

Winter 2007

ipmba news

Newsletter of the International Police Mountain Bike Association



IPMBA: Promoting and Advocating Education and Organization for Public Safety Bicyclists.

Vol. 16, No. 1

A Tribute to an Important Industry

by Maureen Becker
Executive Director

The 5th Annual IPMBA Product Guide is a tribute to the many companies who have shown their support for IPMBA throughout the years. From its founding as a program of the League of American Bicyclists to its current status as the internationally recognized authority on public safety cycling, IPMBA has enjoyed a close, personal relationship with many product suppliers dedicated to its mission. In the beginning, these suppliers worked literally side-by-side with IPMBA members to learn how to make or modify products to meet their peculiar needs – and they still do. Since the late 1980's, an entire industry dedicated to public safety cycling has emerged, making uniforms out of wickable, breathable, comfortable material, designing patrol shoes that are stiff-soled yet flexible, and equipping bikes with silent hubs, flashing lights and sirens, and heavy-duty shocks.

Many of these companies participate in the IPMBA Product Purchase Program. Industry Liaison Ron Burkitt has made a commitment to highlighting these fine companies, many of which also exhibit at the annual IPMBA Conference. Of the 12 reviews in this issue, no fewer than two-thirds of them offer discounts to IPMBA members! All you need to do when you place your order is mention that you are an IPMBA member (see pages 21-24 for listings). If you prefer to “try before you buy”, register now to attend the 17th Annual IPMBA Conference in Baton

Since the late 1980's, an entire industry dedicated to public safety cycling has emerged

Rouge. Industry Relations Committee member Bob Hatcher is organizing the second Product Purchase Program Showcase & Silent Auction, which will feature a wide array of items from nearly all our program participants! And, of course, the exhibit hall will resemble a public safety cycling department store, with displays of bikes, clothing, uniforms, accessories, and more. Some of this year's vendors have been with us from the early days: Bratwear, Mocean, Patrol Bike Systems, Trek, and Uncle Mike's come to mind. These five companies haven't missed an IPMBA conference since at least 1994!

Speaking of products, IPMBA and Johnes & Bartlett Publishers are on course to add a new product to their lines – the *Complete Guide to Public Safety Cycling*. The book is well into the production phase, which involved final edits, photo selections, writing captions, creating a glossary, designing the look of the cover and pages, and more. There is much more to publishing a book than meets the eye. IPMBA is grateful to all those authors, reviewers, photographers, and other contributors who have dedicated hours of time and years of experience; it is going to be a worthy successor to the original *Complete Guide*!

Polar Pedaling

The Art of Winter Cycling

by Marc Zingarelli, EMSCI #179
Circleville (OH) Fire Department

Ah, it's that time of year again. Fall is over, the nights are longer, there's a hint of snow in the air and a young man's thoughts turn to bicycle riding...

To answer your first question: No. I am not crazy!

Years ago I decided I would ride, no matter the weather, as long as the roads would let me. I found myself frequently not riding when the mercury dipped below 40 because it was usually wet or icy, or there was snow on the ground. I decided that I could ride more if I dressed for the wet and the cold, and I resigned myself to not riding when there was ice and snow. In my search for clothing, I stumbled across the Ice Bike web site (www.icebike.com). There I learned that other people rode their bikes year round and, amazingly, many of them rode when there was ice and snow on the ground. In fact, I discovered that winter riding is so popular in other parts of the world that the Nokian tire company makes (at last count) nine different studded winter tires for bicycles! I was hooked. I

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Project IPMBA



Winter has finally arrived. Until the middle of January, the temperature here in Ohio was downright balmy. Forties to mid fifties had been the norm, with a day or two sneaking into the sixties. This provided a good opportunity for me to get in a few miles on the bike. Not only did I get to ride

Another thing I do when it's cold outside is tear down my bikes and repair or replace worn and damaged items. Working on the bikes reminds me that spring is just around the corner. I also try to pick a pet project to work on each winter. This year, it's an early 80's Bianchi road bike with full Campy Record components. By April, the bike will be completely cleaned, rebuilt and ready for a second chance at life.

some, but I noticed many others enjoying themselves cycling. Now that the temperatures have dipped into the teens, it's time to do some indoor activities.

There are several things I do in the winter season. Like most of us, I like to dream. I read bicycling magazines to find out what new and improved toys are available. It never fails that I find a new frameset or other toy that I just have to have. I also can't wait to get IPMBA's winter newsletter, which contains our annual product guide. While most magazines contain information about all types of cycling equipment, many of these don't interest me. But the IPMBA product reviews have information about items that pertain to almost every public safety cyclist. Whether you're looking for bikes, clothing, sunglasses, or accessories, for on-duty or personal use, you can find it here. I hope you enjoy reading these reviews as much as the writers enjoyed researching and using the products!

Whether you're looking for bikes, clothing, sunglasses, or accessories, for on-duty or personal use, you can find it

I look forward to seeing many of you at this year's IPMBA Conference, which will be held in Baton Rouge, Louisiana, and hosted by East Baton Rouge EMS. Until then, get working on your project.

Jim Powell
Jim Powell

You won't have to ride the stairs of the Old State Capitol Rotunda ...

... or practice maneuvers at the Alligator Bayou

**... but you will have to come on down to the 17th Annual IPMBA Conference
Baton Rouge, Louisiana
~ April 14 - 21, 2007 ~**

ipmba news

Newsletter of the
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The International Police Mountain Bike Association is a non-profit educational organization providing resources, networking opportunities, and training for public safety bicyclists.

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5th Annual Product Guide

Welcome to the fifth anniversary edition of the IPMBA Product Guide! Most of the companies featured in the 2007 IPMBA Product Guide participate in the IPMBA Product Purchase Program. Industry Liaison Ron Burkitt has made a commitment to raising awareness among IPMBA members as to the wide array of products available to IPMBA members through this members-only discount program. Please be sure to take advantage of the generosity of these companies and show your appreciation for their support of IPMBA and public safety cycling. If you like to “see before you buy”, visit the Product Purchase Program Showcase & Silent Auction during the 17th Annual IPMBA Conference, April 14-21, 2007, in Baton Rouge, Louisiana! *Pages 5-20.*

Power Grips Strap Set

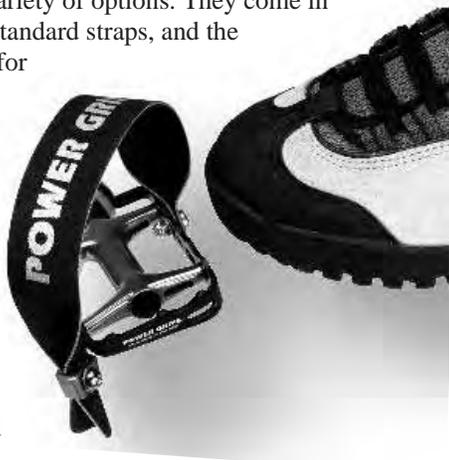
by Craig Wainman, PCI # 258
Freeport (IL) Police Department



I have to be thankful for the winter weather in Northwestern Illinois, particularly for it's penchant for quick change. The conditions were not conducive for bike riding when my Power Grips arrived (temps. in the low 30s, high winds, and freezing rain), but in two days time we were “suffering” through sunshine and temperatures in the low 60s.

Power Grips, a product from *Mountain Racing Products*, are advertised as “clipless power without the catch” and “...the simple easy way to increase your pedal power, without the locked-in feel of clipless pedals and straps.” Being a clipless pedal (Time mountain bike pedals) rider for the last 10 years, I was skeptical of their claims. How could any pedal system hope to compare with my Time pedals? But, for the sake of fairness, I decided to give them a chance.

The straps were easy to install on an old pair of pedals. The directions were complete and clear, and the installation, from start to finish, took only 20 minutes. The Power Grip straps are offered in a variety of options. They come in two lengths, the standard straps, and the extra long straps for shoes size 12 or larger. The straps I tested were the standard length. I used a pair of size 11.5 cycling shoes, and the straps had to be adjusted to the very end. I would suggest the extra long straps for anyone wearing anything larger than a size 11. This would allow for more shoe (or boot for winter riding) options. Standard straps are available with *POLICE* on the strap instead of the *Power Grips* logo. Power Grips are also offered in a Sport Pedal Kit and a High Performance



(Continued on page 6)

AllTuff Bike Medic Bag

by John Washington, PCI #461T, EMSCI #037T
University of Pennsylvania (PA) Police Department



There are numerous manufacturers of bike bags and panniers used by EMS cyclists to carry their medical equipment, including Jandd, Iron Duck, Arkel-OD and R & B Fabrications, all of which have been tried by this writer. One of the newer entries into the field, and one certainly worth considering, is the AllTuff Bike Medic Bag made in Fort Wayne, IN.

I had the opportunity to evaluate this product in the months prior to the 2006 IPMBA Conference when putting a student-based EMS response unit into service at the University of Pennsylvania. I contacted a staff member at AllTuff who was extremely helpful and I was able to obtain a sample of the bag. I am certainly glad I did. It was impressive enough that I purchased four sets for the student EMT staff to use while responding to medical emergencies on the campus.

It was obvious that careful thought went into the design and layout of the bag so that it would properly serve the end users. Paramedic Andrew Mowery of the Three Rivers Ambulance Service in Fort Wayne provided much of the technical advice to help AllTuff determine their specifications. Like most of the bags on the market, the AllTuff is made of heavy duty 1000 denier Cordura nylon for strength and wear resistance. But it is the other features that make the bag stand out.

There is a large top compartment that can accommodate various size AEDs and either an M-6 or C size oxygen cylinder and support equipment such as spare electrodes, OA devices, intubation equipment or other gear. The Velcro divider is easily adjusted and the clear plastic internal covering makes for quick ID of the equipment. The AED and O2 cylinder are positioned in the top bag to center the load and distribute the weight over the rear wheel instead of having them in a side pannier where the strut of the rack system would need to bear the weight. This top bag is somewhat larger than some of the other bags on the market, so



(Continued on page 6)

Product Review

Power Grips Strap Set

(Continued from page 5)

Pedal Kit. In both these, the straps come attached to a pair of quality, metal cage pedals.

I expected to spend a lot of my time getting used to the straps, and maybe even taking a fall or two. However, the exit from the pedals is started exactly in the same motion as the exit from my Time pedals. I just twisted my heel to the outside, which loosened the strap, and then pulled my foot straight back. The entry was a little trickier. You have to slide the toe of your shoe into the strap, until the ball of your foot is on the pedal. You then rotate your heel towards the bike, which tightens the strap's grip. You can adjust the tension by rotating your foot in or out. In comparing the entry to other pedal systems, I would have to say

the Power Grips are slightly harder to learn than toe clips (cages) and clipless pedal systems, but could be just as fast with practice. They are far more secure than toe clips unless you tighten the straps on the cages, which of course I don't recommend. The Power Straps allow for use of any type of shoes or boots, and no special pedals are required.

When discussing equipment selection in the Police Cyclist course, I used to recommend the mini toe clips (strapless) to riders that did not want, or were not allowed by their department's rules, to use clipless pedals. Now I will be recommending the Power Straps. They are more secure than toe clips, and with practice, just as easy to use. Even if clipless systems were allowed, the Power Grips are certainly cheaper, and allow the use of a much wider variety of footwear

options. The Power Straps are \$22.95 with a 10% discount for IPMBA members.

Overall, I was impressed with the product. The straps are well made, and look very durable. They were easy to install with just a phillips screwdriver and an 8mm wrench. They were easier to use than I expected, and are much more secure than toe cages. I did a wide variety of town riding with the Power Straps, including a lot of stop-and-go riding and hills, and never fell or felt my grip on the pedals was not secure.

You can view the entire line of Mountain Racing Products at mrpbike.com.

Craig has been with the Freeport Police Department for 13 years. He was a full time member of their bike patrol for eight years, and has been a PCI for 10 years. He can be reached at twowheelcop@juno.com.



AllTuff Bike Medic Bag

(Continued from page 5)

getting used to performing a dismount and clearing the bag may take some time for those accustomed to a smaller bag.

There are two side panniers, each containing color-coded, pull-out pouches. This allows for the standardization of equipment from bike to bike. Both side panniers have tapered leading edges so that the rider's heels do not strike the bags during the pedal stroke motion. But even if it does, the leading edge of each bag is reinforced with extra overlaying vinyl material.

In addition to these pannier bags, there are two rear-facing compartments for smaller items such as IV bags, a roll-up rain gear

set, a multi-tool and spare inner tube, personal water bottle or other such equipment.

Each bag, that is, the top, two side panniers and two rear facing bags, are equipped with reflective striping for visibility. All of these compartments are padded to protect the equipment and are connected to one another with alligator clips for quick disconnect if the entire bike can not access a particular area or if the bags have to be carried separately. Each bag also has YKK zippers with lockable double pulls, a nice feature to consider for securing cardiac drugs and medications. The entire system connects to the rear rack with dual Velcro connections so that they do not bounce around and/or drape into the spokes of the wheel and become damaged. Note: the strut design of

any rear rack system needs to be considered when using side panniers.

Like the Ford Model T of yesteryear, the AllTuff bag is stocked in black only. However, if you would like another color, AllTuff's staff is more than willing to work with you – there might be a short production and delivery time delay but it can be produced. The AllTuff bike medic bag is well constructed and clearly designed for use in the field and should be considered when purchasing bike bags. It can be viewed at www.alltuff.com or by calling 877-866-0374.

John is the Bike Patrol Unit supervisor at the University of Pennsylvania. He is an IPMBA PCI, EMSCI, and Instructor-Trainer. He can be reached at johnfw@publicsafety.upenn.edu.



Like the Ford Model T of yesteryear, the AllTuff bag is stocked in black only.

Product Review



WTB Rocket Saddle and Moto Raptor MTB Tires

by David Millican
Denton (TX) Police Department



I was very excited when I learned of my opportunity to review a product or two from Wilderness Trail Bikes. WTB, which began in a small garage near the base of Mt. Tamalpais in California, has earned a prestigious reputation in the mountain bike industry. I immediately called Chris Schierholtz, IPMBA's contact, that same day. We selected the WTB Rocket saddle and the Moto Raptor MTB tires in 2.4". He was great to talk to and sent the products out right away.

WTB Rocket V SLT Saddle

Having owned two WTB saddles in the past, I had high expectations for this saddle and it never failed to meet those expectations. This saddle is suggested for road, cross country, downhill or free riding. With its titanium rails and narrow design it weighed in at a super-light 225 grams, only 15 grams heavier than WTB reports but considerably lighter than many of its counterparts. The narrow design also allows for easy control while using your legs when off the seat.

I slapped this baby on my bike and never gave it a second thought. It was well constructed and provided a good stable platform. This saddle came with a "love channel", comfort zone, and a padded contoured nose. The love channel is made of carbon fabric and, along with the comfort zone, is designed to provide perineal and soft tissue relief. The saddle also provides what WTB calls F.I.T.S., or flat ischial tuberosity support. This is very important for the seat bones. The shell is covered in premium leather, special lightweight DNA (rubber compound) padding, and

3M Scotchlite reflective material at the rear of the saddle for better visibility. The saddle is designed to provide support in the areas that it is needed, cushion in the areas it is needed and smooth surfaces to help eliminate chafing.

This saddle is unquestionably the best saddle in their line. It's a higher end saddle, just over a hundred dollars but is well worth the price, especially if you have ever suffered from saddle sores. Bottom line – the WTB Rocket SLT is a high end saddle that is easy on your bottom end.

MOTO RAPTOR Race MTB 2.4" Tires

Moto Raptor Race tires (55/60) 2.4 inches have a lightweight casing, DNA rubber compound and a folding bead. This is a big tire with a large air volume. While this is not a fast-running or lightweight tire, its uses far exceed the uses of a normal 2-inch tire. WTB designed this tire for trail and free riding.

The large volume of air enables you to run the tires with low air pressure. The suggested air pressure for the tire is 35-55 psi. Anyone weighing 200 lbs could run these at the minimum recommended psi without fear of pinch flats. This is beneficial if you desire the characteristics of tubeless tires without having to convert. The tread is adaptable to many types of terrain. It has a low profile tread spread out with an open pattern, providing large contact surface with the ground.

