two part article about bike to bike communications.



Transmitting

How we 'key' the transmitter is useful to discuss. But first some terminology. A two-way radio is actually two separate devices, a transmitter and a receiver. They both use the same aerial but are otherwise separate. The problem is that the transmitter outputs (say) 2 Watts and the receiver has to detect signals of (say) 2 micro Watts. Now the super sensitive circuit that can make sense out of a 2 micro Watt signal would be cremated if it had 2 Watts applied to it, and this is what could happen if the receiver was not disconnected from the aerial before transmitting. To protect the receiver, all two-way radios have mechanism where the act of turning on the transmitter simultaneously disconnects the receiver from the aerial. Traditionally this is called 'keying' the transmitter.

Because the receiver is disconnected during transmit, you can't hear anybody while you are talking (just like real life really). Also if more than one person is transmitting at the same time, nobody can make sense of anything at all (also just like real life). All the receivers that are still connected to their aerials will hear some strange noises or nothing at all.

There are three ways to key a transmitter that concern us here: VOX, PTT and Hot Mic.

PTT vs Hot Mic vs VOX

Press To Talk is what you see the cop or taxi driver do. They press the spring loaded button on the microphone while they are talking and let it go to listen. When they stop pressing the button, it springs back and switches the aerial back to the receiver. Pressing the button 'keys' the transmitter and disconnects the receiver. On a motorcycle the PTT button will be on the left hand grip where it can be easily operated without taking the hand off the grip.

Hot Microphone means that you set a switch that stays where it is set (like a household light switch). This means that the transmitter is keyed continuously until the switch is reset to off. This is a generally uncivilised and unfriendly thing to do, as all receivers in range are jammed and no transmitter can get out either – for miles. Shuts down the whole channel.

The reason this is used on a motorcycle is that sometimes when the rider is busy (has his hands full of levers and switches) he doesn't have any spare fingers for the transmit switch. Now my view is that he shouldn't be messing with the radio in these circumstances, but if necessary it can be switched to transmit and left there while some gear changes etc. happen and switched back to off when some spare digits are found. If you forget, then not only will you not hear anything for the rest of the day but neither will anybody else on your channel.

Voice Operated Microphone is a much better solution to the hands-off keying of the transmitter than the PTT option. VOX uses the sound pressure at the microphone to key the transmitter, of in other words, when you start talking the transmitter is keyed and your voice goes out into the ether without you having to lift a finger.

While this sounds like the ideal solution, it comes with a few penalties. Firstly it cuts off the first bit of the conversation, often the first word. Experienced VOX users stick a dummy sound at the start of the conversation, like 'ah' to get around this effect.

Another issue is the threshold level setting. Because on a motorcycle the sound level is never zero, there will always be some background noise. So how does the microphone distinguish between your voice and the background noise? There must be a threshold level adjustment for the VOX which is adjusted so that it doesn't key at maximum speed but does key if the rider speaks.

Also, if you are prone to saying rude words when you are surprised or startled by other road users, then your expletives will go out onto the airwaves for all to hear.

Note: If someone in your group has the VOX threshold set too low, their transmitter may key whenever they are over a certain speed which will annoy everybody terribly.

Installation

The two-way radio can be either installed (wired and bolted to the bike) or removable or any combination of these two. In terms of function there is no real difference and probably depends more on the type of radio than anything else. A small hand-held is usually removable and a car-type set is usually bolted in. Fine-tuning the aerial (27 Meg) is usually irrelevant for our sort of use.

The more important issues are how the wiring and switches for the transmitter are attached to the handlebars. The most important thing is that you can transmit without distraction, especially without having to look at what you are doing, whilst riding.

What I use

As I mentioned in August, I personally have a AutoCom Pro-7-Sports intercom (<http://www.bluerim.com.au>) which is wired for both Bike-to-Bike and mobile phone. I use an Electraphone hand-held radio (fastened to the back of the bike where I can't see it) and a Nokia 6110. This rig is suitable for my purposes and there isn't much I would do different if I was doing it again.

