World Masters Games and orienteering - a mutually beneficial relationship

By Barbro Rönnberg

very four years, thousands of people are drawn to one of the world's biggest multi-sports festivals, the World Masters Games. In 2002, these Games will be organised in Melbourne, Australia, and for the first time ever. the World Masters Orienteering Championships (WMOC) will be part of the Games programme.

The World Masters Games is owned and governed by the International Masters Games Association (IMGA), which is recognised by the International Olympic Committee and a member of the General Association of International Sports Federations (GAISF).

The IMGA is made up of 15 international federations who represent the core sports included in the Games. Orienteering is one of these core sports and the IOF President Sue Harvey is a member of the IMGA Board of Governors.

Inclusion of orienteering beneficial for both parties

- We can benefit in many ways from bringing the WMOC into the World Masters Games every fourth year, says Sue Harvey.
- It is a means of getting orienteering recognised as a mainstream sport with the intention, ultimately, of getting into the Olympic programme. It also provides our athletes with the opportunity to experience being part of an event of this size and scope, and it shows the public and other sportspeople the strength and breadth of orienteering as a sport for life.
- And last but not least, it is a way of raising the profile of the sport so that we can get sponsorship, funding and recruits. All of these are essential for the future of the sport world-wide. Put another way: with no money, and no recruits, there may not be orienteering

in 20 years' time, Sue Harvey contin-1165

- There are so many sports and leisure activities now, that it is vain to believe that recruits will just come to orienteering even if no-one has heard of the sport. Any activity must be known and seen to have a sporting chance of its intrinsic magic working to bring in recruits.
- One way of achieving this is to bring the WMOC into the World Masters Games. Equally, if we do not amalgamate the two, they will compete against each other. That would achieve the aims of neither.

Nature of the sport creates a challenge

- I believe the biggest challenges for us when we integrate orienteering with a multi-sport Games arise from two things, i.e. the nature of our sport (and our sportspeople), and the fact that orienteering is a non-stadium sport. Both the World Games and the World Masters Games are based on the use of existing facilities.
- In an arena sport, the stadium is a given factor. You may like, or not like, the 20 year old swimming pool on offer, but you must accept it. Officials and athletes have to adapt. Orienteers. on the other hand, have grown accustomed to doing things their way.
- We are not used to accommodating the ways of others. Meanwhile, sports event organisers are not used to having to create an arena in a forest. Patience and a willingness to learn will be needed from both sides.
- The nature of our sport also means that we are perfectionists and cornercutters. That is what the 'thought sport' is all about. Orienteers like to work out the best way of doing things and we like things 'right'. The nature of

our sport is to take the shortest route. We are intolerant of inefficiency.

- These qualities are one reason we have a high standard of event organisation. They also make it harder for us to integrate with others who do things differently or who are unable to understand the importance we may place on certain things.
- The majority of our federations have said the Olympics Games is a primary goal for the IOF. We must remember that we cannot expect to get into the Olympic programme if we cannot cope with fitting our event into a World Games or World Masters Games where requirements are more adaptable, and competition for slots is less intense.
- We cannot expect to receive the rewards of Olympic participation if we are not prepared to make the sacrifices necessary to fit our sport in.

We have to give to get

- We should remember the "we for them" approach and ask ourselves what a Games gets from including orienteering. If it is nothing, why would they want to put orienteering in?
- Certainly not for the gate money. For the World Masters Games, in particular, I think we have much to offer: a well attended masters event, with high standards of competition and fit competitors that can bring prestige to the Games and provide 5-10% of the total participants.
- The masters section of many sports is in its infancy. Our sport is one of the best developed at masters level. Our objective for 2002 must be to show this to the sporting world, Sue Harvey concludes.

Orienteering veterans in the spotlight at the 2002 World Masters Games

By PETER SEARLE

n line with the IOF policy to raise the public profile of orienteering through participation in multi-sport competitions, the World Masters Orienteering Championship (WMOC) in 2002 will be part of the World Masters Games based in Melbourne. Australia.

Although orienteering has been included in previous World Masters Games, this is the first time ever for a World Masters Orienteering Championships to be part of the programme.

Orienteering will share the spotlight with 28 other sports in what is the largest multi-sport competition in the world. It will be a great opportunity to showcase orienteering to both other sports and the general public.