Its apparent weaknesses were exactly what makes these tires perform well. WTB reports the weight as 840 grams each and the ones I received weighed in at 850 grams each. This is not a fast rolling tire, but it allows for large contact surface with the terrain. If your wheel is not centered perfectly over your hub, the spokes may flex just enough for the large 2.4" tire to rub the side of your shock brace. This was no fault of the product; rather, my equipment.

I found 40 psi to be ideal for my riding conditions. This tire pressure provided a large contact surface for stable traction.

The Moto Raptor tire worked well on loose damp soil and trails covered in fall leaves. Its strengths were rolling over large rocks and the climbing ability was second to none. This is an all around FAT TIRE that was made for the Rocky Mountains. I can't wait till my next trip to Colorado.

WTB participates in the IPMBA Product Purchase Program.

For more information, visit www.wtb.com or email Chris at cschierholtz@wtb.com.

David Millican has been with the Denton Police Department for seven years. He's been a member of the bike team and an IPMBA member for three years. He has served as an FTO and is certified as a TCLEOSE instructor. He can be reached at david.millican@cityofdenton.com.



Product Review

Protect your Bike with Bonk

by Jeff Eversoll, PCI #494
Bowling Green (KY) Police Department



BIKE STUFF

Talk about irony. When Ron Burkitt called to ask me to review a product, I was none too sure of my ability to complete the task. I had recently injured myself in a fall from my patrol bike and was working modified duty. Imagine my surprise (and sheepishness) when the product I received was a product designed to help protect a bike finish from damage, aptly named “Bonk”. Thankfully, I was given plenty of time to complete the review, and once I was cleared to return to regular duty, I went to work on testing Bonk.

What is Bonk? According to the manufacturer, *A Graphic Source*, it is basically an 8mm thick piece of plastic film which comes in various widths. It is similar to, and applied like, window tint.

Why do you need Bonk? Imagine that your department has just purchased several expensive bikes and is looking for a way to protect the finish. Applying Bonk over the frame helps protect (and increase the life of) the paint and decals, reducing the chance of chipping and flaking. The film also offers UV protection.

To test the claim that it is scratch-resistant, I applied Bonk to my bike, and then gave it a few licks with a light hex

wrench (not wanting to repeat the aforementioned experience of an accident, even a controlled one). The film did a good job of protecting the finish from nicks and scratches.

Recommended areas for application are the top and sides of the top tube, top and sides of the down tube, fronts of forks, head tube, seat tube, chain stays, and areas where cables rub the frame. It is not recommended for application over rough weld joints.

Applying Bonk over the frame helps protect (and increase the life of) the paint and decals, reducing the chance of chipping and flaking...

If the earlier comparison to window tint scares you, be not afraid. The do-it-yourself kit comes complete with film, spray (to help keep the film pliable during the application process), and a squeegee block. Very detailed instructions are included in the kit. Even better, for extra tips and tricks, excellent customer service is available (see contact information at the end of the review).

A Graphic Source also sent reflective safety strips and cable patches for testing. For those who work at night and want extra visibility, the reflective strips are

great. They come in various colors, so finding a color to blend with your bike – thus avoiding the zebra effect – is relatively easy. The silver strips reflect best, but all colors have distinct reflecting ability. The cable patches are a clear plastic film similar to Bonk, but are specifically designed to stick to the frame of the bike where cables may rub, marring the finish. Since this is an almost constant contact point, the patches are definitely beneficial.

Now for the most important question: price. The Bonk kit costs \$33.00, cable patches are \$5.00, and reflective safety strips are \$6.00. Bonk is also sold in rolls, in differing widths, which is useful for multiple bikes or larger bikes and surfaces. *A Graphic Source* also offers 14mm thick chainstay shields.

When I spoke with customer service, they informed me that they can also do custom graphics (a new product called “Mark your Stuff” is launching soon – see website for details). I found that *A Graphic Source* not only offers helpful personal customer service, but their website, where I obtained pricing information and photos, is also useful. To contact them, visit www.bonkprotection.com, e-mail info@bonkprotection.com, or go the old-fashioned route and call (480) 515-2898.

Jeff has been an IPMBA member since 1997 and an instructor since 2001. He can be reached at Jeff.Eversoll@bgky.org.

Ironman Cold Snap Gloves

by Michael Taylor
Country Club Plaza (KS) Security



GLOVES

I rode last night with them and they ROCK! It was about 45 degrees out and I was really surprised how warm they were as they are relatively thin. I thought they might not be enough because it was so cold, but they were actually so warm I think I could go out in 30 degree weather and be just fine. The fleece lining, gel palm and silicone dots are great features. I will be showing these bad boys off to all my bike guys here!

Michael Taylor is the Assistant Director of Security for the Country Club Plaza in Kansas City, Missouri. He has been an IPMBA member since 2002. He can be reached at michaeltaylor@chesleybrown.com.

Product Review



Crate Works Pro XLC Plastic Bike Box

by Robert Hatcher, PCI #629, EMSCI #103
Delaware (OH) Police Department
IPMBA Industry Relations Committee



BIKE STUFF

I recently had the opportunity to review the Crate Works Pro XLC Plastic Bike Box. This crate is designed to protect bicycles during shipping or while being transported on airplanes.

I received the box via Fed Ex within a couple days of ordering. When the box arrived it was broken down to about half the thickness of the assembled box, which is great for storing when it is not in use. I opened the carton and found all of the components as well as the easy-to-understand assembly instructions. Within five minutes I had the box ready to receive the first bike.

The next portion of the instructions walks you through the disassembly of your bicycle. They direct you to remove the pedals, seat post, wheels, wheel skewers, stem from the fork, and the front brake cable (only if the cable is too short).

I started off the test by tearing down a small-framed bike, a Fisher Mt. Tam. The bottom of the fork hit the front of the box and the rear derailleur hit the back. I was able to create a few more inches of space by removing the derailleur. At this point, the bike fit into the box perfectly. Next, I used the numerous hook and loop straps to secure the bike. After tying the frame down, the divider sat over the frame so the wheels could be laid on top. Once the wheels were strapped down, I put the top on and used the included "H" strap to secure the lid of the box. You can purchase an optional wheel caddy to make the box easier to maneuver.

Now came the fun part. Since I wasn't actually shipping the box, I was able to use my imagination to simulate how shippers or baggage handlers might abuse the box. I cartwheeled it end over end,

dropped it, and pushed it over several times. When I opened the box, I was pleasantly surprised to find the bike just as I had left it – I had been skeptical since the box is made from corrugated plastic and cardboard.

I also tested a smaller framed road bike (Burley Wolf Creek) and two of our department's police bikes. The Burley fit in the box without removing the derailleur, however, I tied the derailleur to the chain stay with a zip tie. I put a medium bike from our fleet in the box with ease. Up next was the "semi truck" of the fleet, a 21.5 inch Trek Police mountain bike. It was a really tight squeeze, but amazingly, it fit. I did have to remove the rear derailleur and spin the fork backwards. I could have removed the fork to create even more room had it been necessary.

Lt. Marc Zingarelli, the Bike Patrol Coordinator and EMSCI for the Circleville (OH) Fire Dept. owns the Pro XLC Plastic Bike Box. He is able to fit his XL framed touring bike or his 21.5" hybrid bike into the box; he turns the fork backwards and ties the rear derailleur to the frame with zip ties. He said that the box he shipped from Alaska arrived home with shards of wood from the trailer in which it was shipped embedded in the plastic box but the bike was not damaged.

Marc found there is enough room in the box for additional souvenirs/equipment, such as camping gear that was not allowed on the plane (camp stove and fuel canisters). He added that EMS personnel have enough room in the box for racks and fenders – they have to remove the racks from the bike, but they still fit nicely

after they are wrapped in bubble wrap. He also throws his pedal and allen wrenches into the pedal bag so he can rebuild his bike when it arrives at its destination. Once the box is sealed up, Marc tapes the straps down to keep them from getting caught on anything during shipping.

Crate Works is a small company with the bike boxes as their headline product. They offer two models, the Pro XLC

Plastic Box (\$169.00), which I tested, and the Pro 1 Cardboard Box (\$109.00).

According to the web site, the plastic box will last for years. The cardboard box is good for 5-10 uses. The optional wheel caddies come in two models, economy (plastic) and heavy duty (aluminum and larger wheels). The economy are \$35.00 and the heavy duty \$45.00. The boxes can be ordered on

line at www.crateworks.com or by calling 1-800-934-5214.

Overall, I liked the Crate Works box because it is more economical, lighter, and easier to store than traditional hard plastic cases. It was easy to load the bikes into the box, where they were held safe and secure. I trust my bike will not become damaged during my travels to the 2007 IPMBA Conference in Baton Rouge.

Robert Hatcher is the bike unit coordinator for the Delaware, OH PD. He is a PCI, EMSCI, League Cycling Instructor, and enjoys road and mountain biking. He can be reached at rhatcher@delawareohio.net or (740)368-1615 ext. 4.



Product Review

Book Review:

Mastering Mountain Bike Skills: Techniques to Excel in All Riding Styles

By Brian Lopes, Lee McCormack

by Mitch Trujillo, PCI #244T
Boulder PD (CO)
IPMBA Board – Membership Coordinator

“I ride my bike to ride my bike.” Zen proverb



Funny how the more you ride your bike the less you really know. If you ask the incredibly talented bike handler how they managed to pull off a spectacular move, they might likely respond with a shrug and say, “I don’t know. I just

did it.” Execution of the skill is often easier than explaining it.

That’s a situation that master-bike handlers Brian Lopes and Lee McCormack faced when writing *Mastering Mountain Bike Skills*. Their 196-page book is becoming widely recognized as the technical manual for the disciplines of sport mountain biking: cross-country, downhill, mountain cross, freeride, dirt jump and urban riding. The main topics in the book include: bike selection and set up, balance, positioning, pedaling, pumping terrain for speed, braking, cornering, wheelies and hops, drops, jumping, speed, lines, and racing.

The text affords the IPMBA cyclist a great deal of resource material. There are enough maneuvers dissected, explained and displayed in such a way that riders from novice to advanced will all benefit. The skills are directed to riding off road, but are easily adapted to the street. Here are some valuable features I found in the book:

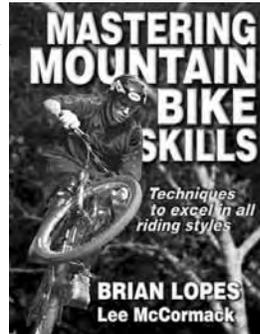
- Progressive skills, from fundamental to the most advanced, are broken down and paired with full-color visuals and photo sequences to increase reader recognition;
- Large type that is easy to read, with interpretive advice and experiences in entertaining and informal bike lingo;
- A balanced, functional, and well designed format.

There were only a few items that I felt were lacking:

- Coverage of crash avoidance and injury prevention techniques (exits, tumbling techniques and falling drills) that are vital when testing limits;
- Emphasis of the importance of environmentally responsible riding.

I contacted and interviewed author Lee McCormack by phone and we discussed the merits of the book. He was appreciative of the feedback. Some of the missing information I noted was omitted at first publication because of document size restrictions. He added that the topics might find their way into a companion DVD or the next publishing. I’ll be anxiously waiting.

In the meantime, masters Lopes and McCormack are offering *Mastering Mountain Bike Skills* as an effective tool in elevating rider skill. The tandem has successfully designed a text for defining bike maneuvers, and put together a practical resource for public safety cyclist and instructor alike.



It’s even possible the material might make riders capable of explaining how they perform their moves.

Cost: \$22.95 (US), \$28.95 (Canada)

Contact: Order at www.imba.org or Human Kinetics Publishers at www.humankinetics.com

Mitch is an IPMBA Instructor Trainer, serves as Membership Coordinator on your IPMBA Board, and has a penchant for singlespeeds. He can be reached at trujillom@bouldercolorado.gov.

To Tingle or Not

by Stephen M. Prescott
San Antonio (TX) Police Department



Almost every rider feels a tingling sensation in his or her hands, feet, and groin area. Is this normal? Some say “yes, since most riders feel it, it must be normal.” But

SEATS

do you feel that same tingle or numbness when you walk, run, or sit? No, you don’t, so which is normal?

I have been a police officer for 15 years and have been on bike patrol for six years. It is the greatest job in law enforcement. I, too, thought the tingle was normal. Go on a long ride, your hands and feet go numb. You get a tingling in your groin area but not in a good way. Normal, right? While pedaling after someone, you stand to get that burst of speed and you get a pain in your legs as you come up. Normal, right? Wrong.

Three years ago, the National Institute for Occupational Safety & Health (NIOSH), came to our department to do a study on the use of noseless, or hornless, saddles. It was at that time that I realized the tingle was *not* normal. Dr. Steven Schrader brought with him several different noseless saddles as well as electrodes and testing devices. I participated in the study and tried several of the noseless saddles. I chose the BiSaddle by Bicycle, Inc. (www.bicycleinc.com) To me, this was the most comfortable option, and it still looked somewhat like a traditional saddle, but without the nose.

I have taken my work bike and personal bike, both outfitted with the

(Continued on page 13)

Product Review



MAXXIS CrossMark Tires: Get a Grip!

by Brad Miller, PCI# 928
Lewisburg PD (PA)
IPMBA Industry Relations Committee



TIRES

When IPMBA Industry Liaison Ron Burkitt recently asked me to test some tires for Maxxis, I thought, how much of a difference do tires really make? So I got in contact with Ben Burgess at Maxxis Tires and we discussed what tire would be most appropriate for public safety bikes. We agreed on the Maxxis CrossMark as they are designed for cross-country racing. Ben sent a set of the CrossMarks and I quickly swapped out my tires and began to explore what makes these tires so special.

It didn't take very long for me to realize that my previous notion that tires don't make much of a difference was false. The first thing that stood out on these tires is the tread pattern. Most of us ride with tires that are perfectly smooth in the center. Our bikes require reduced rolling resistance for speed. The smooth tires also reduce noise and provide more contact with the pavement for safety. The tread pattern on the CrossMark is not smooth, which might make one steer clear of this tire. But look again!

Although the tread pattern is not smooth, the center ridges provide a continuous pattern, which in fact is almost smooth. These tires were quiet and stuck like glue to the pavement. I ran my bike through the basic police cone courses and found that these tires actually made many, if not all, of the technical maneuvers much easier. It actually felt as if my bike was fastened to a track. I had minimal rolling resistance, but the tires stuck to the pavement.

I decided to see what these tires would do in adverse conditions. You cannot control where you might have to go. We are not always going to be on the pavement. So off the pavement and onto the grass I went.

Because the tires are not flat and smooth (there are ridges which are spaced to create a seemingly smooth surface), the ridges dug in and provided effortless pedaling. In fact, I couldn't make these tires spin out. I rode across the grass as if I was still on pavement. But what about those who work in areas with even more varied riding conditions?

I found a park in my area that has a mulch walking trail. I had a particular grudge against this trail because it has a switchback that handed me a piece of humble pie a few months ago. While riding with my old tires on this loose mulch, I dumped my bike while attempting to maneuver through the switchback. So I headed for this particular area and expected to find myself once again picking mulch off my uniform. As I turned onto the switchback, I almost fell off my bike. No fault of the tires, mind you. I was in shock because the CrossMarks didn't spin at all! The tires dug in and I pedaled through the switchback as if I was going straight on pavement. Now I'm really beginning to be impressed and looking to find something that these tires cannot conquer.

Next, I found an outdoor volleyball court. What are they made of? SAND!!! I know, you shouldn't ride through sand. Rule #1 of obstacle avoidance is to stay away from things that could cause you to lose control. Sand is one of these things. But I just couldn't help myself; I had to see what these flytraps on my rims would do in the sand. I headed into the volleyball pit and braced myself for the spin out. Once again, the CrossMarks dug in. That's right, I rode right through this sand pit and never spun a tire! I was in awe and still determined to prove that these tires could not possibly handle everything. After several passes straight through the sand with no spinning, I decided to bump this test up a notch by making a 90-degree turn in the middle of the sand. Once again, I couldn't believe the results. I made the turn with only about a teaspoon of sand

being spun out from the tires. I pedaled out of the volleyball court looking for yet another obstacle.