Ideally...

The ideal installation (in the author's view) is a radio that is completely out of sight when riding. I would put it in a pannier or under the seat where you can't get at it. All you need to be able to do is press the transmit



'Bike to Bike Comms'

button when you want to talk (or select VOX). The channel, volume, VOX threshold and squelch settings should be decided set before you engage the clutch. The power should be half a Watt and the type (27 Meg or UHF) should be whatever your riding group uses.

If you have a touring bike with AM/FM/Cassette fitted then you will probably want to listen to the that when the two-way radio, phone and pillion are not talking. For this you need to integrate all these services with a good intercom (see August 2004's article on intercoms).

The Foreseeable Future

There are two technologies that could offer some better solutions for us motorcycle riders in the near future. They are Wi-Fi and Satellite phones.

WiFi

WiFi, short for **Wireless Fidelity** refers to a IEEE 802.11 network. It is used for computer networks to transfer large amounts a data between computers that are connected by radio rather than by wires. It is wireless in the old radio sense of that word. These radio connections are high throughput, short range (less than a kilometre) and usually encrypted for security.

It is theoretically possible (although I know of no one who has done it) to create a short range system that would solve all of our problems. We could set up a group 'channel' that no one else could hear and talk with digital clarity. It would need a reasonable amount of computing power in each unit but it would be feasible to have the units completely in your helmet.

Satellite Phones

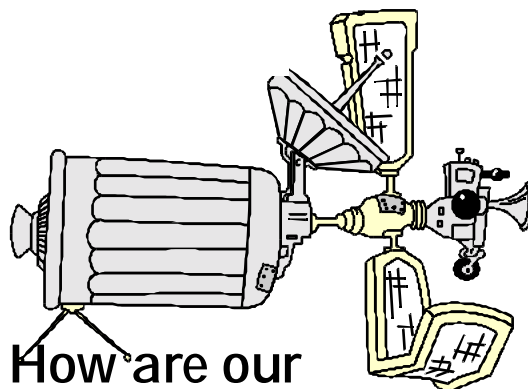
Satellite phones solve the problem of cell phones not being able to find a cell to talk to. The satellites are in effect the cells and there are always at least three available. This means no dead spots. In practice they are still too expensive for most folks.

In Summary

This is a huge subject with an enormous number of variables, all valid and all justifying different approaches to get the functionality that you want. In this article I have covered what I think are the most important and most likely questions that need answering. I have tried to answer these questions for the not very technically qualified person who really doesn't want to know any more about radio than how to choose a rig that allows them to talk to another motorcycle they are riding with.

While to the best of my knowledge, everything I have said here is true, it was often not the whole story. If you want to know more about any aspect of radio or installations I am happy to talk to you about it. If you want to know more about radio theory or effective use radio networks, I can help with that too. If I don't know the answer to your question I can point you in the right direction to find out.

Happy riding and don't talk so much you forget to see the scenery.



How are our communications with you?

The Committee tries to ensure that all details of rides, Club events, etc. are covered in the newsletter, and with sufficient advance notice.

Inevitably things change—last minute change of venues, meeting places, times or impromptu rides. The committee attempts to notify these changes to as many members as possible, usually by email—which is fine if you have email.

We know that this doesn't always work, so we're also looking at other options.

It will help if you can LET US KNOW:

- If you don't have regular email or web access.
- If you receive the printed newsletter, but think you are missing out on Club communications

2 December - Christmas Dinner

Details are on page 7.

RSVP and payment **by 22 November** essential.

Places are limited so **BOOK NOW** and have a great evening!

Remember, it's also our presentation night, including the results of the recent Club Concours and special awards.

NOMINATIONS (and accompanying story) are invited for the annual 'step off award' - so think back over those usually embarrassing, occasionally funny and sometimes painful events of 2004.