The publicity generated by Australian Grant Bluett's win in the 2001 World Games in Japan was invaluable for both the IOF and Australian orienteering. Let's hope that some Australian veterans can achieve similar success in 2002!

Spectacular opening ceremony

It is anticipated that the WMOC competitors will make up ten percent of the total number marching into the Games opening ceremony at the Melbourne Cricket Ground on October 6.

The Cricket Ground was home to the 1956 Olympic Games and will also be the arena for the 2006 Commonwealth Games. It is a world-class venue that for more than 100 years has been home to many epic cricket and football matches.

The Opening Ceremony will be a golden opportunity for the orienteers, not only to catch up with friends from around the world, but also to highlight WMOC's major part in the Games and the fact that orienteering is a well developed and popular veteran sport.

Bendigo, 150 km north of Melbourne will be the event centre for the WMOC. The city was founded during the 'Gold Rush' era of the 1850's and has left a fabulous cultural and architectural heritage for visitors to enjoy.

As well as being the hub for the first WMOC in the World Masters Games. Bendigo was host city for the first World Orienteering Championships to be held outside Europe. We are hopeful that many orienteers who ran for their country in 1985 will return to compete as veterans in 2002.

The range of attractions in Bendigo and surrounding regions will ensure that visitors return home with many happy memories. There are many interesting wineries within easy reach of the city as well as fine food, art galleries and heritage buildings waiting to be discovered.

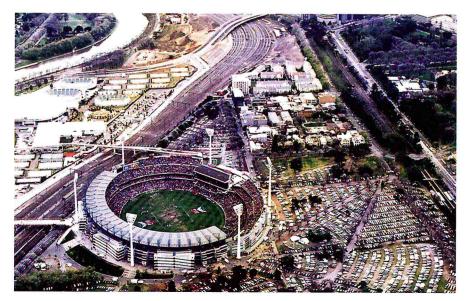
The accommodation available covers the full range of motel/hotel suites to cabins and camping sites all handy to the city centre. Further details on accommodation can be found on the World Masters Games website at www.2002worldmasters.org.

Distinctive Australian terrain

The 2002 WMOC event will combine two distinct terrain types, thus ensuring that only those orienteers who are versatile in both running and navigation will make it to the winners podium. The qualification races will be held on fast open spur-gully terrain at Glenluce, approximately 60 km from Bendigo.

The final will be decided on the complex granite terrain at Mt Kooyoora, an area that still retains the magic that so entranced WOC competitors 16 years ago. Two model events will be used so that all competitors get the chance to become familiar with both terrain types and mapping styles.

On the day after the WMOC 2002 final. the Victorian Championships will be held at Mt Kooyoora, and forms part of the 'Carnival Down Under' - a carnival of orienteering that begins on September 29 in outback South Australia, and finishes on the east coast of Tasmania on October 20. Over a three-week period visitors will have a unique opportunity to compete on distinctive Australian terrain in what will be a great orienteering experience.



The World Masters Games opening ceremony will be held at the famous Melbourne Cricket Ground. PHOTO: COURTESY: WORLD MASTERS GAMES 2002



The organisers of the 2002 WMOC hope that many of the elite orien-teers who ran in the 1985 World Championships will return to Bendigo next year to compete as veter-ans. The outstanding World Champion in the women's race, Swedish Annichen Kringstad, would naturally be particu-larly warmly welcomed.

PHOTO: KEITH SAMUELSON

From the Outback to the Edge of the World

By Peter Searle

n the week prior to the 2002 World Masters Orienteering Championships (WMOC), the Carnival Down Under begins with a week-long program of events in South Australia.

The carnival opens on September 29 with the South Australian Championships, to be held about 50 km from the state capital, Adelaide, and on the southern side of one of Australia's premier wine districts, the Barossa Valley.

The South Australian Championships will be a classic-style event in spurgully terrain with pine forest, some native forest, and areas of rock detail.

The Championships will be followed by a unique outback experience, as the carnival moves north to the Flinders Ranges, where all events will be in the shadow of Wilpena Pound, a stunning example of Australian rugged outback mountain ranges.

The razorback quartzite ridges form a spectacular backdrop to the competition area. The Flinders Ranges are arid with an average annual rainfall of 250–300 mm, and daytime temperatures during October of 20–25°C. Sunny days prevail, making the conditions ideal for orienteering.