One night a misting rain left water-covered challenges for me. The tires were still stuck to the pavement. When I spotted a very steep grassy hill, I smiled as I thought, "these tires can't possibly get me up that." I rode up the grassy hill at a parallel angle in an attempt to get my bike to slide out from in under me. I was just asking to be punished for this, but instead, I was rewarded. Once again, the raised side knobs dug in and I never spun a wheel. A friend of mine who witnessed this asked, "Did you just ride up that wet hill??" As I nodded, he asked me to do it again. I hit it straight this time to see if the slightly spaced center ridges would grip...and they did.

The end result: I am now a believer that tires DO make a major difference in your ability to handle a bike in varying conditions. I am also a believer that the Maxxis CrossMark tires are one of the most appropriate tires for public safety cycling. The slightly spaced ridges on the top of the tire are quiet and smooth yet grab when things get loose. The raised knobs on the sides keep you in control when the going gets really tough. One tire, all conditions, what more can be said?

The Maxxis CrossMark is available through any Maxxis dealer with an MSRP of \$37 per tire, but are available at 50% off through the IPMBA PPP. Can you put a price tag on safely doing your job? I cannot recommend this tire enough. For more information on the CrossMark, go to www.maxxis.com.

Brad is an IPMBA PCI and has been a police cyclist since 2002. He is a life long cyclist and can be found riding trails in the Appalachian mountains in central Penn. He can be reached at ofcbrad@hotmail.com.



Product Review

Nightpro Slammer Police Light by Marwi

by Charlie Summers, PCI #512
 Illinois State University (IL) Police Department
 IPMBA Industry Relations Committee



LIGHTS

When I was approached by Marwi U.S.A. to test their new Nightpro “Slammer” police package, I was more than happy to test something other than the good old NiteRider patrol light.

As an avid fan of the NiteRider lighting systems holding the opinion they were the best option, I had used nothing else for personal or patrol use.

My eyes were opened immediately when “The Slammer” arrived. After ripping the product from its shipping box, I was very pleased to see “The Slammer” was encased in a very plush leather case and the light was very well organized inside. Every piece had its own cut out section and was wrapped in protective foam to protect from everyday tossing around. I was very impressed with the care Marwi put into taking care of their equipment.

Inside the case was an already charged battery, which made it easy to install the light on my bike and be ready to light up the night. The case came complete with a rapid charger and another impressive little gem – a car charger, which is something we pay a little extra for with other systems. The light itself is a 12W halogen light placed in the center. It is encased in CNC machined aluminum housing with one red LED light placed on left side and one blue LED light placed on the right side of the light. Both of the LED’s are encased with the same CNC machined aluminum housings as the halogen light. There are a total of nine LED lights in each one.

One of the nice features of the light system is all three lights can be adjusted without moving the entire reinforced resin

mounting bracket. This cannot be done with other lights such as my Niterider. These lights adjust up and down with a great range of motion, which allows you to adjust your lights for optimal use. The light also comes with two different remote operations – one for the center halogen and one for the LED’s.

Mounting of the light was very quick and easy because of the quick release handlebar mount. It even came equipped with a number of rubber strips to make it easy to mount to any size handle bar. After mounting the light, I was all set to test “The Slammer” out on the streets. I was very impressed in how the light lit up the pavement ahead of me. The light pattern was spread out nicely, but not enough to reduce its effectiveness. It wasn’t long before I had my first call of the night and decided to test the red and blue LED’s. I was very impressed with the brightness the flashing red and blues, which was my mode of choice. They can also be used in a steady mode. According to the manufacturer, the run time on “The Slammer” is about four hours. I personally only had the opportunity to test the light for its longevity on a three hour off-road night ride. It stayed bright during the entire ride.

The battery and the light have heavy duty cords with a strong positive click

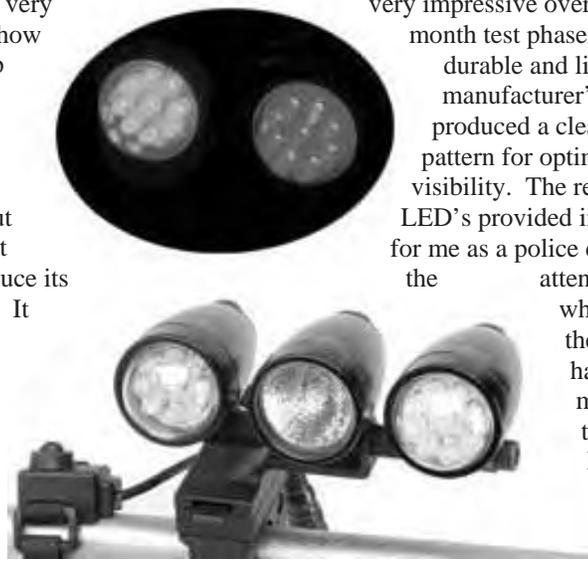
connection. The battery has a unique shape design. It is water bottle shaped with one side flattened out. I liked this feature for two reasons. First, the battery could be laid down while charging and not roll off the charging table or be knocked over. Second, it made it easier to place and keep in the water bottle cage. During many of my rides with the light, I experienced the battery falling out of my cage. This was very impressive with the number of stairs I try to encompass on our college campus during a tour of duty.

The Nightpro “Slammer” police light was very impressive over its several month test phase. The light was durable and lived up to the manufacturer’s claims. It produced a clean bright light pattern for optimum visibility. The red and blue LED’s provided instant recognition for me as a police cyclist and gained the attention of many

while I was using them. This system has proven to be more effective than my NiteRider patrol package, and I would recommend it to anyone seeking a new lighting system.

Marwi participates in the IPMBA Product Purchase Program. They can be reached at www.magurausa.com.

Charlie is the bike patrol coordinator for the Illinois State University Police Department. He is an IPMBA Instructor, a member of the IPMBA Industry Relations Committee, and an avid off-road rider. He can be reached at cesumme@ilstu.edu.



Product Review



Topeak MTX Trunk Bag with Quick Release Beam Rack and Dual Side Frame

by David Sturman
City of Delaware (OH) Police Department



BAGS

One of the things I pride myself on being a bike officer is the fact that I can handle almost any kind of call that my carbound cohorts can. This has largely been thanks to my idea of zip-tying a pannier to the left side of my bike just below my JANND bag. The pannier allowed me to add clipboards and forms to my ensemble, but it was awkward in general and sometimes unstable when negotiating stairs.

I'm happy to say that the above apparatus is now collecting dust in the department's bike patrol locker as I have been given the opportunity to experiment with Topeak's MTX Trunk Bag DX (\$87.97). This roomy hauler of gear works fluidly with the available Quick Release Rack (\$47.95) and optional Dual Side Frame (\$21.95) for the bag's built-in panniers. All three items were submitted for evaluation by Todson, Inc., located in Foxborough, Massachusetts.

I installed the quick release "QR" Beam Rack MTX V-Type with little effort and without tools. Unfortunately, the rack

could potentially be stolen with little effort and without tools as well. The rack attaches to the bike seat post with a quick release that stayed secure through all my test riding. The MTX Trunk Bag I tested slid easily onto and locked in place on this rack. Removal was the opposite. Once snapped in place, the bag stayed on the frame with no problems.

The rack comes equipped with two bungee straps and a rear reflector that was easily removed. While Topeak offers a variety of rear lights for the rack, there was enough space for me to rig my existing light to the frame.

The Dual Side Frame installed easily – four bolts are all it took to connect the Dual Side Frame to the rack and I was done. It did require a 4mm hex key for installation onto the rack, but any good bike bag has one in it anyway. The rack only accommodates twenty pounds of weight. This changed my style of descending down stairs a bit as I could not "sit" on my bag as I could with my prior frame.

The MTX Trunk Bag DX has a professional look and came equipped with

removable Velcro "POLICE" tabs. I also really liked the solid look of the bag's walls; it did not appear that they would collapse when empty as some cheaper bags do. The bag I tested had more space than my JANND bag and contained built-in panniers hidden in the side pockets. If you don't plan to use panniers all the time, get the Trunk Bag of your choice without panniers because they take up most of the room in the bag's side pockets when not in use. I really liked the pocket inserts under

the top layer of the bag that held extra hand cuffs, pens, police stickers and more. The bag also expands as most bags do and has a bonus water bottle holder in the rear. This could come in handy if you need to transport an open container

of beer for evidence!

For more information or to order these products, contact Chris Harvey of Todson, Inc., at (800) 213-4561 or email charvey@todson.com.

David Sturman has been with the city of Delaware, Ohio for six years and has been on the bike patrol for three years. He can be reached at dsturman@delawareohio.net.



To Tingle or Not to Tingle

(Continued from page 10)

BiSaddle, up and down stairs, up and over curbs, ascending and descending hills and on long rides. I have worked long hours on it. I have completed a few obstacle



courses without experiencing any balance issues. I have chased individuals on foot and in cars (I am starting to sound like a Dr. Seuss book...). For the last three

years, I have not had the tingle.

So the answer to the question is, "No, the tingle is not normal." There are loads of papers out there that explain the causes of the tingle – cutting off the blood flow to a main vein or pinching a nerve – and the sometimes resulting sexual dysfunction. They are all in technical terms but what I have experienced speaks louder than papers that I don't understand. The bottom line is that since I started riding with the noseless BiSaddle, I have not had the tingle.

There are many noseless saddles out there. Find the one that's right for you. The one that's right for me is the BiSaddle by

Bycycle Inc. Bycycle is a member of the IPMBA PPP; try the noseless saddle for a week or two and make up your own mind.

The choice is yours: **Tingle or No Tingle – Be Numb or Have Feeling.**

Note from the Manufacturer: Bycycle Inc. has worked with Stephen Prescott and the SAPD bike police over the past year to develop a new foam outer surface material. Of the 48 bike patrol officers, 38 use an alternative saddle design. Of these 38, 26 (including one of three female officers) use the BiSaddle.

Stephen Prescott has been a San Antonio Police Officer for more than 15 years, including six on the Downtown Bike Patrol. He can be reached at

Product Review

Apocalypse Now

by Marc Sweeney
Denton (TX) Police Department



SHORTS

When the cold weather goes and summer is again upon us, we will strip off our heavy coats and pants in favor of more comfortable shirts and shorts. I was very thrilled when I was asked by IPMBA to test the new

ZOIC™ Apocalypse Short. Upon receiving the shorts, I immediately had to try them on. The first thing that I noticed was how comfortable they were. The shorts appeared to be built well and overall had a great fit to them.

After admiring myself in the mirror for a few minutes, I removed the shorts and inspected them thoroughly. The shorts are very slim fitting. The four-way stretch nylon fabric seems to make the short very comfortable and easy to move around in. ZOIC™ shorts come with the Italian-made Cytech Stretch Elastic cycle pad. The molded chamois pad is seamless, and is designed to stretch and conform to your every move. These are the first shorts I have worn with a built-in chamois. The integrated knit paneling spans from both sides all the way around to the rear of the short, which offers maximum ventilation and airflow. The front of the shorts includes two zippered vents for added ventilation. Now, we all know that



pockets are very important to bike officers and it seems like we never have enough. Well, ZOIC™ Apocalypse shorts come with four pockets. There are two front cargo zippered pockets and two rear zippered pockets. I was truly impressed, since I prefer zippered pockets rather than Velcro. The pockets seemed to be of good size to hold my items while on patrol or just riding a good trail.

I took the shorts to work and showed them off to a couple of the other officers, and everyone wanted to try the short for themselves. But after all the inspecting and admiring myself in the short came the ultimate test: I had to get out and do some hard riding in them. After some good patrol work, and a few trails, I realized that I could have used a pair of these shorts a while back. The shorts are so comfortable, and they hold up extremely well. Any experienced cyclist knows that the built-in pad can provide padding, but is mostly used to absorb moisture that causes chafing and saddle sores. I have experienced both predicaments and know how painful they are. I have worn many other shorts before, but still came up hurting after a good ride. The ZOIC™ Apocalypse short felt different and I did not have any of the above mentioned problems during, or after, my rides while wearing them.

I also enjoyed the more than adequate ventilation system on this short. When it got hot, the shorts brought in the airflow. Another feature that impressed me was the belt loops. I have had other riding shorts and pants in which the belt loops broke easily. The Apocalypse shorts have strong stitching to prevent that occurrence. The only small problem that I had was with the zipper on one of the pockets; it seemed to stick a little after some good rides and the washing machine.

After giving these shorts a good test for close to a month, I was honestly impressed with the overall product. The shorts did their job, and they did it well. Alyssa Slamal from ZOIC™ told me that the Apocalypse short wears like a regular short, but

functions like a technical riding piece. She was absolutely correct, and has earned a new customer. She also informed me that ZOIC™ was willing and able to make any necessary adjustments that IPMBA members may need done to the short, such as pockets or logos. ZOIC™ is intent on making these shorts not just a need, but a want for all. I believe they have created a product that will fit our needs, is of good quality, and is affordable. Try these out, you will enjoy them!



ZOIC™ Apocalypse shorts can be purchased through the ZOIC website. The shorts are listed at \$75.00 online. ZOIC™ offers IPMBA members a 30% discount off retail price, which would bring the cost at \$52.50. Visit the website at www.zoic.com, call 866-355-9642 or email Alyssa Slamal at Alyssa@zoic.com.

Marc has been an IPMBA member since 2003 and with bike patrol since 2001. He is a former BMX racer and a recreational mountain bike rider. He can be reached at marc.sweeney@cityofdenton.com.

Product Review

Bratwear Powerdry Tee Shirt



by Andy DeBerry, IPMBA PCI#667/EMSCI#119
Denton (TX) Police Department



SHIRTS

When asked to review a warm weather tee shirt, I was very excited to find something new, something a little more comfortable and less expensive than the “major brands” that tap into the financial budget of a patrol officer – the Bratwear Powerdry tee shirt.

Texas summers can be brutal. In July and August, the temperatures climb over the one hundred degree mark, up to one hundred and ten degrees and with high humidity. These weather factors combined can make for a very long and miserable twelve hours on the bike. The heat and sweat that fester under my duty vest is a recipe for dehydration and heat exhaustion. Re-hydration and the ability to stay cool and comfortable are my main concern. I want an undershirt that forms a breathable layer between my skin and my vest, one that has moisture-wicking ability.

I wear two brands of undershirts: the Bratwear Powerdry and Under Armour. The Under Armour shirts are a little more comfortable to me than the Bratwear Powerdry; they fit tighter and seem to be a thinner material, but I can feel my

vest sliding up and down over my chest as I pedal, which does not happen with

the Bratwear

Powerdry. When I wear the Under Armour, it feels like I am wearing less clothing, and I get a feeling of

coolness. It is long enough that it does not come un-tucked or bind up around my waist. However, the sweat under my shirt rolls down from my chest and settles around my waist where all the clothing meets, and at the end of the day everything is soaked, even my gun belt. I have a very uncomfortable irritation around my waist from the clothing that has absorbed the moisture throughout the day. In addition, the Under Armour shirt is not very durable; the shirts I wore this summer are about to disintegrate. The areas where my vest rubbed on the shirt are so thin you can see through them, and the side seams are torn. With Under Armour being a popular brand, it is pretty pricey, and I will not spend that kind of money on a product that will not hold up for two Texas summers.

The Bratwear Powerdry shirt is not as thin as the Under Armour. The Powerdry seems to “wick” the moisture away from my body; I don’t have the problem with the irritation around my waist, the sweat pouring down my chest, and the soaked uniform at the end of the day that I experience with the Under Armour. There seems to be a barrier between the inside of the shirt and the outside that takes care of this problem. The inside of the Powerdry is smooth like the Under Armour, which is a comfortable improvement from the other undershirts that I had from Bratwear several years ago. The Bratwear Powerdry is durable, there is little evidence of wear on the shirt from contact areas with the vest. The Powerdry does not fit as tight as the Under Armour but is cut to your measurements and if you get it right, the shirt is comfortable. I would like the shirt to be a little longer so it does not come untucked or bind up around my waist, but this is a personal preference.