TJ's Competition 2004

Alison and Martin Gilbert our erstwhile competition administrators have been underwhelmed with entries for TJ's competition so are begging you to send in something for them!

Here are the 2004 rules and don't forget the competition sponsor, Hal Caston of TJ's Tyres has again agreed to sponsor the competition and will give the major prize - a set of tyres up to the value of \$450.

Prizes will again be awarded on the points score but the means of gaining points will be expanded.

The competition runs from May 2004 to February 2005. Members gain points through photos, (i.e. of member, bike, location/sign), like under the previous rules, or by attending club riding events.

Point scoring is weighted to encourage long distance touring and regular attendance at club rides, which include Airheads and Gravel Surfers organised and advertised rides.

HOW TO SCORE POINTS AND WIN

A photo at TJ's Tyres is compulsory for entry into the competition.

10 points—entrant and bike at TJ's Tyres.

20 points—entrant, bike and Hal at TJ's Tyres

And then accumulate points under the Photo Section and/or the Club Riding Event Section

TJ's Tyres Touring Competition - Photo Section

(Remember, to qualify, all photos must include member, bike and landmark or sign)

1. State Borders

Vic	4 points
SA and Qld	8 points
Tas, NT, WA	15 points

2. Specific Sites

Uluru (NT)	20 points
Lake Argyl (WA)	20 points
Bamaga (Cape York) QLD	20 points
Big Lobster (SA)	15 points
Birdsville Pub (QLD)	15 points
12 Apostles (VIC)	10 points
Big Pineapple (QLD)	10 points
Dubbo Zoo (NSW)	5 points

3. Other equivalent sites or situations, determined on merit, subject to administrator's judgment e.g.

Charlotte Pass in July/August (wearing shorts)
20 points

Photo with saltwater crocodile (but must be live and
> 3 metres) 20 points

4. Other points allocated on the following basis for each new landmark

Other 'big' things (must have sign claiming bigness)
2 points

Major sporting ovals interstate (e.g. SCG, MCG, Adelaide Oval, the Gabba, Telstra Dome, Telstra Stadium, WACA)
2 points

National Park signs 1 point

Dams or lakes (large bodies of water or their signs if dry - not farm dams) 1 point

Club Riding Event Section

You can score points by attending normal club rides. These are the official rides—those listed in the 'What's On' column of this newsletter and includes Airheads and Gravel Surfers.

If you're in the competition, to claim your point/s you will have to make sure that on the day of the ride that the ride coordinator records your presence - it's up to you.

Points are scored on the following basis:

Day ride	1 point
(Sunday breakfast is not a day ride)	
Weekend away	3 points
Club Safari	10 points
Rider Training participation	20 points

So get to TJ's TYRES for your photo with Hal and build up your points.

Although it's now getting towards the end of 2004, it's still not too late if you've done the km's and taken the photos, so you may have an outside chance of beating Fred Pensko

So...

You can send your photos electronically to Alison and Martin at:

delegate@actbmwmcc.org.au

Or hard copy versions by post to:

The Secretary.

P.O. Box 1042, Woden ACT 2606



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Gravel Surfing Stuff

Last weekend I went on a ride to Wee Jasper, via Uriarra Crossing and Mountain Creek Road. I rode my Kwaka Z13 and my mate was on his TRX850 (mid 90's Yamaha V twin sports bike). As you may know there is about 10kms of good gravel road to cover on the way to Wee Jasper.

Now whilst neither of these bikes was designed for travelling on dirt roads they both performed admirably. We were both able to maintain speeds on the gravel that would have attracted the interest of any speed cameras/radar traps should they have been around - of course they weren't.

This just highlights the fact that you don't need a GS to get out onto gravel roads and enjoy yourself. So don't let anyone tell you that your road bike is not suited to dirt roads.