Contrasting terrain

The Outback Challenge, Australian Relay Championships and Australian Individual Championships will all be held in testing but fast running terrain, with subtle spur-gully topography, cover of Australian native pine with some open areas.

The individual championships will be classic distance and the men's and women's elite class is an IOF ranking event.

The contrasting terrain in this week of events will provide an excellent preamble to WMOC in the following week.

Accommodation in the Barossa Valley is available in a range of categories, from motels, cottages and "Bed & Breakfasts", to camping grounds. For the Flinders Ranges it is possible to choose from motels, cottages and camping grounds.

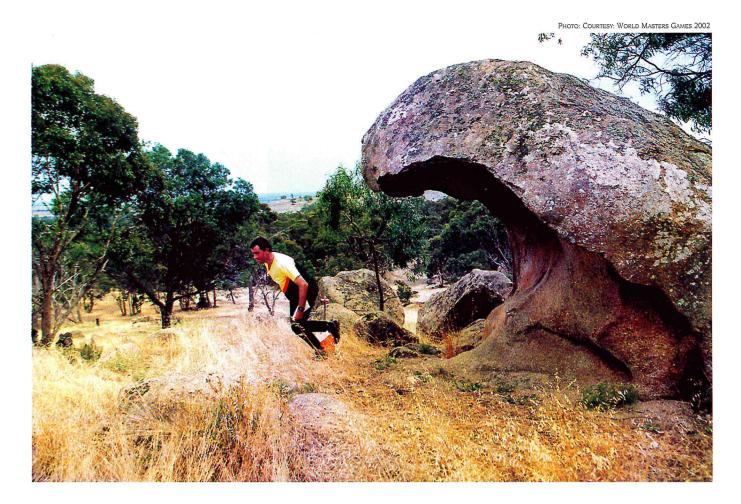
However motel accommodation in close proximity to the event site is limited. Detailed information on accommodation can be found at the website www.oasa.asn.au or the South Australian Tourist Commission website at www.southaustralia.com/accomodation.asp.

In the week following the WMOC, the Tasmanian Orienteering Carnival 2002 will be a relaxed and enjoyable finale to the three week Australian Carnival Down Under.

A three-day event commencing on Tuesday afternoon (October 15) will be followed by the Tasmanian Individual



Keith Samuelson



and Relay Championships. A variety of adventure and sight-seeing tours will be available on the rest day.

Many will remember Tasmania as the venue for the Veteran World Cup in 1992, the 3rd IOF masters competition and the first to be held outside Europe.

This third stage in the Carnival Down Under will revisit the region used in 1992.

The maps and terrain, praised for their outstanding quality, have stood the test of time, and are being field checked and redrawn on OCAD by the original Veteran World Cup mapper. A new area has also been added for the carnival.

Day two of the 3-day event will be modeled on the courses from the 1992 finals, using the magnificent tin mining erosion and granite terrain.

Many of the key organisers of the 1992 event are involved with this competition and are keen to welcome returning and new orienteers.

Welcome to the edge of the world

The St Helens region on Tasmania's east coast is highly regarded not only for its excellent orienteering opportunities but also the warm welcome extended to visitors.

Tours on offer for the rest day between the mid-week event and the Tasmanian Championships will take advantage of the varied attractions of this holiday region.