Overall, I like the Bratwear Powerdry. Again, it is durable, and my body moisture does not “pool” around my

waist. The Bratwear Powerdry is comfortable and cool enough in extreme temperatures and is very nice in temperatures around the eighties to mid-nineties. In addition, the shirt is custom-made, the cost is lower than the popular brand, and it is bike specific.

I wear the Powerdry “off duty” when riding, and since the shirt is not a tight fit on me, I’m very comfortable. I’m not one for fads; heck, I still wear a pair of sunglasses I purchased at the 2001 IPMBA Conference in Cincinnati. I like a product that is sensible, durable and not hard on the wallet.

There is a lot to be said for customer service as well. I know I can call or email Sally if I need something or have a specific problem and she will be extremely helpful and friendly. I have had the Bratwear Powerdry for awhile and evidently there is nothing out there better. This review for me was a “no brainer” The Bratwear Powerdry in my opinion is the way to go.

Bratwear participates in the IPMBA Product Purchase Program and can be reached at www.bratwear.com.

Andy DeBerry is a Bike Patrol Officer with the Denton Police Department in Denton, Texas. Andy has thirteen years on the job and has been on bikes for six years. Andy is an IPMBA PCI and EMSCI. He can be reached at Andrew.DeBerry@cityofdenton.com.



Show Reports

What Happens in Vegas Stays in Vegas

Report from Interbike

by Ron Burkitt, PCI #488
 Hilliard (OH) Police Department
 IPMBA Industry Liaison

That's the motto for the city that hosted the 2006 Interbike Trade Show. Fortunately, for the members of IPMBA, what happened at Interbike this year will not stay in Vegas. If you have never had the pleasure of attending the largest bicycle trade show in North America, let me set the stage for you. The show is held in the convention center at the Venetian Hotel and Casino. The Venetian has an indoor canal, complete with gondola rides, running along a shopping area that gives every appearance of being outdoors. The convention center is no less impressive, not so much for its grand accompaniments, but for its grand size. I believe the World Series, Super Bowl, NBA Championship, Stanley Cup, and a stage of the Tour de France could occur simultaneously in the room.



Interbike courtesy Cycling News

As I walked into the show for the first time, I was awestruck by how many vendors were in one room. Once that wore off, and I regained control of my jaw, I was taken aback by the extreme design of the vendor booths. Luckily, I had talked with a few people who had experienced Interbike before, or else I may have never recovered! I had also teamed up with a friend from IPMBA who had been to the show in previous years and was able to assist me. The first item on the agenda was to walk the floor. Using the map – and you definitely need a map – we walked the floor just looking at the products and getting the lay of the land. I made note of the location of vendors and products

that I wanted to contact for various reasons. Once we finished walking the floor, I checked the time and was shocked to find the day was over; it was six o'clock. Any plans to schmooze would have to wait until tomorrow.

As the sun came up on day two, we headed back to the show. The plan was to spend the last two days talking with vendors, looking at products, opening lines of communication, and building on existing relationships. I talked with every vendor at the show who currently supports IPMBA programs, including Cycle Source Group, Kuji Helmets, Ironman Gloves, Pro Gold, Fuji, Maxxis Tires, Endura, Oakley, WTB, Brave Soldier, Swagman, Kryptonite, Terry Precision Cycling and Zoic. I talked with vendors from Park Tools, Pedro's, and others to get IPMBA in their vocabulary.

As the sun went down on day three, I left Interbike with many contacts and some interesting products. There was everything from "Bonk" paint protection film to Zoic cycling shorts, from a locking seatpost to new tire designs. Keep an eye out as we bring you product reviews from some of the items introduced at the show throughout the year. As for all the things we did after Interbike closed its doors each night, well, you know what they say: "What happens in Vegas stays in Vegas."

Ron is a school resource officer for the Hilliard (OH) Police Department. He is an avid cyclist and is currently serving as industry liaison on the IPMBA Board of Directors. He can be reached at ron_burkitt@hboe.org.

Thanks, Product Testers!

Special thanks to the members of IPMBA's team of product testers! This group has done an outstanding job of reviewing a wide variety of products. Many of the products reviewed are available to IPMBA members at a discount through the through the IPMBA Product Purchase Program. These testers worked hard to bring this information to you, but we suspect they may have had a bit of fun, too!

Ron Burkitt, Hilliard (OH) PD, Industry Liaison

Andy DeBerry, Denton (TX) PD

Jeff Eversoll, Bowling Green (KY) PD

Bob Hatcher, Delaware (OH) PD,
 Industry Relations Committee

Matt Langridge, Thames Valley (UK) PD

Brad Miller, Lewisburg (PA) PD,
 Industry Relations Committee

David Millican, Denton (TX) PD

Steve Prescott, San Antonio (TX) PD

David Sturman, Delaware (OH) PD

Charlie Summers,
 Illinois State University (IL) PD,
 Industry Relations Committee

Marc Sweeney, Denton (TX) PD

Michael Taylor, Country Club Plaza (MO) DPS

Mitch Trujillo, Boulder (CO) PD

Craig Wainman, Freeport (IL) PD

John F. Washington, Jr.,
 University of Pennsylvania (PA) PD

Show Reports



The 2006 International Cycle Show: London

by Matt Langridge, *PCI# 869*
Thames Valley Police (UK)

6th to 8th October saw the 2006 version of the annual Cycle Show, once again held at the ExCel Centre in Docklands, London. My crewmate Mark Jenkins and I were invited to attend again by Charlie Irvine of the Metropolitan Police. Who can resist the chance to gawp at shiny, expensive bikes and equipment and clothing? Not us, so we accepted the invite gladly.

The morning of Saturday 7th October saw us putting our bikes onto the train at High Wycombe and catching a ride to Marylebone, the main line station which is on the other side of London from our destination. On arrival, I asked, "Mark, you remember the way from last year, don't you?" to which he replied "Yeah, sort of. How hard can it be?" With my amazingly pathetic sense of direction and previous experience of Mark's good one, I decided to trust him, so we set off to cycle to ExCel. Eight o'clock on a Saturday morning is a good time to ride through London. Mark led us through Baker Street, home of the great Detective Sherlock Holmes, St. James Square and past the US Embassy, along Regent Street with its expensive shops, through Piccadilly Circus and Trafalgar Square, along the Embankment, passing that greatest of all prisons – the Tower of London, and on to Docklands. The journey took us 45 minutes with one stop as we both fancied that lifesaver of many a British police officer, a nice hot bacon sandwich; however, just as we were about to walk into the East End café we found, we observed that about 99% of the clientele already dining looked like they spent most of their 'free' time in the local cells so we decided to give it a miss!

Anyway, back to the matter at hand. Mark and I took a stroll round the show hall to get our bearings and locate the Emergency Services displays. Once again I found myself behaving like a kid in a sweet shop. I didn't know where to look first! The place was full of absolutely gorgeous

bikes, components and clothing. I made a few mental notes of where to return to once we had got set up. We soon located our stall and were met by a couple of familiar faces, including Mike Surgett with whom we qualified as instructors. A few minutes were spent catching up on what had happened since our last meeting and getting a quick brief on what the focus of the stand was. This year Mike had obtained some assistance from Abus locks who had loaned a large range of cable, chain and U locks to demonstrate cycle security. Cycle training was also a feature, with literature relating to the scheme being promoted in London. Before we knew it opening time was upon us and we were in business.

Apart from the chance to get a look at the latest kit, one of my favourite features of this type of event is the chance for the public to get a look at us and our kit and to speak with us about what we do and why we do it. Once again I was not disappointed by the response of the people who visited our stand. Throughout the day hundreds of people stopped by for advice, information and a general chat. Police officers the world over will understand that more than a few 'War Stories' were told as well, each and every one of them a firm indication of the effectiveness (and fun) of Cycle Patrol. Another plus point for me was that I also got the opportunity to meet a number of cyclists whom I only knew from their internet activity on a couple of cycling forums I visit. Once again this year, the stand attracted police officers from around the country looking for advice on getting cycle teams up and running. As you would expect, we mentioned IPMBA at every opportunity, promoting it as an ideal source for information, references and training.

As the day progressed, both Mark and I seized every odd chance to take a closer look at some of the displays. I put my hands up to being a "roadie" when not at work and was drawn to the Colnago display where ProTour racer Eric Zabel of team Milram's bike was on display. Other road dreams were shown by DeRosa, Scott, BMC, Cervelo and Enigma (formerly Omega). Enigma produce titanium-framed bikes and I have long been impressed by the weight/ strength ratio of this material. There are mountain



Mark Jenkins leads the way to the cycle show.

bikes also available in titanium. I would love to get my hands on a titanium framed police bike! An interesting development on the frame material front was shown by Johan Museeuw's distributor. Johan is a former Pro racer from Belgium. He has put his name to a range of composite framed bikes mixing carbon fibre with flax, a plant-based material. Apparently the combination of these two materials provides a lighter, stronger frame with a more comfortable ride.

On the component/ accessory side, Ultimate Sports Engineering (USE) was on site again. USE are manufacturers of a wide range of quality components and accessories and their website, www.use1.com, is well worth a visit. Part of their product range are Exposure lights

(Continued on page 18)

Show Reports

The 2006 International Cycle Show: London

(Continued from page 17)

(www.use1.com/exposure) some of which have previously been reviewed by Kevin Rogerson. These are LED based light sources which produce a good strong beam of light. They are a self contained unit with the rechargeable battery housed within the light body – no cables to get caught up when on single track, etc. A new addition to the family of lights is the Joystick, a small unit about four inches long by about ½ inch diameter. This comes supplied with a small mounting bracket which will fit into the vents on your helmet, providing a head torch. I am hoping to be able to trial some of the Exposure range at some time in the future.

On the clothing front, Nazran, a manufacturer originating in Pakistan, which also now has offices in the USA, were showing some of their range of products. These included shorts, gloves and a neoprene face mask which would be ideal for really cold conditions. I had a lengthy chat with their on-site representative, Mohammed Arshed and, as a result, I recently received a pair of fingerless gloves and a pair of full fingered, waterproof winter gloves to trial. These are their police specification gloves and early impressions are favourable. The fingerless gloves are a good, snug fit and the gel pads in the palms do the work required of them. The winter gloves have so far proved to be

very warm, in fact a little too warm for the mild winter we have experienced so far in this part of the UK. I can't wait for the real cold weather to set in so I can put these gloves through their paces. Once I've given the gloves a good few months of proper wear, I will submit a review.

There are two things as a cyclist that I hate to hear. The first is a motorist saying "Sorry, mate, I didn't see you" as I pick myself up from a crash. The second is that horrible hissing sound of air escaping from a punctured tyre. Repairing a puncture is a pain at the best of times, and one of the worst parts is reinflating the tyre. Some folk like to use CO₂ cartridges but, for those of us who don't use them, a good pump is a must. The Cyclaire pump (www.cyclaire.com) is a small unit complete with pressure gauge which acts like a track pump but packs like a mini pump. The main pump sits on the floor and is held down by your foot. The pump action is produced by pulling on a handle attached to a cord. In effect you pump whilst standing upright. It requires a lot less effort than a traditional hand pump and is capable of pressures up to 120 psi/ 8 bar.

Finally, on the safety front was a new style of light from Ideneon. These lights use electroluminescent technology which is reported to be highly visible but non-dazzling. The lights come as a pair and are fitted on other side of the helmet, raising the light source to a position

where it is more visible to high vehicles such as trucks and buses. The light units are secure but detach in a crash so that, in the event of a helmet impact, the light does not cause neck injuring deflection. At the time of writing I could not access the website for the company (www.ideneon.com) but this could be my server preventing access. The

product can be seen by viewing this page, though: <http://www.cycleshow.co.uk/page.cfm?action=Exhib/ExhibID=00195>. This product could potentially have good casualty reduction benefits and may be of interest to road safety officers. The reported retail price of the light is £34-99.

For me, the highlight of the day was bumping into Eddy Merckx, the legendary Belgian and five times Tour de France, five times Giro d'Italia and one-time Vuelta a Espana winner (amongst other things). He was at the show as part of the promotion for the London depart of the 2007 Tour de France. I shook his hand and had a very brief chat with him. You don't often get the chance to meet one of the world's sporting greats and Eddy is up there with the best of them.

After a long, tiring, but thoroughly enjoyable day it was time to go, and Mark's route-finding skills again proved more than up to the task. Fifty minutes later, we were back at Marylebone and waiting for the train back to High Wycombe. Even then, we were approached by families who had been at the show and wanted another chance for a chat!

If ever you should find yourself in London at the time of the Cycle Show, I recommend taking the time to pay a visit. Just leave your credit card at home.

Oh, and by the way, Charlie, if you need help next year, you know where to find me.

Matt Langridge is an IPMBA Instructor and a member of the Thames Valley Police cycle patrol steering committee. He is a keen road cyclist and is committed to increasing the police use of cycle patrols in the UK. He can be reached at matt.langridge@thamesvalley.pnn.police.uk or matt.langridge@sky.com.

POLICEBIKESTORE.COM

DNR • EMS • Fire • Police • Military • Security

www.PoliceBikeStore.com

Bikes • Lights • Accessories

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Multiple Item Discounts Provided



info@policebikestore.com

Phone: 309-797-9028

Supplier Listing



A listing of companies which have shown their dedication to public safety cyclists through their active participation with and support of IPMBA.

A.C.S.A.S. Technology Corp.

Product: Helmet with Integrated Lights
Phone: 866-678-1714
Website: www.acsastech.com

ABS Sports

Product: Super Saddle
Phone: 609-371-1554
Website: www.abs-sports.com

Access Bicycle Patrol Supply

Product: Full line of bicycle patrol equipment and supplies
Phone: 602-278-5506
Website: www.accessbicyclepatrolsupply.com



Alerte Systems Int'l

Product: Lights & Sirens
Phone: 800-728-1536
Website: www.alertesystems.com

All Web Mail Order

Product: Electric Bikes
Phone: 570-992-9989 / 877-570-6963
Website: www.allwebscooters.com

ALLTUFF

Product: EMS Bags
Phone: 877-866-0374/260-471-5903
Website: www.alltuff.com



Andusa & Co.

Product: Montague Folding Bikes
Phone: ++(0)2082419826
Website: www.montaguebikes.co.uk

Bike World

Product: Bicycles, Parts, Accessories
Phone: 800-928-5558 / 210-828-5558
Website: www.bikeworld.com

Bratwear

Product: Uniforms
Phone: 253-517-4000
Website: www.bratwear.com

Brave Soldier

Product: Ointments & Crash Packs
Phone: 323-653-5538/888-711-BRAVE
Website: www.bravesoldier.com

BroForm.com Pro-Purchase Marketplace

Product: Outdoor -Bike-Action Sports Gear
Phone: 877-420-2766
Website: www.broform.com

BudBrake Int'l, LLC

Product: ABS System for Bicycles
Phone: 209-712-6980
Website: www.budbrake.com

Bushwhacker USA

Product: Trunk Bags
Phone: 801-829-6801/800-344-1256
Website: www.bushwhackerbags.com

Bicycle, Inc.