This summer, in addition to the usual GS rides, we will be organising a couple of rides that will suit beginner GS riders or road bike riders.

We will also be having a number of midweek evening/twilight ride rides. The first one of these will be a repeat of the one we did last year. Uriarra to Yass (via Mountain Creek Road) with a meal at a pub/cafe. Home via the highway or other routes as decided on the day.

Mountain Road passes through some very scenic country and there is only 5 kms of excellent gravel on the road so this ride is suitable for all road bikes.

We hope to have enough day rides, evening rides, weekends away and beginner rides this summer to keep everyone happy, but would appreciate any assistance, suggestions or feedback.

COMING EVENTS:

NOVEMBER

Nov 4 Evening Ride: - Yass - Via Uriarra Crossing / Mountain Creek Road (Suitable for road bikes). Leave Uriarra Crossing at 6pm

Nov 13/14 Snowy Ride: - This can be a weekend away or day ride: Suitable for beginners: Leave Tharwa at 8.30am. Then Yaouk/Adaminaby - then dirt/tar options for snowy ride participation. Entertainment and accommodation is based at Thredbo. For more details on the Snowy Ride: www.snowyride.com.au

DECEMBER

Dec 4/5 - Tuross Falls: - Organised by Wollongong members of NSW BMW Touring club) Leave Queanbeyan (Red Rooster) at 8.30am. Araluen / Moruya/Bodalla/Tuross Falls - (then home on Sunday via Cooma/Shannon's Flat/ Tharwa etc).

Dec 9: Gravel Surfing xmas party: - BBQ - BYO - either at Acton point - or Greg's place if weather is bad. Contact me about this one.

Dec 16 - Evening Ride (Destination to be decided, but maybe Wee Jasper via Doctors Flat Road and then home via Sawyers Gully Road)

Contact me on 0407 415 294 or

upsidedowngreg@yahoo.com.au if you intend going on any of these rides.

Upsidedown Greg



A brief stop—no lattes for Gravel Surfers—on the way to Tuross Falls—'03



Minutes of General Meeting 27 September 2004

7.45 pm Italo-Australian Club, Forrest

Present: 27 members

Apologies: Robin Dunn, Ruth and Howdie Farrar, Steve Hay

Minutes from previous meeting (23 August) not available.

President – Peter Stanfield.

Bermagui – 23 members participated in this weekend, taking 3 routes on either Friday or Saturday. It was a most enjoyable weekend and the Saturday evening meal in the Hotel was excellent. Participants expressed their disappointment with the NSW Club members who were in Bermagui for the weekend, but did not attend the Saturday evening dinner, although they had been included in the planning. The meeting agreed that a weekend at Bermagui would be planned for September 2005 but the NSW Club would not be invited to join.

German Auto Fest – The Club did not attend this year due to other commitments. Ron Andrews attended.

Volunteers – 6 LT riders from the Club participated on the ACTAFL Grand Final day by taking 7 players around the field in the pre-match activities. This effort raised \$100 which was donated to the cardio-thoracic unit at the Canberra Hospital.

Concours – 10 October at the Tidbinbilla Tracking Station. All members encouraged to participate. Each entrant can nominate 2 categories but can only win 1 category.

Pink Ribbon Motorcycle Ride 2004 – Sunday 24 October starting from Old Parliament House at 10.00am and organised by WIMA. A \$5 donation from each participant will go to the Breast Cancer Network Australia. A flyer is available for perusal. It was noted that this date clashes with the Kosciuszko Rally.

Kosciuszko Rally – 23-24 October planning is under way and all encouraged to attend. There was some discussion about the need for a marquee. John Alexander offered a marquee that he has access to. Ian Hahn and others are riding there on the Friday.

October Newsletter – Roger and Pam congratulated on another fine issue.

Vice-President – Colin Ward.

BMW provided a detailed list of new and special editions with their extras and colours. Colin has these details.

Secretary – (Steve Hay overseas).