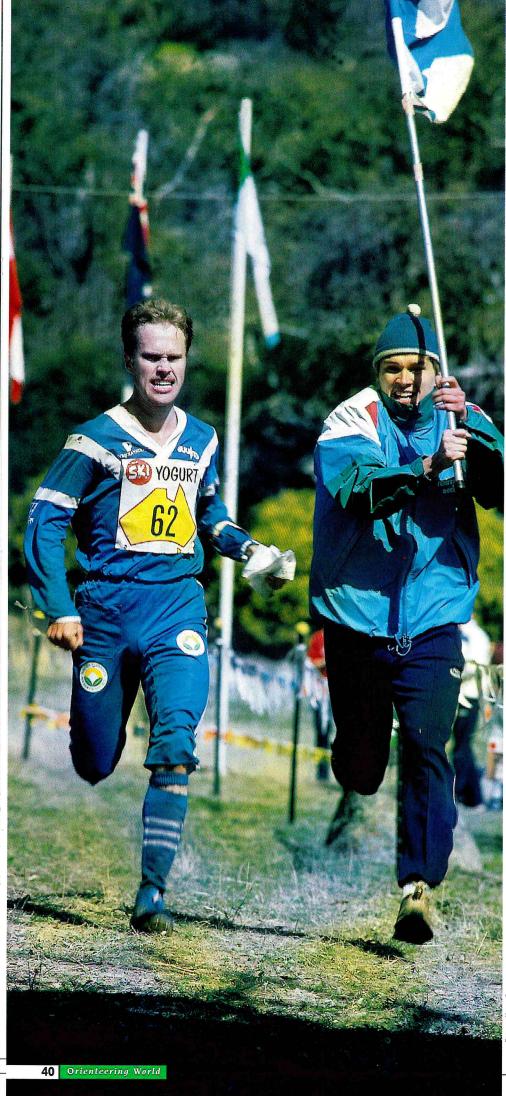
Among the activities available will be sailing, deep sea fishing, visits to the three national coastal parks in the region, aboriginal heritage and historical tours, bush walking, sea kayaking and visits to the gourmet food producers and wineries of the region.

The temperate island of Tasmania has vast and unique areas of wilderness protected by national parks and World Heritage areas for those who have the opportunity to extend their stay.

It has an extensive range of visitor accommodation and a wide variety of experiences from the rugged, sparsely-

populated rainforests of the West Coast to the white sands, aqua seas and dramatic coastline of the East Coast, in addition to historical villages and attractive-sized cities.

This compact island state provides a very different view of Australia – from the edge of the world. Further information on tourism and accommodation is available at www.tourism.tas.gov.au (Tasmania) or www.tasnortherneast.com.au (North East Tasmania).



Golden memories for Kari Sallinen

By Tommi Roimela

he next World Masters
Orienteering Championships will
be held in conjunction with the World
Masters Games in Australia. Bendigo,
the venue for the orienteering events,
will bring fond memories for at least
some of the master orienteers who will
be competing as the competition terrain will be identical to that used for
the World Orienteering
Championships in 1985.

Kari Sallinen, who was the first ever Finnish man to become world orienteering champion 16 years ago, has nothing but golden memories from Australia. Now, at the age of 41, he admits that it's tempting to think back to those days and the terrain around Bendigo.

– It would be really nice to go back and remember the crowning moment of my orienteering career. I've visited the country once since the World Championships. I think it was in 1988 when they had a World Cup event in Tasmania and I had a week's training camp in Australia, says Kari.

He remembers every meter of the race

Kari Sallinen achieved his best ever performance in Bendigo. In his present occupation as a sports journalist he is able to recall his dream race as though it was yesterday.

– I can still remember almost every meter of the race. I got it all nearly exactly right during the whole run but also felt a bit nervous because of the small mistake I made at the end, he relates.

Sallinen's win in 1985 was quite clear as Norwegian Tore Sagvolden finished second almost two minutes behind him. As one of the last competitors to

Рното: Кегт

start the race Sallinen could well have enjoyed his victory on the way from the last control to the finish line, but Finns at least have an image in their minds of him running flat out towards the finishing line with Pasi Raukko by his side carrying the Finnish flag.

- Of course I knew I was having a great run but it wasn't until crossing the finishing line that I realised I really had won the competition – and why would Pasi have been running there with me otherwise? says Kari as he recalls the golden moment of his orienteering career.

Short distance orienteering would have suited him too

Sallinen was known as a top-class competitor who seldom failed to perform in the most important races. Another big dream of his came true in 1987 when as the last leg runner he brought his team Hiidenkiertäjät home to win the famous Jukola relay.

- I never went to a competition to win. but always to run as well as I possibly could. That way I managed to avoid 'trying too hard', which is the problem for so many athletes, states Kari about his simple racing tactics.

He could have gained even more success if there had been several different distances at major championships when he was at his best. In Australia it was before short distance orienteering was introduced and there was only one individual race.

- Short distance would have been much more suitable for me. I was always technically fast, he adds.

Besides the great success during his top orienteering years, Kari has gained a lot from the sport. As an active top orienteer he spent quite an extraordinary life since he trained 'professionally' without getting any salary or financial support. He worked intermittently and took extra time to complete his technical studies in the timber industry. He believes devoting years to orienteering in this way paid off.