Product: Alternative Saddle
Phone: 877-397-2164/503-452-1361
Website: www.bycycleinc.com

Cane Creek Cycling Components

Product: Suspension Seatposts
Phone: 800-234-2725
Website: www.canecreek.com

Cascade Design

Product: Platypus Hydration Systems
Phone: 800-527-1527 / 206-676-1414
Website: www.cascadedesigns.com

Christini Technologies

Product: All Wheel Drive Mountain Bikes
Phone: 215-351-9895
Website: www.christini.com

Cycle Siren

Product: Light & Siren System
Phone: 714-628-8935/877-477-4736
Website: www.cyclesiren.com



Cycle Source Group

Product: Smith & Wesson Bicycles
Phone: 877-533-7245
Website: www.swbikes.com



Cycle-Force UK

Product: Smith & Wesson Bicycles, Mocean Uniforms, Patrol Cycle Shoes
Phone: ++44 (0) 1344 862550/
c: ++ 44 (0) 777 361 5910
Website: www.cycle-force.co.uk

Cyclops Bicycle & Tactical Operations

Product: Bicycle & Tactical Ops Equipment & Accessories
Phone: 843-259-8368

Danalco

Product: Sealskinz & Chillblocker Waterproof Socks & Gloves
Phone: 800-868-2629/905-628-0102
Website: www.danalco.com

David's Uniforms

Product: Bike Uniforms & Related Equipment
Phone: 800-878-7753

De Soto Sport

Product: Triathlon Clothing and Wet Suits
Phone: 858-453-6672/800-453-6673
Website: www.desotosport.com



Demand Technology, Ltd.

Product: Lightrider Cycle Light
Phone: (01252) 612661
Website: www.lightrider.co.uk

Desert Sun

Product: First Aid & EMS Supplies
Phone: 760-468-1800

Do Wrap Performance Headwear

Product: High-tech under helmet headbands and bandanas
Phone: 773-770-4200/800-359-2514
Website: www.dowrap.com;
www.sweatvac.com

Dynamic Bicycles

Product: Shaft-Driven Bicycle
Phone: 508-376-9552/800-935-9553
Website: www.dynamicbicycles.com

Electric Transportation Solutions

Product: TidalForce Electric Assist Mountain Bike
Phone: 914-844-4809/866-343-5551
Website: www.electricttransport.net

Elektrik Motion

Product: Electric Bike
Phone: 845-639-9046/866-372-6687
Website: www.elektrikmotion.com

ELHN Badge & Emblem Design

Product: Custom Police Badges, Emblems, Pins, Coins
Phone: 203-364-8644
Website: www.elhnbadge.com

EMS Magazine

Product: EMS Magazine
Phone: 800-224-4EMS
Website: www.emsresponder.com

Ergo, LLC

Product: Ergonomic Bike Seat
Phone: 425-333-6161
Website: www.thecomfortseat.com

EV Tech

Product: TidalForce Electric Assist Mountain Bike
Phone: 972-851-9990
Website: www.texaselectricbikes.com

Exposure/USE (Ultimate Sports Engineering)

Product: Exposure Lights, Various Accessories
Phone: ++ 1798 344477
Website: www.use1.com

Eye Safety Systems, Inc.

Product: Protective Eyewear
Phone: 208-726-4072
Website: www.essgoggles.com

Finish Line

Product: Bicycle Care Products
Phone: 631-666-7300
Website: www.finishlineusa.com

Foster Grant Sunglasses

Product: Ironman Sunglasses
Phone: 215-335-9218



Fuji America

Product: Bicycles, Parts and Accessories
Phone: 215-824-3854 x1111
Website: www.fujibikes.com

Gatorz Eyewear

Product: Billet Aluminum Eyewear
Phone: 800-767-4287
Website: www.gatorz.com

Gita Sporting Goods

Product: Giordana Apparel
Phone: 800-FON-GITA x 319
Website: www.gitabike.com

IMBA: International Mountain Bicycling Association

Product: Mountain Bike Advocacy
Phone: 888-442-IMBA/303-545-9011 x106
Website: www.imba.com

Iosso Products

Product: Lubes
Phone: 888-747-4332
Website: www.ioosso.com

JEMS Communications

Product: Journal of Emergency Medical Services
Phone: 800-266-5367/619-699-6267
Website: www.jems.com

John E. Reid & Assoc

Product: Street Crimes Seminar
Phone: 800-275-4915
Website: www.reid.com

Jones & Bartlett

Product: Publishers of Educational Materials
Phone: 800-832-0034
Website: www.jbpub.com

Kenda USA

Product: Tires, Tubes, & Accessories
Phone: 866-536-3287/614-866-9803 ext 204
Website: www.kendausa.com

Kryptonite

Product: Locks
Phone: 781-232-1958
Website: www.kryptonite.com

Kuji Sports Co. Ltd.

Product: Ironman Cycling Helmets
Phone: 479-254-0065
Website: www.ironmanhelmets.us

Lane Sunglasses Inc

Product: Protective Eyewear and Goggles
Phone: 800-542-7850
Website: www.lanesunglasses.com

(Continued on page 20)

Supplier Listing

Law Enforcement Product News

Product: Magazine
Phone: 800-291-3911
Website: www.cygnusb2b.com

Leonard Consulting Group

Product: S&W Patrol Bikes, Lightman Safety Strobes, Police Bike Accessories
Phone: 501-517-5338
Website: www.themaskedmerchant.com, www.4bike-police.com

Lift & Storage Systems, Inc.

Product: Automatic Bike Lift Storage Systems
Phone: 800-825-4777 / 651-777-1554
Website: www.liftstore.com

LightCycles

Product: Bicycle Parts & Accessories
Phone: (518) 420-4666

Lin Manufacturing

Product: Socks
Phone: 888-430-9888 x 109
Website: www.linmfg.com

LouKa Tactical Training LLC

Product: Firearms Training Video
Phone: 734-697-6342
Website: http://home.comcast.net/~kdvonk/LouKaLLC.html

Madison Bicycle Shop

Product: Complete Line of Bikes, Uniforms & Accessories
Phone: 973-377-6616
Website: www.madisonbicycleshop.com

Maklite

Product: Illuminated Safety Products
Phone: 800-888-5427 / 773-276-7500
Website: www.librasafety.com

Marwi USA, Inc.

Product: Lighting Systems
Phone: 800-448-3876
Website: www.marwiusa.com

Maxit Designs

Product: Performance Headwear
Phone: 800-556-2948
Website: www.maxit-inc.com, www.headgator.com

Maxxis Tires

Product: Tires & Tubes
Phone: 800-4MAXXIS / 678-407-6728
Website: www.maxxis.com

Michael's of Oregon

Product: Holsters, Belts, Accessories
Phone: 706-799-2703
Website: www.unclemikes.com

Mocean

Product: Technical Bike Patrol Uniforms
Phone: 949-646-1701/877-662-3680
Website: www.mocean.net



Montague Bikes

Product: Folding Bikes
Phone: 800-736-5348 x 23
Website: www.montagueusa.com

Mountain Racing Products

Product: Power Grips, Air Suspension, Pumps
Phone: 970-241-3518/800-999-8277
Website: www.mrbike.com

NuGo Nutrition

Product: Nutrition/Energy Bars
Phone: 412-781-4115
Website: www.nugonutrition.com

Olympic Uniforms/J. Marcel

Product: Uniforms
Phone: 206-722-1412
Website: www.olyuniforms.com

Openhouse Products

Product: Emergency Services Bags and other Products
Phone: +44 (0) 1422824777
Website: www.openhouseproducts.com

Paradigm Tactical Products

Product: Handworn Metal Detector -- the Frisker
Phone: 978-352-6633
Website: www.frisker.com

Patrol Bike Systems

Product: Bikes & Accessories
Phone: 800-208-2032/651-773-8763
Website: www.patrolbike.com

Patrol Cycle LLC

Product: Patrol Cycle Shoe
Phone: 800-208-2032 / 651-773-8763
Website: www.patrolcycle.com

Polar Design, Inc.

Product: Hydration backpacks & gel-cooled reservoirs
Phone: 208-426-9058 x201
Website: www.polarpak.com

Police Bike Store

Product: Complete line of police bikes & accessories
Phone: 309-797-9028
Website: www.policebikestore.com

Police Magazine

Product: Police Magazine
Phone: 310-533-2498
Website: www.polcemag.com

ProGold Lubricants

Product: Lubes
Phone: 800-421-5823
Website: www.progoldmfr.com

Promark Int'l Inc.

Product: LE Equipment
Phone: 800-645-4443/516-795-6543
Website: www.publicsafetytmall.com

Public Safety Logos

Product: Public Safety Logos
Phone: 281-251-0707/800-276-0706
Website: www.publicsafetylogos.com



R & B Fabrications, Inc.

Product: Panniers & Safety Vests
Phone: 419-594-2743/800-553-1911
Website: www.rbfab.com

Redman Training Gear

Product: Defensive Tactics Training Gear
Phone: 800-865-7840
Website: www.redmangear.com

Rubel BikeMaps

Product: Bicycling Street Smarts; Maps
Phone: 617-776-6567
Website: www.bikemaps.com

Rudy Project

Product: Helmets, Sunglasses
Phone: 888-860-7597/303-333-9191
Website: www.rudyprojectusa.com

Signal Measurement Co.

Product: GPS Mounts
Phone: 800-527-1079
Website: www.smc-amp.com

Spenco Ironman Cycling Gloves

Product: Ironman Cycling Gloves
Phone: 215-335-9218/c: 215-327-5206
Website: www.ironmancycling.com, www.mtbseries.com

Superior Gear

Product: Chain Stain Away Pant Protector
Phone: 807-476-0485/888-519-2250
Website: www.chainstainaway.com

Swagman

Product: Bicycle Racks
Phone: 800-469-7924
Website: www.swagman.net

Terry Precision Cycling

Product: Bikes & Accessories
Phone: 800-289-8379
Website: www.terrybicycles.com

The Cycle Team Limited

Product: Bicycle Service & Hand-Built Bikes
Phone: 07957 637915
Website: www.thecycleteam.com

The Respiratory Group

Product: Lightweight, refillable emergency O2
Phone: 314-659-4300 x 317;c: 314-973-0441
Website: www.respiratorygroup.com

Timex Watch Corporation

Product: Watches
Phone: 203-346-5302
Website: www.timex.com



Trek Bicycle Corporation

Product: Bicycles & Accessories
Phone: 920-478-2191 x 4911
Website: www.trekbike.com

United Bicycle Supply

Product: Bicycle Tools and Parts
Phone: 541-482-1750

United Uniform

Product: Bike Patrol Uniforms
Phone: 800-299-8281
Website: www.uumfg.com



Vision 2000 Leeds Ltd.

Product: Mobile Surveillance Systems for Push Bikes
Phone: 01132 370293
Website: www.v2k.co.uk



Volcanic Manufacturing

Product: Custom Police Bicycles
Phone: 360-943-8613
Website: www.volcanicbikes.com

WTB

Product: Bikes & Accessories
Phone: 415-389-5040
Website: www.wtb.com

Zeal Optics

Product: Sunglasses, Gloves, etc.
Phone: 888-454-9325, 435-259-6970
Website: www.zealoptics.com

Zensah

Product: Compression Garments
Phone: 877-614-5076
Website: www.zensah.com

Zoic Clothing

Product: Cycling Apparel
Phone: 866-355-9642
Website: www.zoic.com

Product Purchase Program



Welcome to the IPMBA Product Purchase Program! Since its humble beginnings in 1997 with just four members, the Product Purchase Program has grown to include nearly 80 fine companies, including several from beyond the U.S. borders.

These companies provide a wide variety of goods and services, but they share a commitment to IPMBA members. By taking advantage of these discounts, you can pay for your membership with just a few purchases! These listings have been abbreviated somewhat in order to accommodate more participants, however, the full listings can be found in the Industry & Resources section at www.ipmba.org.

ABS SPORTS

Product: Super Saddle
Regular Cost: \$99
Cost to Members: \$89
Contact Name: Van Zevenbergen
Phone: 609-371-1554/**Fax:** 609-371-1554
Website: www.abs-sports.com
Email: sales@abs-sports.com



ALERTE SYSTEMS INT'L

Product: "Trail-Blazer" Bike Light Kit
Regular Cost: Contact for Product List
Cost to Members: 10% off 1-10 units;
15% off 11-20 units

Contact Name: Jerry Watley
Phone: 800-728-1536/**Fax:** 800-635-1536
Website: www.alertesystems.com
Email: sales@alertesystems.com

ALL WEB MAIL ORDER

Product: Electric Police Bike
Regular Cost: \$2500 & \$1900
Cost to Members: \$1999 & \$1600
Contact Name: Robert Grippo
Phone: 877-570-6963/**Fax:** 570-504-8518
Website: www.allwebscooters.com
Email: gand@epix.net



ANDUSA & Co.

Product: Montague Paratrooper Folding Bike

Regular Cost: £550 + Delivery
Cost to Members: £475 + Delivery
Contact Name: Chulan Weeresinghe
Phone: ++(0)2082419826/**Fax:** ++(0)2082410999
Website: www.montaguebikes.co.uk
Email: sales@montaguebikes.co.uk

Available to UK forces. Supply valid IPMBA membership number with order.

BIKE WORLD

Product: Bicycles and bike accessories.
Regular Cost: Competitive Internet Sale Prices
Cost to Members: Wholesale + 35%
Contact Name: Mike Beatty
Phone: 800-928-5558/**Fax:** 210-828-3299
Website: www.bikeworld.com
Email: mike.beatty@bikeworld.com
Contact Mike Beatty at 1-800-928-5558

BRATWEAR

Product: Bike Uniforms
Regular Cost: Contact for Product List
Cost to Members: 10% off Standard Price List
Contact Name: Sara or Sally
Phone: 253-517-4000/**Fax:** 253-517-4004
Website: www.bratwear.com
Email: sara@bratwear.com or sally@bratwear.com

BRAVE SOLDIER

Product: Ointments, Shave Gels, Lip Balms, etc.
Regular Cost: Contact for Product List
Cost to Members: 40% off Retail
Contact Name: IPMBA Coordinator
Phone: 888-711-BRAVE/**Fax:** 323-852-6604
Website: www.bravesoldier.com
Email: contact@bravesoldier.com

BROFORM.COM PRO-PURCHASE MARKETPLACE

Product: Outdoor-Bike-Action Sports Gear
Regular Cost: Regular Retail
Cost to Members: Promotional Prices on Gear; Free Membership
Contact Name: John Shelly
Phone: 877-420-2766/**Fax:** 604-608-9279
Website: www.broform.com
Email: js@broform.com or info@broform.com

Email full name, department name, email address, IPMBA membership number & expiration date to BroForm contact.

BUDBRAKE INT'L, LLC

Product: Automatic Brake System Modulator
Regular Cost: \$49.95 full kit; \$29.95 modulator only.
Cost to Members: 40% off MSRP
Contact Name: Bud Nilsson
Phone: 209-712-6980/**Fax:** 209-712-6980
Website: www.budbrake.com
Email: bud@budbrake.com

BUSHWHACKER USA

Product: MESA Rear Rack Trunk
Regular Cost: \$55
Cost to Members: \$35
Contact Name: Jeff Sims
Phone: 800-344-1256/**Fax:** 801-829-6104
Website: www.bushwhackerbags.com
Email: jss1205@aol.com

BYCYCLE, INC.

Product: Bicycle Saddle
Regular Cost: Contact or Visit Website for Pricing
Cost to Members: 20% off of Retail on Any Product
Contact Name: Jim Bombardier
Phone: 877-397-2165/**Fax:** 503-892-3544
Website: www.bycycleinc.com
Email: bycycleinc@qwest.net

CANE CREEK CYCLING COMPONENTS

Product: Suspension Seatpost
Regular Cost: \$149
Cost to Members: \$88
Contact Name: Lena Warren
Phone: 800-234-2725/**Fax:** 828-684-1057
Website: www.canecreek.com
Email: lena@canecreek.com

CASCADE DESIGN

Product: Platypus Hydration Systems
Regular Cost: Contact for Pro-Form Pricing
Cost to Members: Wholesale Pricing
Contact Name: Jonathan Shapas
Phone: 800-527-1527/**Fax:** 800-583-7583
Website: www.cascadedesigns.com
Email: jonathan.shapas@cascadedesigns.com

CHRISTINI TECHNOLOGIES

Product: All Wheel Drive Mountain Bikes
Regular Cost: \$3100-\$4500+
Cost to Members: \$1800 +; quantity discounts
Contact Name: Justin Kline
Phone: 215-351-9895/**Fax:** 215-351-9896
Website: www.christini.com
Email: sales@christini.com

CYCLE SIREN

Product: Cyclesiren Trooper, Patrol & EMS mini-sirens
Regular Cost: Visit www.cyclesiren.com.
Cost to Members: 10% off Retail
Contact Name: Greg Bohning
Phone: 877-477-4736/**Fax:** 714-415-2006
Website: www.cyclesiren.com
Email: sales@cyclesiren.com

E-mail or call with your name and IPMBA membership number.