John McKinnon presented the correspondence received, including magazines from other clubs. Of interest was the Merriwa River Rally, 23-24 October. John has these details.

Treasurer – Peter Oliver.

The September Treasurer's Report was presented. As at 27/9 balances were: Business Cheque Account \$4657.41; SmartSaver Account \$2175.18. Details of debits and credits for the month were provided.

Editor – Roger Paull.

Writers thanked for their articles and Roger reminded everyone of the need for quite a few articles for the bumper December issue.

Ride Coordinator – John McKinnon.

Ranges Ride – a great ride/holiday enjoyed by all, with mainly good accommodation and weather despite some hail and thunderstorms and Col's novel way of cleaning his bike. **Concours** 10 October, leaving from Rolfe at 9.15am. Bikes will be displayed in the secure parking area behind the entrance boom gate at Tidbinbilla Tracking Station. John will send out a reminder email for confirmed numbers so that participants can gain access to this secure area.

Thanks to Ian Warren for making all relevant arrangements. Brunch will be held at the Moon Rock Café \$12.50 per head.

Other Rides – 15-17 October Grand Prix – several members going. See Colin Ward for details. 16 October Robertson/Berry/Kangaroo Valley. 23-24 October Kosciuszko Rally. November 7 mystery breakfast run; 5-13 November Safari; 13 November Snowy Ride; 27-28 November Young/Temora.

New Zealand February 06. Dave Milligan organises bike transport from Sydney to NZ. John will request expressions of interest and provide details of costs and procedures etc in an email and for the website. Dave has offered to talk to the group if there are enough members interested. Olaf mentioned the option of renting bikes in NZ.

Social Secretary – John McKinnon (for Leah who was taking the minutes).

October Chomp and Chat will be held on Wednesday 6 October at the Red Sea Restaurant in Civic. John has requested members advise if they are attending. **The November Chomp & Chat** will be held at the Stateman Hotel in Curtin as some members of QLD BMW Club are coming through on the safari.

Christmas Dinner will be held on Thursday 2 December at the National Botanical Gardens Restaurant at \$45 per head. There will be fun competitions and prizes. Nominations will be received from members for the Step-Off Award on the night.

Clubs Australia Delegate – Martin Gilbert.

An insurance policy to cover all clubs is being investigated. The Nationals is being held in Stanthorpe, Queensland at Easter 2005 and registrations are open now.

Webmaster – Ray Coxon.

The site is being well maintained.

Membership – Ian Hahn.

To date there are 185 memberships + 86 dual memberships, total 271. This month I received 1 new and 1 renewal. Club badges and stickers are available for sale by Ian at every General Meeting.

Merchandising – Louise Coxon.

The neck warmers have arrived and there is a good supply of all merchandise at the moment. Louise will start proposing a summer range from the suppliers. Some stock will be used at the Rally.

Other Business:

Raffles at the Rally – BMW has provided some materials. Colin Ward has approached Rolfe for more prizes.



Minutes of Committee Meeting 14 October 2004

Held at Martin and Alison Gilbert's Kambah.

Present: Peter Stanfield, Leah & John McKinnon, Jeanette & Ian Hahn, Alison & Martin Gilbert, Pam & Roger Paull

Apologies: Ray & Louise Coxon, Peter Oliver, Colin Ward

Amendments: none

President: Peter Stanfield. Arrangements in hand for Rally. Query about possible fire ban in area. \$200 needed for firewood (in cash). Thanks to Leah for Bermagui dining arrangements. Sydney BMW club did not turn up. Decision taken to send a letter of thanks and club cap to Peter Churchill and Jim O'Brien following breakfast and concours at Tidbinbilla. The committee notes some members state of penury and events will be planned taking this into consideration. The committee acknowledges that communication by email can be a problem for people who have not got email address details with the club. Christmas Picnic at Honeysuckle Creek Sunday 12 December. Suggest another BBQ to entice more BMW's out of sheds. "Get the old bugger out of the shed day" January or February 2005

Secretary: Stephen Hay – Mail this month compliments of John & Leah. Several fliers and a pledge sheet for the WIMA Pink Ribbon Ride. Usual collection of other peoples' club magazines. Received two email inquiries; one for help with Scarver screen. Replied with a few recommendations inc TJ's. Also request for help with a workshop manual for a K. Not yet replied.