- I got to travel around the world and experience so many different things. I would never have had the chance to do that in any other way. If I hadn't won the World Championship it could have been easy to speculate whether it all was worth it. The top orienteering years have really been the best time of my life, says Kari Sallinen who finished his active career in 1989.

The top level is tougher nowadays

It is often debated whether the standard at top level orienteering has become better over the years. Sallinen believes that the speed he used to have at his best would also bring success today and he thinks that there has not actually been much progress among the current top athletes.

Kari mentions the example of Jörgen Mårtensson, a double world champion and a top orienteer of Sallinen's era, who still had success just a few years ago, though he himself said his best performances were in mid-80s.

- Nevertheless the standard at the top is much tougher nowadays. Orienteers are much more technically proficient than before. In my era even the best orienteers could make big mistakes and that's something you seldom see in today's top orienteering. The trend towards 1:10000 scale maps is also having some consequences too. Sometimes it seems as though top orienteers are being too precise in reading the map and are consequently concentrating too much on the small details instead of generalising and simplifying the orienteering, continues Kari.

Orienteering is striving to gain increased visibility. Efforts to re-profile the sport do not bother him but the basic values of the sport are something he definitely doesn't want people to forget.

- Naturally orienteers want classic orienteering in good terrain. However it should not preclude the new forms of orienteering, like park orienteering races, which can be a good means to acquaint people with our sport. However, I don't believe this kind of event should be the most visible part of the sport. The interest of the media will naturally focus on the races that are easiest to follow and to portray, comments Kari.
- But becoming more spectator-friendly is undoubtedly the tool to obtaining greater publicity for our "forest sport".

As a former World Championship Sallinen knows well how top orienteers are still a long way from becoming stars even though he remembers how his face become slightly more familiar to the general public in Finland after his win in Australia.

- Of course I wish orienteering could gain more respect, appreciation and visibility. The rapid development of technology will lead to a lot of new opportunities. The GPS system for example, which makes it possible to watch and follow the runners in the forest, definitively brings substantial extra value to our sport, concludes Kari Sallinen.

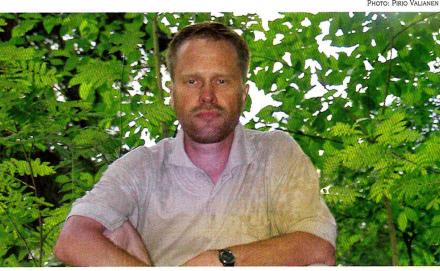
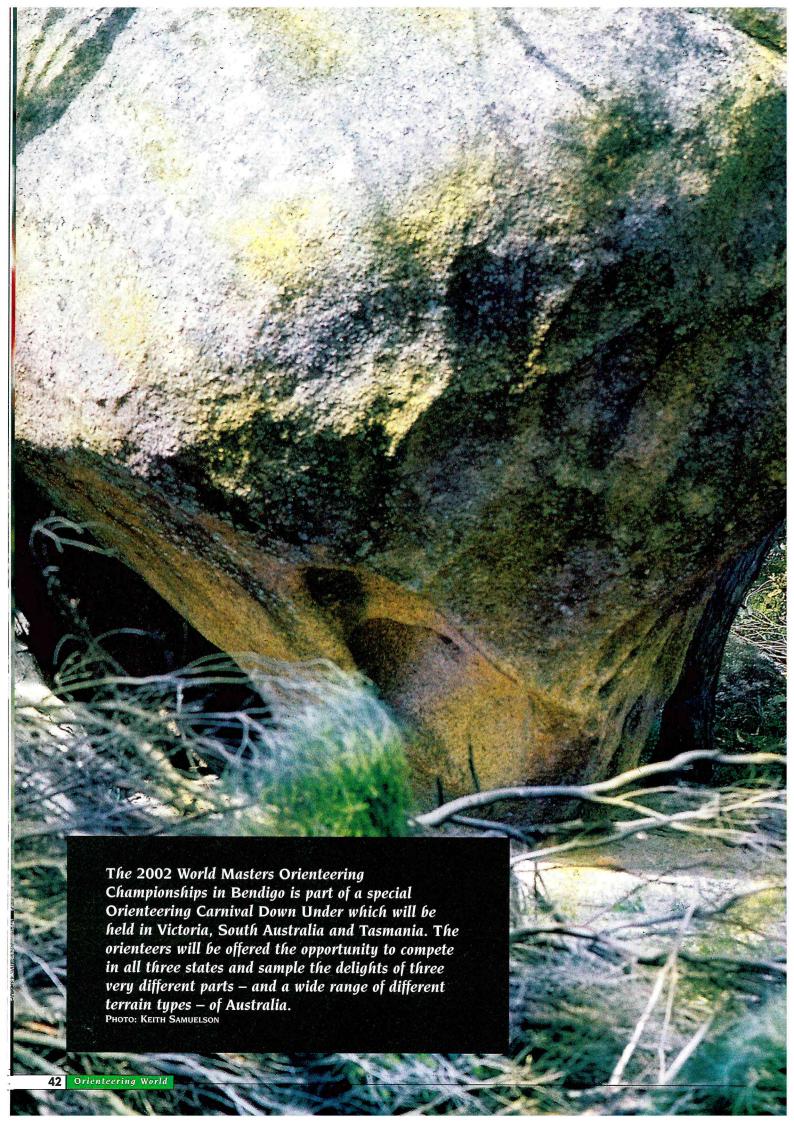