CYCLE SOURCE GROUP

Product: Bikes & Accessories
Regular Cost: Contact for Product List
Cost to Members: 20-35% off Retail
Contact Name: Peter Carey

Phone: 877-533-7245/**Fax:** 515-232-0279
Website: www.swbikes.com
Email: peterc@cyclesg.com

CYCLOPS BICYCLE & TACTICAL OPERATIONS

Product: Bicycle & Tactical Ops Equipment & Accessories
Regular Cost: Contact for Product List
Cost to Members: 10-30% off Retail
Contact Name: Ashley Foster
Phone: 843-259-8368
Email: cyclopstact@yahoo.com

IPMBA thanks IPMBA Instructor and Industry Relations Committee Member Bob Hatcher of the Delaware (OH) Police Department for updating the IPMBA Product Purchase Program for 2007. We appreciate his efforts in contacting every participant to verify the accuracy of the information. He is helping organize the second Product Purchase Program showcase and silent auction at the 17th Annual IPMBA Conference, April 14-21, 2007, in Baton Rouge, Louisiana.

Product Purchase Program

DANALCO

Product: Sealskinz & Chillblocker Waterproof Socks & Gloves

Regular Cost: Contact for product list

Cost to Members: Net Price

Contact Name: Sam Matthews

Phone: 800-868-2629/**Fax:** 800-216-9938

Website: www.danalco.com

Email: sam@danalco.com

DE SOTO SPORT

Product: Triathlon Clothing and Wet Suits

Regular Cost: Contact for Product List

Cost to Members: 40% off Retail

Contact Name: Emilio De Soto II

Phone: 800-453-6673/**Fax:** 858-578-6021

Website: www.desotosport.com

Email: contact@desotosport.com

DEMAND TECHNOLOGY, LTD.

Product: Lightrider Cycle Light

Regular Cost: £27.50

Cost to Members: £23.70; Case of 16: £18 each

Contact Name: Gill Hawkins

Phone: (01252) 612661/**Fax:** (01252) 612662

Website: www.lightrider.co.uk

Email: gill@demandtechnology.com

DESERT SUN

Product: Bike First Aid Kits

Regular Cost: \$20 plain; \$22 printed

Cost to Members: 1-9 units: 10% off; 10+ units: 15% off

Contact Name: Bertie Anderson

Phone: 760-468-1800

Email: bertiea@hotmail.com

Include IPMBA membership number & expire date with order.

DO WRAP PERFORMANCE

HEADWEAR

Product: Under Helmet Headbands & Bandanas

Regular Cost: \$9.95-\$24.95

Cost to Members: 25% off Retail

Contact Name: John Okon, Joseph Mach

Phone: 800-359-2514/**Fax:** 773-770-4201

Website: www.dowrap.com; www.sweatvac.com

Email: john@dowrap.com

Online orders: type IPMBA in coupon code to receive discount. Custom orders available.

DYNAMIC BICYCLES

Product: Chainless Police Bikes

Regular Cost: Contact for Product List.

Cost to Members: Contact for Special Pricing.

Contact Name: Patrick Perugini

Phone: 800-935-9553/**Fax:** 508-429-9119

Website: www.dynamicbicycles.com

Email: info@dynamicbicycles.com

ELECTRIC TRANSPORTATION

SOLUTIONS

Product: Bikes & Accessories for LE and EMS

Regular Cost: See website for product list.

Cost to Members: Contact for special pricing on all items.

Contact Name: Seth Leitman

Phone: 866-895-2238/**Fax:** 914-220-8396

Website: www.electrictransport.net

Email: ets@electrictransport.net

Have IPMBA membership card handy. A portion of all proceeds will be donated to IPMBA.

ELHN BADGE & EMBLEM DESIGN

Product: Custom Police Badges, Emblems, Pins, Coins

Regular Cost: Varies

Cost to Members: 25% off

Contact Name: ELHN Rep

Phone: 203-364-8644/**Fax:** 860-256-4499

Website: www.elhnbadge.com

Email: elhnbadgedesign@aol.com

Call or email design/quantity for price quote.

ERGO, LLC

Product: "The Seat" Ergonomic Bike Seat

Regular Cost: \$40 lycra/gel; \$29 vinyl; \$20 faux leather

Cost to Members: \$30 lycra/gel; \$23 vinyl; \$15 faux leather

Contact Name: Thomas White

Phone: 425-333-6161/**Fax:** 425-333-6355

Website: www.thecomfortseat.com

Email: daedalus@nwlinc.com

EV TECH

Product: Bikes & Accessories for LE and EMS

Regular Cost: See website for product list.

Cost to Members: Contact for special pricing on all items.

Contact Name: Doug Canfield

Phone: 972-851-9990/**Fax:** 972-851-9993

Website: www.texaselectricbikes.com

Email: dcanfield@evtech.us

Have IPMBA membership card handy. A portion of all proceeds will be donated to IPMBA.

EXPOSURE/USE (ULTIMATE SPORTS ENGINEERING)

Product: Lighting Systems

Regular Cost: Contact for Product Information.

Cost to Members: Contact for Discount Details

Contact Name: Jonathan Sharpe

Phone: ++ (0) 1798 344477/**Fax:** ++1798 34499

Website: www.use1.com

Email: info@exposurelights.com

EYE SAFETY SYSTEMS, INC.

Product: Protective Eyewear - Military, LE, Tactical

Regular Cost: Contact for List Prices

Cost to Members: 30-40% off List Price

Contact Name: Willy Breen

Phone: 208-726-4072/**Fax:** 208-726-4563

Website: www.essgoggles.com

Email: wbreen@essgoggles.com

FOSTER GRANT SUNGLASSES

Product: Ironman Sunglasses

Regular Cost: \$24.99-\$100 MSRP

Cost to Members: 40% off MSRP

Contact Name: Bill Paine

Phone: 215-335-9218/**Fax:** 215-708-1096

Email: painews@aol.com



FUJI AMERICA

Product: Bikes & Accessories

Regular Cost: Contact for Product List

Cost to Members: Special Prices on Selected Models

Contact Name: Steve Harad

Phone: 215-824-3854 x1111/**Fax:** 215-824-1051

Website: www.fujibikes.com

Email: sharad@fujibikes.com

GATORZ EYEWEAR

Product: Eyewear

Regular Cost: \$139-\$159

Cost to Members: 25% off published retail rates

Contact Name: Tom Harwood

Phone: 800-767-4287/**Fax:** 858-748-5544

Website: www.gatorz.com

Email: tom@gatorz.com

GITA SPORTING GOODS

Product: Giordana Apparel

Regular Cost: Contact for Product List

Cost to Members: 10% off Giordana

Contact Name: Nelson Frazier

Phone: 800-FON-GITA x 319

800-FON-GITA x 319/**Fax:** 704-588-4322

Website: www.gitabike.com

Email: info@gitabike.com

On website, enter "IPMBA" in promotion code box.

IMBA: INTERNATIONAL

MOUNTAIN BICYCLING ASSOCIATION

Product: IMBA Membership

Regular Cost: Varies; see website

Cost to Members: \$10 off National Mountain Bike

Patrol Membership

Contact Name: Spencer Powlison

Phone: 888-442-IMBA x101/**Fax:** 303-545-9026

Website: www.imba.com

Email: membership@imba.com

Submit copy of IPMBA membership card with NMBP membership application or renewal notice.

Submit copy of IPMBA membership card with NMBP membership application or renewal notice.

IOSSO PRODUCTS

Product: Cleaners & Lubes for Guns & Bikes

Regular Cost: Contact for Product List

Cost to Members: 20% off Retail

Contact Name: Marianne Iosso

Phone: 888-747-4332/**Fax:** 847-437-8478

Website: www.ioosso.com

Email: iossoproducts@iosso.com

KENDA USA

Product: Premium Bicycle Tires & Tubes

Regular Cost: MSRP

Cost to Members: 60% off MSRP

Contact Name: Karen or Cindy

Phone: 614-866-9803/**Fax:** 614-866-9805

Website: www.kendausa.com

Email: bicycle@kendausa.com

Contact for Order Form.

KUJI SPORTS CO. LTD.

Product: Helmets; Public Safety Helmets

Regular Cost: \$39.99-\$159.99

Cost to Members: \$17-\$50; Public Safety: \$25

Contact Name: Bill Paine

Phone: 215-335-9218/**Fax:** 479-254-0289

Website: www.ironmanhelmets.us

Email: painews@aol.com

Public safety: available in black or white & with choice of stickers: police/EMS/Sheriff/Fire Dept/Security

LANE SUNGLASSES, INC.

Product: Protective Eyewear & Goggles

Regular Cost: Contact for Product List

Cost to Members: 30% off Retail for Quantity Purchases

Contact Name: Neal Dykstra

Phone: 800-542-7850/**Fax:** 219-956-2112

Website: www.lanesunglasses.com

Email: eyewear@netnitco.net

Product Purchase Program

Product Guide

LEONARD CONSULTING GROUP

Product: S&W and Fuji Bikes, Lightman Strobes, Duty Gear

Regular Cost: See Website

Cost to Members: 10% off Regular Prices

Contact Name: Mark Leonard

Phone: 501-517-5338/**Fax:** 501-653-2969

Website: www.themaskedmerchant.com,
www.4bike-police.com

Email: LCGInc@sbcglobal.net

When ordering online, use coupon code IPMBA 10 for 10% discount.

LIFT & STORAGE SYSTEMS, INC.

Product: Automatic Bike Lift Storage Systems

Regular Cost: \$4,295 (30 bikes); \$6,590 (60 bikes)

Cost to Members: \$4,000 (30 bikes); \$6,000 (60 bikes)

Contact Name: Shawn Jones

Phone: 800-825-4777/**Fax:** 516-777-1535

Website: www.liftstore.com

Email: sjones@liftstore.com

LIGHTCYCLES

Product: Bicycle Parts & Accessories

Regular Cost: Contact for Product List

Cost to Members: 20-25% off Retail

Contact Name: Bob Light

Phone: 518-420-4666

Email: lightrj@plattsburgh.edu

Email for details/availability/shipping charges.

LOUKA TACTICAL TRAINING LLC

Product: Video: Firearms & Training Issues

Regular Cost: \$25, incl. shipping

Cost to Members: \$23, incl. shipping

Contact Name: Lou Ann Hamblin

Phone: 734-697-6342

Website: http://home.comcast.net/~kdvonk/
LouKaLLC.html

Email: louannblackwidow@aol.com

MADISON BICYCLE SHOP

Product: Bikes, Uniforms, and Accessories

Regular Cost: See Website for Product List

Cost to Members: Up to 15% off; up to 12 months financing same as cash

Contact Name: Sal Piccolo

Phone: 973-377-6616/**Fax:** 973-822-3551

Website: www.madisonbicycleshop.com

Email: contact@madisonbicycleshop.com

Complete police application. Call to demo a complete police mountain bike.

MAKLITE

Product: Illuminated Safety Light Products

Regular Cost: \$10.95 (9" Strips With Velcro)

Cost to Members: \$7.00

Contact Name: William Maki

Phone: 800-888-5427/**Fax:** 773-276-3331

Website: www.librasafety.com

Email: libre.safety@prodigy.net

MARWI USA, INC.

Product: Lighting Systems

Regular Cost: \$99-\$399

Cost to Members: Contact for Discount

Contact Name: Austin Hallam

Phone: 800-448-3876/**Fax:** 618-395-4711

Website: www.marwiusa.com

Email: austin@magurusa.com

MAXIT DESIGNS

Product: Headgator(TM)/Hothead™/Thermal Beanie™

Regular Cost: \$17.50 Headgator(TM)/Hothead (TM); \$15.40 (Beanie)

Cost to Members: \$10.50 Headgator(TM)/Hothead (TM); \$9.40 (Beanie)

Contact Name: Liz

Phone: 800-556-2948/**Fax:** 916-489-7031

Website: www.maxit-inc.com, www.headgator.com

Email: info@maxit-inc.com

35% off other in-stock items. Visit website for information and call for availability. Have IPMBA membership number handy.

MAXXIS TIRES

Product: Bike Tires & Tubes

Regular Cost: Contact for Product List

Cost to Members: 50% off Retail (Pro-form)

Contact Name: Ben Burgis

Phone: 800-4MAXXIS/**Fax:** 770-962-7705

Website: www.maxxis.com

Email: bikeorders@maxxis.com



MOCEAN

Product: Bike Patrol Uniforms

Regular Cost: Contact for Product List

Cost to Members: 25% off Retail

Contact Name: Bill Levitt

Phone: 877-662-3680/**Fax:** 949-646-1590

Website: www.mocean.net

Email: moceanbl@aol.com

MONTAGUE BIKES

Product: Paratrooper Tactical Folding Mountain Bike

Regular Cost: \$645

Cost to Members: Free Folding Pedals & Kickstand with Purchase

Contact Name: Dave Winding

Phone: 800-736-5348/**Fax:** 617-491-7207

Website: www.montagueusa.com

Email: dwinding@montagueusa.com

MOUNTAIN RACING PRODUCTS

Product: Power Grips, White Brothers Forks, Kreidler Rollers

Regular Cost: Contact for Product List

Cost to Members: 20% off Retail

Contact Name: Paul Aeita

Phone: 800-999-8277/**Fax:** 970-241-3529

Website: www.mrbike.com

Email: paeita@mrbike.com

NUGO NUTRITION

Product: Nutrition/Energy Bars

Regular Cost: \$1.59/bar; \$23.85/box

Cost to Members: \$1.02/bar; \$15.25/box

Contact Name: Keith Rohrluck

Phone: 888-421-2032/**Fax:** 412-781-4120

Website: www.nugonutrition.com

Email: krohrluck@nugonutrition.com

Call 888-421-2032 to order, and have your IPMBA membership number & expiration date handy.

OLYMPIC UNIFORMS/J. MARCEL

Product: Bike Patrol Uniforms

Regular Cost: Contact for Product List

Cost to Members: 10% off Retail Prices

Contact Name: Julie Cruise/Rachel Peterson

Phone: 888-722-9222/**Fax:** 206-722-1521

Website: www.olyuniforms.com

Email: reps@olyuniforms.com



OPENHOUSE PRODUCTS

Product: Panniers, Cycle Bags, Lyteline High-Viz Products

Regular Cost: £10 - £500

Cost to Members: 15% off Regular Prices

Contact Name: Bruce Burns

Phone: +44 (0) 1422 824777/**Fax:** +44 (0) 1422 824666

Website: www.openhouseproducts.com

Email: bruce@openhouseproducts.com

Provide IPMBA membership number when ordering.

PARADIGM TACTICAL PRODUCTS

Product: FRISKER PRO Hand Worn Metal Detector

Regular Cost: \$194.95 + S&H

Cost to Members: \$155 + S&H

Contact Name: Camilla Cutler

Phone: 978-352-6633/**Fax:** 978-352-7799

Website: www.frisker.com

Email: sales@paradigm tactical.com

PATROL CYCLE LLC

Product: Patrol Cycle Shoe

Regular Cost: \$89.95

Cost to Members: \$79.95

Contact Name: Mark Eumurian

Phone: 800-208-2032/**Fax:** 651-773-8762

Website: www.patrolcycle.com

Email: patrolbike@earthlink.net or
bgorton@patrolcycle.com

POLAR DESIGN, INC.

Product: Hydration Backpacks

Regular Cost: PolarPak 1.0 \$42.95

Cost to Members: PolarPak 1.0 \$18.30

Contact Name: Jeff Skillern

Phone: 208-426-9058/**Fax:** 208-424-8687

Website: www.polarpak.com

Email: jeff@polarpak.com

Special offer is not available online.