Treasurer: Peter Oliver - Apology. Email received with the following financial details.

\$10 Smart Saver - \$2175.18

\$70 Business Cheque - \$4922.51

Peter is setting up a spreadsheet to track Christmas Party monies.

Editor: Roger Paull spoke on ways to cut down on printing costs. Printer sent the bill to BMW car club in error. Time for another cost comparison. Christmas hard copy to go to all people. Cost around \$700.00. Hopefully Rolfe will cover the cost of the covers. Contributions always welcome.

Social Secretary: Leah McKinnon – Statesman for chomp and chat 3rd Nov 6:30 Bistro and self cook BBQ. Drinks of water included in price. Christmas diner will feature a quiz. Nominations required for Step-off Award (to be sent to the President).

Clubs Australia delegate: Martin Gilbert –very quiet. Meeting of international delegates in USA at present.

Webmaster: Ray Coxon. – apology received. Committee approved a reciprocal link to TJ's website.

Membership: Ian Hahn – No new members this month. 274 members in total. 87 dual memberships.

Merchandising: Louise Coxon– Apology received.

Ride Coordinator: John McKinnon – Ride to Berry this Saturday 16th. The upcoming rides and events were discussed that are detailed in the ride co-ordinators section of the magazine.

General Business: - November general meeting talk by Dave Milligan of Get Routed on the logistics of freighting bikes to New Zealand for a possible club tour in February 2006. Dave will bring a shipping cradle for members to see and also be available to answer questions. Idea of New Zealand bike tour to be advertised in club newsletter.

Next meeting: 11 November Ian and Jeanette Hahn's at 15/9 Tristania St Rivett. BBQ before hand, from 6:30 pm Committee meeting at 7:30 pm.

Minutes of General Meeting of 27 September—Continued:

Chris from Rolfe will provide a list of possible gear and the cost. Jim offered to take any materials as he will be going on Friday. George Penfound has offered his trailer. Ray Coxon had the road signs for collection.

Ron Andrews suggested Ian Branston, the National Chairman of the worldwide BMW Clubs as a speaker for the November meeting. Ron Andrews will follow up.

A PowerPoint presentation of members' photos will be held during the November meeting. John McKinnon will obtain the equipment and offered to organise the presentation. Members are asked to send their photos to John or bring them as a PowerPoint presentation saved onto a CD.

Claire has a jacket and gloves for sale.

Graham spoke of his ride to Bemboka for the motor cycle display and the ensuing empty fuel tank. He was urged to write about this for the magazine. Other members spoke of their experiences with empty fuel gauges and fuel recommendations.

The meeting closed at 8.55 pm.

Next meeting 22 October.

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* Subject to
underwriting

From the Gravel Surfers:

"Congratulations to Sally and Richard Gallimore for winning their category of the Mont 24 Hour mountain bike race on the weekend. Richard and Sally competed in the Over 45s mixed team category. They might not have engines but it is still gravel surfing.

The race is held over a 20km course in Kowen Forest with competitors racing from midday Saturday until midday Sunday. In the team categories the team members take turns riding around the course. Richard and Sally's team completed 18 laps of the course during the 24 hour period."

At the Sydney Motorshow ...



" ... Ok, it's turbocharged, but are you sure it's a V12?"

Found

Olympus camera bag (small, grey colour, soft) at Tidbinbilla after the Concours on October 10. Contact Roger Paull on 6255 8045.