PHOTO: PIRJO VALIANEN



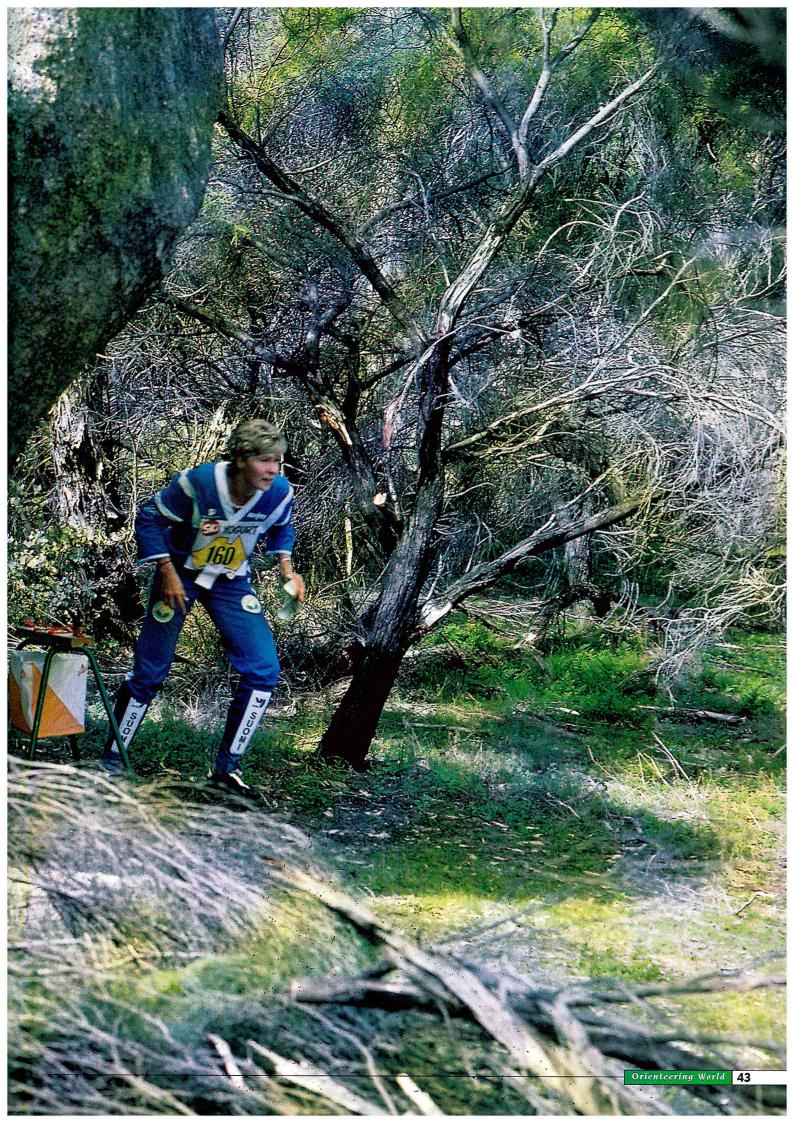




PHOTO: PIRJO VALJANEN

Orienteering has gone for increased visibility

WORLD CHAMPIONSHIPS AND WORLD CUP EVERY YEAR

By Barbro Rönnberg

he World Orienteering Championships (WOC) and World Cup in foot orienteering will be organised every year from 2004 onwards. That was the main decision taken by the national federations attending the Extraordinary General Assembly held in Tampere, Finland, in early August.