POLICE BIKE STORE

Product: Fuji, S&W, Lights, Sirens, Bags, Accessories

Regular Cost: Contact or Check Website for Product List

Cost to Members: 10-35% off Retail

Contact Name: Michael Espejo

Phone: 309-797-9028/**Fax:** 309-797-9028

Website: www.policebikestore.com

Email: info@policebikestore.com

PROGOLD LUBRICANTS

Product: ProLink Chain Lube, ProGold Lubes, EPX

Regular Cost: Contact for Product List

Cost to Members: 40% off Retail

Contact Name: Doug or Van

Phone: 800-421-5823/**Fax:** 404-766-3977

Website: www.progoldmfr.com

Email: progoldmfr@aol.com

PROMARK INT'L INC.

Product: Full Line Law Enforcement Equipment

Regular Cost: Contact for Product List

Cost to Members: 40% off Most Products

Contact Name: Kenneth Battcher

Phone: 800-645-4443/**Fax:** 516-795-4259

Website: www.publicsafetymall.com

Email: promarkint@aol.com

PUBLIC SAFETY LOGOS

Product: Badges/Badge Cases/Jewelry/Patches/Etc.
Regular Cost: \$40-\$115

Cost to Members: 10% off + drop ship free on \$150 or more

Contact Name: Michael Carrizales

Phone: 800-276-0706/**Fax:** 281-251-4786

Website: www.publicsafetylogos.com

Email: sales@publicsafetylogos.com

Code: 20PMB04 and IPMBA membership number must accompany order.

**R & B FABRICATIONS**

Product: Panniers & Safety Vests

Regular Cost: Contact for Product List

Cost to Members: 15% off Retail

Contact Name: Tina Lime

Phone: 800-553-1911/**Fax:** 419-594-2250

Website: www.rbfab.com

Email: info@rbfab.com

REDMAN TRAINING GEAR

Product: Defensive Tactics Training Gear

Regular Cost: Contact for Product List

Cost to Members: 10% off Retail

Contact Name: Bob Brothers

Phone: 800-865-7840/**Fax:** 800-459-2598

Website: www.redmangear.com

Email: bob.brothers@redmangear.com

RUBEL BIKEMAPS

Product: Bicycling Street Smarts: 48-page booklet

Regular Cost: See website for price schedule.

Cost to Members: Free shipping on any size order.

Contact Name: Andy Rubel

Phone: 617-776-6567/**Fax:** 617-623-1523

Website: www.bikemaps.com

Email: info@bikemaps.com

Contact for free sample; see full text at www.bikemaps.com.

RUDY PROJECT

Product: Sunglasses, Sport Eyewear, Helmets, Goggles

Regular Cost: Contact for Product List

Cost to Members: 35% off Retail

Contact Name: Molly Nygaard

Phone: 800-760-2518/**Fax:** 303-333-9292

Website: www.rudyprojectusa.com

Email: molly@rudyprojectusa.com

At www.rudyprojectusa.com, click on OTHER INFO, then BATMAN. Click "IPMBA Members Click Here". Enter passcode: gopolice.

SIGNAL MEASUREMENT CO.

Product: GPS & Communication Mounts

Regular Cost: Contact for Product List

Cost to Members: 30% off Retail

Contact Name: Tom Polcyn

Phone: 800-527-1079/**Fax:** 281-356-0099

Website: www.smc-amp.com

Email: tpolcyn@smc-amp.com

SPENCO IRONMAN CYCLING**GLOVES**

Product: Ironman, MTB, & Police Gloves

Regular Cost: \$25-\$45

Cost to Members: \$11.75-\$19.50 plus shipping

Contact Name: Bill Paine

Phone: 215-335-9218/**Fax:** 215-708-1096

Website: www.ironmancycling.com,

www.mtbseries.com

Email: painews@aol.com

Order directly through Bill Paine.

SUPERIOR GEAR

Product: Chain Stain Away Pant Protector

Regular Cost: Base/Standard Model: \$17.99

Cost to Members: 10% off Regular Price; quantity discount for 10 or more

Contact Name: Frank Pollari

Phone: 888-519-2250/**Fax:** 807-473-4597

Website: www.chainstainaway.com

Email: sales@superior-gear.com

For online ordering, enter IPMBA5 in the coupon box.

SWAGMAN

Product: Bicycle Carriers (Roof/Hitch/Trunk)

Regular Cost: Contact for Product List

Cost to Members: 15% off Retail

Contact Name: Debbie

Phone: 800-469-7924/**Fax:** 800-469-7893

Website: www.swagman.net

Email: debbief@swagman.net

All Shipments Made from Orville, WA

TERRY PRECISION CYCLING

Product: Bikes, Accessories, Seats, Apparel

Regular Cost: Contact for Product List

Cost to Members: Terry Apparel -- wholesale; see notes for more.

Contact Name: Ginny Weisel

Phone: 800-289-8379 x 13/**Fax:** 315-986-2104

Website: www.terrybicycles.com

Email: ginny@terrybicycles.com

10% off wholesale on Terry saddles. Contact Ginny via email for pro deal order form.

TIMEX WATCH CORPORATION

Product: All Timex Products

Regular Cost: Contact for Product List

Cost to Members: 33% off MSRP

Contact Name: Bill Paine

Phone: 215-335-9218/**Fax:** 215-708-1096

Website: www.timex.com

Email: painews@aol.com

UNITED BICYCLE SUPPLY

Product: Bicycle Tools and Parts

Regular Cost: Wholesale Pricing

Cost to Members: Wholesale Pricing to Departments

Contact Name: Pete

Phone: 541-482-1750/**Fax:** 541-482-1132

Call to establish an account for your department to be eligible for wholesale pricing on all products.

**VISION 2000 LEEDS LTD.**

Product: Mobile Surveillance Systems for Push Bikes

Regular Cost: £1500 + VAT

Cost to Members: 10% discount

Contact Name: Alex Hayes

Phone: 01132 370293/**Fax:** 0113 2370294

Website: www.v2k.co.uk

Email: alex@vision-2000.co.uk

Email contact details and IPMBA membership number.

**VOLCANIC MANUFACTURING**

Product: Bikes, Accessories, Outdoor & Camping Gear

Regular Cost: Contact for Product List

Cost to Members: Average of 25% off MSRP

Contact Name: Eric Kackley

Phone: 360-943-8613

Website: www.volcanicbikes.com

Email: eric@volcanicbikes.com

WTB

Product: Tires, Saddles, Headsets, Pedals, Wheel Parts

Regular Cost: Contact for Product List

Cost to Members: 15% off Wholesale Prices

Contact Name: Chris Schierholtz

Phone: 415-389-5040/**Fax:** 415-389-5044

Website: www.wtb.com

Email: cschierholtz@wtb.com

ZEAL OPTICS

Product: Sport Eyewear & Goggles

Regular Cost: \$79.99 - \$200

Cost to Members: 50% off suggested retail.

Contact Name: Penelope Butterfield

Phone: 435-259-6970/**Fax:**

Website: www.zealoptics.com

Email: penelope@zealoptics.com

Online, please enter coupon code "IPMBA50" at check-out.

ZENSAH

Product: Tactical Shirts & Shorts

Regular Cost: Shirts \$39.95/Shorts \$34.95

Cost to Members: 30% off Regular Cost

Contact Name: Ryan Oliver

Phone: 877-614-5076/**Fax:** 305-675-0221

Website: www.zensah.com

Email: tactical@zensah.com

When ordering online, type "IPMBA30".

ZOIC CLOTHING

Product: Cycling Apparel

Regular Cost: Retail

Cost to Members: 30% off Retail

Contact Name: Alyssa Slamal

Phone: 866-355-9642/**Fax:** 858-658-0746

Website: www.zoic.com

Email: alyssa@zoic.com

The Product Purchase Program was updated January 2007. The information has been provided by the participating companies and is subject to change without notice. A company's participation in the Product Purchase Program does not indicate endorsement by IPMBA, nor does it indicate the company's sponsorship of IPMBA.



IPMBA

IPMBA proudly recognizes the following organizations (in box at right) for their continued support and assistance to IPMBA and the profession of public safety cycling. They have helped to ensure that we can continue our mission of providing education, training, and resources for public safety cyclists worldwide. To become a corporate member, contact Maureen at maureen@ipmba.org or 410-744-2400.

Alerte Systems International

Jerry Watley
800-728-1536
Jerry@alertesystems.com
www.alertesystems.com



Bill Levitt
949-646-1701
moceanbl@aol.com
www.mocean.net



Cycle-Force UK

Charles Beral
++44(0)1344 862550
Info@www.cycle-force.co.uk
www.cycle-force.co.uk



Police Bike Store

Michael Espejo
309-797-9028
info@policebikestore.com
www.policebikestore.com



Cycle Source Group

Peter Carey
515-232-0277
peterc@cyclesg.com
www.swbikes.com



R & B Fabrications

David Belton
419-594-2743/800-553-1911
info@rbfab.com
www.rbfab.com



Fuji Bicycles & Advanced Sports

Steve Harad
215-824-3854
sharad@fujibikes.com
www.fujibikes.com



Trek Bicycle Corporation

Stefan Downing
800-313-8735 x 4911
police@trekbike.com
www.trebikes.com



Volcanic Bicycles

Eric Kackley
360-943-8613
eric@volcanicbikes.com
www.volcanicbikes.com



www.ipmba.org

Your organization. Your website. Visit.

Mocean

No express or implied endorsements are being made by IPMBA for any product, service, program, or organization.

Be an IPMBA Instructor!

Want to become an IPMBA-Certified Police Cyclist or EMS Cyclist Instructor?

Call 410-744-2400 or email info@ipmba.org to obtain an instructor application packet. In the simplest of terms, to become an Instructor, you must meet the criteria outlined in the packet, apply to IPMBA headquarters, be approved, then register for and attend one of the Instructor Courses.

Check out www.ipmba.org for information on the upcoming instructor courses.



PATROL BIKE SYSTEMS

**"We put cops
behind bars"**

The most comprehensive one stop shop for all your patrol biking needs. Staffed by knowledgeable experienced cyclists who have been serving law enforcement for over 10 years. We not only sell bicycle equipment, but we ride them, build and service them and race them. We carry top of the line brand names at nationally competitive prices. Call us for firsthand experience on how we can assist you in your bike patrol needs.

We carry

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- ▶ Bicycle Accessories
- ▶ Clothing
- ▶ Shoes
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- ▶ Law Enforcement Lighting
- ▶ Helmets
- ▶ Tools
- ▶ Books and Service Manuals

Patrol Bike Systems Inc.

PO Box 9308, St Paul, MN 55109-0308

Phone: 651-773-8763 Toll Free: 800-208-2032 Fax: 651-773-8762

View our soon-to-be-updated online catalog at www.patrolbike.com

CHOOSE APPROVED FOOTWEAR

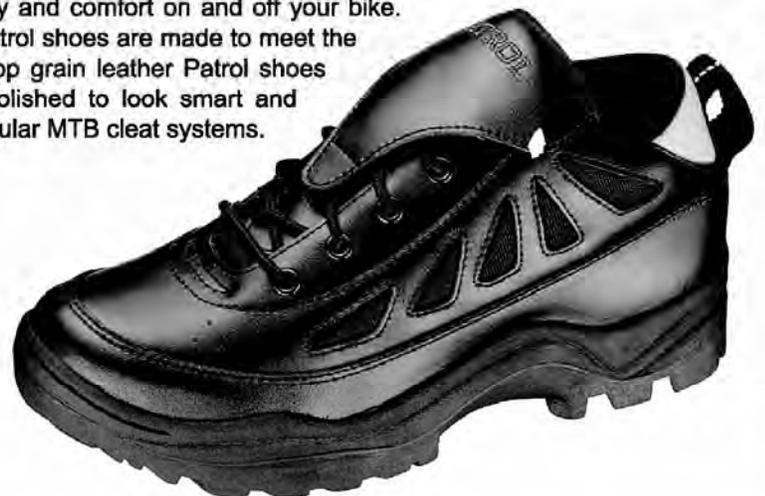
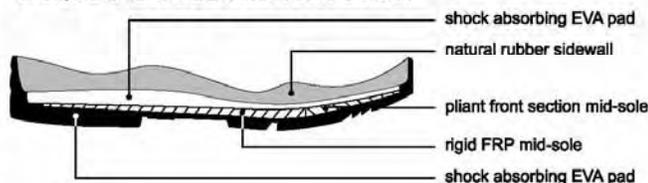
To prevent injury when cycling a stiffened sole is essential. Properly designed cycling footwear has a rigid mid-sole extending from the ball of the foot to the heel to guard against the crippling effects of plantar fasciitis and metatarsalgia. The mid-sole also adds to comfort and efficiency by transferring the pedal pressure over the whole sole area, no localized soreness or pressure points caused by the pedals.

Patrol shoes are designed by bike patrol officers for safety and comfort on and off your bike. Clipped in, using regular pedals or in pursuit off the bike Patrol shoes are made to meet the demands of public safety professionals. Made from soft top grain leather Patrol shoes breathe naturally for comfort and hygiene and can be polished to look smart and professional. The SPD compatible mid sole accepts all popular MTB cleat systems.

SPECIAL IPMBA DISCOUNT

79.95 REGULAR RETAIL 109.95
SHIPPING AND HANDLING
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News from the UK



Matt Langridge, PCI # 869
Thames Valley Police (UK)

Hello again from the UK. Well, what's been happening since I last reported in?

6th to 8th October 2006

saw the London Cycle Show at the ExCel Centre in Docklands. This year's event saw two separate stands, one from St Johns Ambulance and the other a police stand, primarily run by officers from the City of London Police and Metropolitan Police. Once again, my crewmate Mark Jenkins and I were invited along and spent a day flying the flag for Thames Valley Police. London Ambulance Service were also in attendance, with Paramedics showing adjacent to the Tour of Britain 2007 start display. As usual, there was lots of shiny, expensive tempting kit to see, some of which I have described in an article elsewhere in this issue.

Tom Lynch and his colleagues Gerard Robinson and Keith Plummer from the London Ambulance Service have been busy again. Two courses have been run, training teams of eight Paramedics, one each for Heathrow and London City Airports. Well done to all the students.

Tom also has some very encouraging and important news for EMS cyclists in the UK. The Ambulance Service Association (ASA) has agreed to facilitate national standardisation of emergency cycling across the UK. Tom explains "We already have the best working model in place of course by using IPMBA standards. I will lead this research and hopefully come up with an agreed standard for all services to use in recruitment, training, implementation and policy and procedure a lot of which we already have implemented in the LAS. This process will take the form of a national working group yet to be decided." This seems to be ground breaking decision making and I look forward to bringing more news on this as it progresses.

A check of IPMBA stalwart PC Charlie Irvine's tremendous site www.bikesquad.org has thrown up this bit of good news from Edinburgh:

POLICE are being given mountain bikes and miniature cameras to patrol the city centre in an effort to crack down on drunken jobs and thieves. Police chiefs believe the 18-strong team will dramatically cut response times to incidents around the city's main drinking and shopping areas.

The cycle patrols will be mounted day and night by officers in distinctive fluorescent jackets. The mini-cameras, which will be mounted on their helmets or bike frames, will capture footage to be used later in court.

Police chiefs say the patrols will be a significant weapon in their fight against antisocial behaviour. Superintendent Cliff Anderson, the officer in charge of policing in the city centre, said: "These officers will be able to quickly respond to incidents such as disturbances outside a pub.

"An officer on foot in the High Street could take 15 or 20 minutes to get to, say, Princes Street. The bikes will improve our response times significantly. They will be expected to respond to the same calls that a Panda car would. But with busy traffic in the city centre, a bike can travel twice as



Photo courtesy Tom Lynch

fast as a car. And rather than taking 20 minutes to walk along a patrol in the High Street, they will be able to cover the same distance in a few minutes."

The bikes will allow officers to "pursue criminals through places a car just could not go", such as underpasses, parks and pathways. The team, which is the first of its kind in Edinburgh, will also target "hotspots" which are currently difficult to police, such as Princes Street Gardens and Calton Hill.