For Sale

BMW K1200 LT-1999 model, maroon, vgc, near new tyres, 37,000 klms. Nov 04 rego. **\$19,500** Phone **Graeme Swinton 0411 432939**.

TENT Eureka Tundra III, Eureka Quality, Australian design (but made in Vietnam) This is a serious 3+ season, 3 person tent, purchased in 2002 for lightweight camping. Used at Kosciuszko rally in 2002 and for one night since. Features include: integral pitch, removable inner tent is suspended from fully tape sealed outer. Quality alloy poles, adjustable pole tension, pegging loops for sand/snow or for using rocks when the ground is too hard. Inner tent has a maximum 2.1 M length and a total 3.22 sq M floor area, the selling point for use was the enormous vestibule, max dimensions 1.8m x 1.8 m total area 2.77 sq M. This is big enough for all your gear and more! Minimum pegs required: 5, maximum 19 (for cyclonic conditions) maximum dimension when packed (Poles) 50cm, total weight (according to bathroom scales) ~ 3.5 Kg. New price was \$349.00 (on sale) will accept **\$150 ono** from BMW club members, Contact **Daryl Webb mob 0427 553 182 or email daryl.webb@anu.edu.au** (instruction in pitching can be provided). Pictures available on request.

BMW K100RS 1986 good condition, headlight protector, fork gaiters, plain K100 handlebars, Good Wool Store sheepskin seatcover plus raincover, City case panniers, Staintune exhaust, engine protection bars and rear rack. Good tyres, rego to July 05. Serviced by Taffy. Price **\$3900**. Photos available. Contact **paul.mcalister@defence.gov.au or ph (02) 6265 1217 - work**.

BMW R80RT 1985, Many extras - comfort seat, Staintune pipes, panniers and rack. Very well maintained - runs flawlessly. Many parts updated: new battery, screen, cam chain, front forks, twin disks and tyres etc. Gearbox rebuilt, tank re-sprayed. A full history is available, also toolkit and manuals. **\$5000**. Call **Olaf on 0418 110087 or email me olafmoon@ozemail.com.au**

1993 BMW R100GS standard (stainless) muffler in excellent condition for **\$200**. Call **Peter Marvig (home—02 47390293 or 0405383900)**

Wanted

At last project TinkaToy (**R80 GS**) is underway. Need the **odd tool**. If you've moved to other projects and have the odd tool/bit (particularly Star nut exhaust spanner) which is no longer required please contact **ross.hayward@bigpond.com or 4471 5802**

For Sale: Second and last month

K75RT 1996, Immaculate condition, electric screen, heated handgrips, radio, ABS brakes, top box, panniers, comfort seat, front and rear crash bars. 35000 km. **\$12,500. Phone Colin on 6238 1060**.

BMW R80 and K75 RT seats. As new \$250 each. Early R850R rear rack—as new \$200. Two seater lounge (not a bike part!) —\$250. **Phone Colin on 6238 1060**

BMW K100 LT 1992. Rego to 9/9/2004, in excellent condition, new tyres, heated handgrips, tow bar, pannier bag liners, CB radio, new steering head bearings. **\$9000 neg**. Call **Malcolm on 02 629 444 28 or 0419 248 948**.

BMW R80 1995. Due to a change in lifestyle, I need to sell my R80 (sob sob). It is a 1995 model, done 64000km, and is in absolutely immaculate condition. I have had no mechanical problems with it and it has never been dropped. It runs very smoothly, is very economical to run, and is a joy to ride. It is fitted with a R100 replica quarter fairing, has crash bars, panniers, fork gaiters, comfort seat, and a gearsack rack with ventura bag. **\$9000 ono**. Give me a call anytime on **6288 2026**.