This decision concluded a development process spanning five years of discussion and decision-making (1996–2001) and involving three Ordinary and one Extraordinary General Assemblies. What are the main reasons behind this route choice? What is it meant to accomplish?

The main incentive for this new route choice is the need for increased media and sponsor interest. In today's world, visibility is the key word for any sport that wants to become internationally

recognised and successful.

The change in frequency of WOC and World Cups therefore is basically a matter of increasing the exposure of the sport, as increased visibility is a means of providing an opportunity to build up an image that can attract external attention.

External resources required for development

The money paid by participants is not enough to allow a sport to grow and develop fully. Money must come from outside the sport itself, principally from commercial partners and from local and national governments. There are lots of sports which want to attract external funding and there is tough competition for the money that is available.

To get the attention of the people with the money the sport has to be known, and the better known the better. Media coverage is a means to become known, to become visible.

In the past, only the World
Orienteering Championships have
managed to attract any wider exposure
of orienteering in the media, and this
fact has been seriously limiting the
possibilities to build up an image
capable of attracting new recruits,
media and sponsors.

As the image is very much a reflection of the sport's exposure in the media, the IOF has initiated a series of measures to increase the attractiveness of the individual events.

Continuity generates increased opportunities

The present provision of major orienteering events has evidently not been attractive enough to generate media

interest. Therefore, it was necessary to develop a new concept which would make orienteering more interesting without losing the essence of the sport.

The WOC is the flagship of the IOF and international orienteering, and the obvious peak of events in the year it is organised.

Providing exposure for the WOC, the most attractive orienteering event, more frequently will ensure that continuity can be achieved. Continuity assists in maintaining attention which, in turn, provides increased opportunities for sponsorship.

Furthermore, it is easier to create a higher profile for an annual WOC and to maintain this throughout the year in the media when it is accompanied by an annual World Cup series instead of being just a stand-alone event.

In this context it is important to remember that the value of an event is not only decided on internally by the sport itself, but primarily by external groups such as sponsors, spectators, fans etc., through the international media.

It is obvious that the appreciation of these external groups is connected with economic benefits - and not only for the IOF. Both the national orienteering federations and the world elite orienteers will have the opportunity to profit from the increased media orientation of the World Orienteering Championships and the World Cup events.

Standard programme with saleable titles

One of the principles of the changes to the world event programme is that the number of competition days for the top athletes should not normally exceed 20 days per season.

Also, for the participating elite orienteers, every race included in the programme will really count – either by itself, or as part of a series, or both.

There will also be a number of other new benefits attached to the programme, such as e.g. more saleable titles, which is of key interest to media and sponsors.

In future, the WOC and the World Cup will include four different discipline formats, three individual events and one relay, and the programme of races at each venue will always be the same. This is important for media and spectator understanding.

Each of the four discipline formats sprint, middle, long, and relay - is clearly distinguished by its technical and physical characteristics. The sprint race is a high-speed event with a winning time of 12-15 minutes.

The middle distance is a time-trial race of 30-35 minutes characterised by technically very demanding orienteering, and the long distance - 70-80 minutes for women and 90-100 minutes for men - is physically demanding.

The relay event is a thrilling, three-leg competition for national teams, and with a total winning time of 120 min-

The new programme will be introduced already at the next WOC to be held in Switzerland in 2003.

SportUp to market orienteering

Based on the strategic decision to organise annual World Championships and World Cup series, and with the aim of creating high quality, marketable events, the IOF has entered into a partnership contract with a professional sports marketing company.

The partner chosen is SportUp Finland Ltd., a company specialised in sports marketing at both national and international level. One of their most recent co-operation agreements concerned the marketing of the 2001 Universiade - the "Olympic Games" for 7,000 student athletes - recently held in Beijing, China. SportUp also worked with the Beijing Olympic Games bid committee and is the partner of the Finnish Olympic Committee.