Each member of the team, which was drawn from beat officers in the City Centre Policing Unit, has undergone training on the high-performance bikes.

More converts to the worthy cause! For those of you who have not yet logged on to Charlie's site, I do recommend it. (That'll be a pint of Best, please Charlie!)

On a different note, a court case that has caused a big stir within the cycling community in the UK involves Traffic Police prosecuting a cyclist in Telford, Shropshire. The cyclist, Daniel Cadden, was on his daily commute, riding on a main road in Telford. This section of road was a downhill approach to a roundabout junction. The edge of the road was marked with a solid white line and the centre of the road was also marked with a solid white line. His speed was in the region of 20 mph. Vehicles wanting to pass Daniel did so by crossing the central white line, an offence as Daniel's speed was in excess of 10 mph. Daniel was stopped by police and reported (issued a citation) for riding without consideration for other road users. This was because he was riding in the carriageway as opposed to on the left of the white edge marking line. In court he

was supported by John Franklin, the author of 'Cyclecraft', the 'Bible' for British cyclists and recommended reading for students undertaking the National Cycle Training. John appeared as an expert witness and described Daniel's riding as correct for the circumstances of the incident and conditions. The District Judge presiding over the hearing convicted Daniel of the offence on the basis that he had been using the road as opposed to a separate cycle path on the opposite side of the road. Daniel has appealed against his conviction and we await the outcome. This case has really put the cat amongst the pigeons as far as the compulsory cycle path debate is concerned and could have consequences for all cyclists in the UK.

Well, that's it for this issue. I'd like to take this opportunity to wish you all Happy New Year. Enjoy all the new cycle stuff that you receive and ride safe.

If you have any news or items of interest, please e-mail me at matt.langridge@thamesvalley.pnn.police.uk.

Polar Pedaling

(Continued from page 1)

have been riding to work, to the store, and running errands on my bike during the winter whenever possible ever since.

Your second question obviously is “why?” Why would anyone in their right mind want to ride a bicycle in the winter? For starters, to improve your skills, maintain your fitness, and keep your bicycling muscles fresh. Add to those empty bike trails, less traffic, meeting a challenge, having fun, and boasting rights – being able to say to all those who sat it out that you conquered winter. Personally though, the look on my chief’s face when I ride into the station during a snowstorm makes it all worthwhile!

The first thing you need to do if you are going to ride in the winter is figure out the kind(s) of weather in which you will be riding. Is it cold and wet, cold and dry, or is there lots of snow? Or do you experience it all? I do! Once you’ve figured that out, you can determine your limitations based on equipment.

BICYCLES

The first piece of equipment you need is a bicycle. Weather determines the type of bike you will be able to ride. Road bikes are ok until you need snow tires or fenders. The best type of bikes for winter riding are hybrids, mountain bikes, and bikes designed for loaded touring. These bikes all can take big tires and have better foul weather brakes than road bikes. Most can also accommodate some type of fenders.

CLOTHING

The next thing you need is proper clothing. Depending how cold it is in your area, this could mean anything from purchasing better raingear to adapting heavy winter clothes for cycling. There is very little cycling clothing that works well below 40 degrees Fahrenheit, and even less for riding at 30 degrees Fahrenheit or below. This means you don’t have to spend a lot of money on fancy clothes and that you can wear your summer cycling shorts under whatever outerwear you choose. Clothes



that breathe are a must, and so is rain gear that is well-vented and breathable. You will be in a constant wind, equal or greater than your riding speed, so your rain jacket can also be your wind top.

Keeping your feet warm is essential. Depending on how cold the temps are when you ride, you may be able to get away with only neoprene shoe covers over your regular cycling shoes. Lake makes winter-specific cycling shoes, but many of us “ice bikers” have adapted winter boots with stiff soles to meet our needs. Neoprene covers or waterproof shoe covers are necessary if you will be riding in cold, rainy conditions, and lined neoprene shoe covers can work in some snowy areas too. PowerGrips are the accepted pedal retention device if you wear non-standard cycling shoes, and they make extra long straps to accommodate many winter shoes. Some people have had success with putting SPD cleats on winter boots, but I think the PowerGrips solution is probably the easiest unless you buy a winter bicycle shoe.

For really cold temperatures, mittens are the only viable option. However, if you are going to ride in cold, rainy conditions, a waterproof glove is a must. “Lobster” mittens are a good choice because they allow you a little more dexterity. And for extreme riders, there are handwarmers, which look like huge mittens, that attach to your handlebars.

Headgear is another item that is not only ride dependent but a personal preference. This could range from any combination of head bands, winter caps, helmet liners or face masks. You will need to see what works for your conditions and what is comfortable. Many helmets are instantly adjustable and can be adapted by making a quick adjustment to the fit ring and loosening the chin strap to accommodate your winter head gear. Many of us dress a little cool for our winter rides because it is very hard to change layers in the middle of your ride. You warm up from exertion while riding and if you want to get warmer, all you have to do is increase your effort. As a result, you can regulate your temperature throughout your ride by regulating your cycling effort.

EYE PROTECTION

Eye protection in the winter is a whole new ball game. You will need to experiment to find a product that is suitable for your riding conditions while at the same time comfortable. If you are lucky enough to not wear corrective lenses, the choices are much easier. Normal glasses fog easily and much of the fogging comes from your own breath. At higher temperatures, fogging tends to only happen when you’re not moving. At colder temperatures, it can happen all the time. Some of the newer glasses made by ESS and Wiley-X do well at moderately cold temperatures, but once the temperature dips past the mid-twenties, I go for skeleton-framed ski goggles. I haven’t had them fog at -20, though they do restrict my peripheral vision a little bit. Again, you need to find out what both works well and is comfortable.

LIGHTING

One important safety consideration in winter is lighting. Winter days are shorter and you will need to either plan your rides around this or invest in a good light set. Winter road conditions usually require better lights than what you need in the summer. If all your riding is done on snow-packed trails, you can get away with cheap lights because the snow is a great reflector. However, potholes on a wet road are hard to see with a cheap light, and seeing ice on a road is next to impossible. The biggest problem with light sets in the winter time is batteries. Cold weather shortens battery life and extremely cold weather can make some batteries almost nonfunctional. There are a couple schools of thought on this. One is that only batteries that have an exothermic property (give off heat when it discharges) such as Li-Ion Ni-cad should be used. Lead acid batteries should be avoided as they will lose 50% of their capability if left out in these cold temps. Another school of thought is to keep the battery warm; many of those people advocate using helmet lights with flat battery packs that can be worn under the coat. Still another school says to skip batteries and use a dyno/generator. The type of dyno once again is weather dependent. Wheel-driven dynos don’t work well in snow, while dyno hubs are not affected by any weather. If you choose to go with a dyno, price becomes a factor as most dyno hubs start at \$100 just for the hub, which then has to be built into a wheel.

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by Kirby Beck, PCI #002T/EMSCI #017T
Coon Rapids (MN) Police Dept. (retired)



The oldest formally organized EMS Bike Unit in America has joined IPMBA. The paramedics of Denver Health formed their bike response team in

the early 90's. Since that time they have been working steadily, covering more than 180 events annually. In November, they contacted IPMBA about obtaining IPMBA EMS Cyclist training for the members of their team. They wanted to complete the course so they were eligible to send some team members to the **IPMBA Instructor Course** in Baton Rouge. They had heard that IPMBA certification was the most professional training available.



Photo by Kirby Beck

I was fortunate enough to be selected for the job, so I went to Denver and taught a 32-hour course during the first week of December. The weather was chilly, but mostly free of snow and ice. What I found when I got there were eight team members, all with more than 10 years of EMS bicycling experience, and copious amounts of both on and off road cycling to boot. These boys could ride! I knew I

was in for something special when I reviewed their Student Query Sheets and on the question about their "bikes owned and condition," one student listed "Custom Ti fixed gear" and "Custom Ti mountain bike." As you might expect, it was a fun and terrific class.

IPMBA is proud to have Paramedic Captain and Bike Team Coordinator Kyle

Roodberg and his team, with their vast experience and skill, as part of our international group. We welcome them to the first and the best Public Safety Cycling organization in the world.

Kirby is a former president of IPMBA and one of the authors of the Complete Guide to Police Cycling. He is an IPMBA Instructor Trainer and an expert in a variety of bike-related issues, including crashes. He can be reached through his website, www.kbconsulting.com or kirby42@aol.com.

Polar Pedaling

(Continued from page 28)

Lighting choice is driven by money and personal preference. Good lights are costly no matter which option you choose, though there are quite a few plans on the internet for do-it-yourself bike lights. My personal choice is a mix. I have a wheel driven dyno for wet and dry weather. I also carry a 10w halogen helmet light with the battery pack inside my coat. This gives me extra light when I need it or a replacement for the dyno when snow is on the road.

TIRES

The final item is tires. The tires you use in the summer will work in the winter until there is snow and ice on the ground. If you want to keep riding in snow and ice, studded tires are highly recommended. Good studded tires have studs made out of a very hard material like carbide to reduce wear. I ride on Nokians but Schwalbe also makes good tires. I've had the same set for four years and still haven't worn the studs off, despite the fact that I frequently ride

them on dry roads whenever I hear there is a chance of snow. Many people think that studs are only needed for ice and that knobby tires are good for deep snow. Personally I keep two sets of rims on hand. One has a mixed tread that is suitable for wet streets and thin layers of wet snow. The second set has an aggressive set of Nokian studded snow tires on it that I use whenever the roads are snowy or icy.

CONCLUSION

A few final words need to be said. Riding in any type of weather has its challenges, but cold weather requires a few extra precautions. Be aware of the signs of frostbite and hypothermia. Once you know what to look for, winter riding is no more dangerous than riding when the thermometer is in the 90's. Also, winter riding is difficult. Riding in the cold is strenuous; add ice or snow and it's a real workout! Riding in snow is like riding in beach sand; add ice to that and you ride harder and more slowly, so if you're planning to ride to work, don't forget to take that into account. You need to be in shape no matter what the weather!

The rest is up to you. Winter riding is about discovery and much of it is trial and error. Discover what works, what you've been missing, what you need to keep going and how to keep your bike upright on the ice!

WINTER RIDING WEBSITES

General riding information and an email list: www.icebike.com.

Chicago winter riding site: www.bikewinter.org/main.php.

Nokian tires: www.suomityres.fi/.

Schwalbe tires: www.schwalbetires.com.

Peter White Cycles is one of the main studded tire dealers. Peter is also the main dealer for many fine bicycle lighting products: (www.peterwhitecycles.com)

Track-driven bicycles for extreme terrain: www.ktrakcycle.com/.

Marc Zingarelli is the Bike Patrol and Continuing Education coordinator for the Circleville Fire Department in Circleville, Ohio. He is a life member of the Adventure Cycling Association, and an avid all weather bike commuter who can be found traveling on a bike almost anywhere year-round. He can be reached at marczing@earthlink.net.

Whitechapel Bike Safety Day

by Charlie Irvine, PCI #752/EMSCI #143
Metropolitan Police Force (UK)

Saturday the 18th of November 2006 saw the first Bike Safety Day to be held in Tower Hamlets. The day was organized by the Whitechapel Safer Neighbourhood Team, which covers the area. The concept for the day was unashamedly “borrowed” from the bike rodeo, so beloved of bike teams in the U.S.A. I would like to personally thank Dan Ganzel from the Palm Beach Sheriffs Dept for his Bike Rodeo workshop, which I attended at the 2004 IPMBA Conference in San Antonio.

Whitechapel is situated in the East End of London, and is home to a large Bangladeshi community. Relations between the community and police are

At the beginning of the day, all of the kids registered and were given a number. From there it was on to “Dr. Bike” for necessary repairs and adjustments, which proved to be the

busiest stand on the day. The standard of bike being presented to us was poor, so a lot of time and effort went into repairing the bikes. Myself and my colleague Colin Jarrett had attended a bike mechanics

course prior to the Bike Safety Day, and our newfound knowledge was tested to the extreme!

The kids then went on to “Helmet Fit” where they were given a free helmet, and shown how to fit it properly. We then held a road safety talk, using flash cards of road signs (Stop, Give Way, etc.), and then once we were satisfied that they understood them, we sent them onto the “road.” Once there, they were shown how to scan to the rear and how to overtake

parked vehicles without endangering themselves. The next part of the day was the obstacle course. This was a simple slalom of cones which the children had to negotiate. Once they had completed this, they then went onto the “Slow Speed Race”, where the aim was to travel in a straight line without putting your feet down, and achieve the slowest time. This was by far the most popular part of the day, and the kids took the competition very seriously!

Thanks to the generosity of the Royal Bank of Scotland, we were able to award prizes



Happy kids!

to the slowest riders of two age groups (4-8 and 8-11) of £80 vouchers to be exchanged at Bicycle Magic in Whitechapel for new bikes. Other vouchers of £20, £15 and £10 were also handed out to the runners-up. At the end of the course, all the participants were given a rucksack full of goodies, which were kindly given to us by TfL. I would like to thank Citroen Whitechapel, Bike Magic and the Wapping and St Katherines Safer Neighbourhood team for their support and help during the day. Thanks also go out to Tom Lynch at the LAS for sending one of his Bike Paramedics, James, to assist us. The bike day was an unqualified success, and hopefully it can be repeated next year.



PC Louise Da Prato fits a helmet.

less than perfect, and many ideas have been floated to try and improve these relations, and I believe that the Bike Safety Day has gone a long way to doing this.

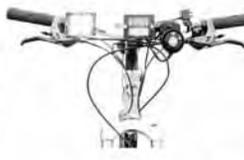


PCs Jayme Johnson and Louise Da Prato give the kids a lesson on road signs.

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IPMBA Board Openings Announcement

Three seats on the IPMBA Board of Directors will be up for election/re-election at the 2007 IPMBA Conference in Baton Rouge, Louisiana. This is the official notice for those who may be interested in serving on the IPMBA Board.

In order to be eligible to serve on the Board of Directors, you must hold current, active certification as an IPMBA Instructor.

According to the IPMBA By-Laws, Article 111, Section 5: Board Candidate, any qualified member can become a candidate for the Board of Directors by:

- a. Submitting a letter of interest to the Executive Director after the official notice and no later than 45 days prior to the first day of the Annual IPMBA Conference (last day to submit letter and resume will be March 5, 2007).
- b. A resume must accompany the letter of interest. If a resume is not submitted, the candidate's name will be deleted from the list of potential candidates.

If you are interested in serving on the IPMBA Board, you may submit your letter of interest and resume to the Executive Director at any time before March 5, 2007. Please email your letter of interest and resume to maureen@ipmba.org. You will be expected to address the board during its pre-conference meeting on Tuesday, April 10, 2007.

Did You Know?

The Greater Baton Rouge Port is second nationally in grain handling operations and is the farthest inland deep-water port of the Gulf of Mexico.

The oldest HMO in the nation was started in Baton Rouge in 1924 by Standard Oil (now Exxon).

The Louisiana State Capitol is the tallest in the nation at 34 stories and 450 feet high.

St. James Parish is the only area in the world where perique tobacco is grown.

The largest historically black university in the U.S. is Southern University in Baton Rouge.

The first public schools in Louisiana were established in Pointe Coupee Parish in 1808.

The Indian Mounds on the campus of Louisiana State University were constructed 450 years before the first Egyptian pyramid was built.

Tiger Stadium, also known as "Death Valley," has been the site of an actual earthquake. Thousands of cheering fans rocked the stadium so hard the movement was actually recorded on a Richter Scale.

The largest bald cypress in the nation is located in the Tunica Swamp in St. Francisville.

The Battle of Baton Rouge, fought in September 1779, was the only Revolutionary War battle fought outside of the original thirteen colonies.

Baton Rouge adopted a new flag in 2005. The background is a field of crimson representing the great Indian Nations that once inhabited the area, and the flag depicts symbols of past flags that have flown over the city: the Fleur d'Lis of France, the Castle of Spain, and the Striped Union Jack of Great Britain.

East Baton Rouge EMS will host the 17th Annual IPMBA Conference, April 14-21, 2007. Register Today!



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