BMW R100RS - 1982, genuine 13,000 kms from new. Pristine condition, always garaged and serviced - even though not required. Lovely 2 tone red colour, paint on bodywork, frame and wheels as when it left the factory. New Metzeler tyres - first replacements, new battery. Toolkit, first aid kit, BMW panniers - all as new. Comes with Dri rider jacket, intercom system and two helmets. Starts first go and runs and rides beautifully - has been meticulously maintained. **\$7900**. Call **Steve on (02) 4471 7372 or 0413 884259**

BMW R1100S: Immaculate condition 2001 model, phoenix grey, 35,000 kms travelled with full service history (lovingly looked after, oil changed every 5,000 kms) first to see will buy. **\$13300**. **Phone Etienne on 0401 245 047 or etienne9@ozemail.com.au**

BMW K75S 1992 model, 41000km, charcoal colour with grey seat. I'm selling this bike for my brother in Victoria, contact me in the first instance. Bike must sell soon. **Offers over \$5000** considered. **Phone Martin on 6296 5758 or email delegate@actbmwmcc.org.au**

BMW GPS Navigator—\$1500.

R1150GS Spare Wheels. Complete with disks (ABS) nobby tyres. **\$1800 ono**. Call **Ron Andrews on 6242 9163 or 6251 6126 or 0412 626279**

Boxer Cup leathers - \$1,200 ono. Got them with the Boxer Cup R1100S but not used. Silver/grey (not the blue website photo) two-piece suit. Pro Foam protectors at the shoulders, elbows, hips, base of the spine and knees, large multi-layer back protector, collarbone protector made of SUPROTECT foam. Size to fit from BMW size chart: Size 56, Height 183—185, Chest 111-114, Waist 103-107, Hips 117—120, Side Length 107.5, Inside Length 83. Call **Chris on 0402 223 486 or email chris.rowell@kaz-group.com**

ACT BMW Motorcycle Club

PO Box 1042 Woden 2606



APPLICATION FOR MEMBERSHIP (Please cross out the option not required)

1. **NEW Single Membership \$ 40.00 plus \$5.00 Joining Fee.** \$ _____
(Fee from the General meeting in October each year is \$20.00 +JF)
2. **NEW Joint / Family Membership \$40.00 plus \$7.00 Joining Fee** \$ _____
(Fee from the General meeting in October each year is \$20.00 +JF)
- (Please don't send any CASH BY MAIL) Total \$ _____

Please fill out ALL PARTICULARS below so that we can record your membership details

Please Print

Last Name _____ First Name _____
Home Ph _____ Work Ph. _____ Mobile Ph. _____
E-Mail Address _____
(By filling in the e-mail address you have indicated you are willing to accept information on club events.)

Partner / Joint / Family Details, if different from above

Last Name _____ First Name _____
Home Ph _____ Work Ph. _____ Mobile Ph. _____
E-Mail Address _____
(By filling in the e-mail address you have indicated you are willing to accept information on club events.)

Do you wish your monthly magazine in paper format OR electronic format (e-mail)

Postal Address _____
Suburb _____ Postcode _____

Motorcycle 1 Make _____ Model _____ Year _____
Motorcycle 2 Make _____ Model _____ Year _____
Motorcycle 3 Make _____ Model _____ Year _____
Motorcycle 4 Make _____ Model _____ Year _____

The fees paid as above entitles me/us to receive the Club journal, membership card and for new members, a club badge, sticker and card (for each membership) and to participate in all the Club activities.

Participants in Club activities are advised that they do so at their own risk. You are required to obey the law at all times and ride with your safety and the safety of others in mind.

I / We agree to comply with the rules of the ACT BMW Motorcycle Club according to its constitution.

Signature 1 _____

Signature 2 _____

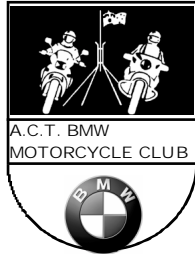
Date _____

Membership Secretary only Receipt # _____

Membership # _____

Mailing List _____ Badge _____ Sticker _____ Membership Card _____

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