The General Assembly decision to introduce a yearly WOC and World Cup meant that the orienteering community has now provided itself with the tools necessary to increase visibility of the sport. Having the tools will not, however, automatically provide the desired result. All the parties involved also need to make use of the tools. The route choice has been taken - now it's time to begin the implementation.

The decisions taken by the **Extraordinary IOF General Assembly**

HELD IN TAMPERE, FINLAND, ON 3 AUGUST 2001

The discipline formats at WOC and World Cup in foot orienteering

WOCs and World Cups in foot-orienteering shall be run in the following four discipline formats: sprint, middle, long and relay.

The frequency of WOC and World Cup in foot orienteering

WOC and World Cup in foot-orienteering shall be run annually. WOC will count as a World Cup round.

The introduction of the new calendar of world events

The WOC and World Cup will be run annually from the year 2004 onwards. Council shall appoint the organiser of WOC 2004.



The World Championships in Tampere introduced a new era for orienteering

By Nina Vanhatalo

The decision of Yleisradio, the Finnish Broadcasting Company, to broadcast the World Orienteering Championships in Tampere was warmly welcomed news, and even more appreciated after the competitions were over.

It can be concluded without any exaggeration that orienteering reached a whole new level of spectator-friendliness, no matter where one was, at home on the sofa or in the competition centres in the forest.

A large screen at the competition centres continuously showed live pictures from the forest.

There were some control points where TV cameras were able to transmit the progress of the race. The suspense at

the finish was much greater than just by hearing the split times from the speaker.

The broadcasting offered to the audience even more than just a short moment of punching at the control.

The spectators could follow the runner for a while, and at some controls one could easily see some orienteers looking for the control and others coming straight to the control.

The running time was displayed at the bottom of the screen to inform the spectators of the position of the runners.

 We were able to bring orienteering into the group of televised sports, even though the format of the sport is not that modern yet, said Kalevi Uusivuori, the producer of Yleisradio. With the format Uusivuori means for instance the length of the competitions. Their decision was to make an edited coverage from the beginning of the competition, but they also showed

the critical moments live.

The broadcasting of an orienteering event cannot succeed without a great deal of effort. The success of the Finnish Broadcasting Company was ensured with the aid of more than 20 cameras and the help of some cranes and link masts.

Introduction of GPS

In addition to the TV coverage the organisers promised a few years beforehand that the GPS Global Positioning System would be introduced at the 2001 WOC for the first

time in an orienteering competition. The promise was publicised far more widely than expected, and scepticism did increase but the organisers nevertheless succeeded in delivering what they had promised.

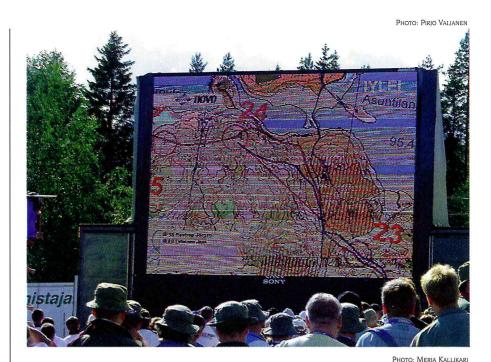
The tracking system provided the opportunity to show a piece of the map to the audience and the spectators could follow a particular orienteer's route choice on the map. It was in fact possible to show as many route choices as desired on the map. The experiment of using GPS in Tampere in the classic distance race was successful, even though the audience could only see a glimpse of it.

The decision to show the map with the route choices of the chosen orienteers was made by the Finnish Broadcasting Company, which did not in fact use the opportunity very often. Still, it does not mean that the experiment was a failure.

The tracking system was a co-operation of Novo, Benefon, Sonera and the World Championships organising committee. Novo, a Finnish IT company, provided the system, mTrack, which had originally been developed for vehicle monitoring.

Benefon supplied the tool, a Benefon Track cellular phone, which sent information on the location of the orienteer every 20-30 seconds. The information came as a short message service (SMS) via the GPS satellites and ground stations to the servers supplied by the Finnish Telecommunication Operator Sonera.

- As Geographical Information Systems (GIS) form an increasing part of Novo's business operations, we considered that the World Orienteering Championships would be a natural arena for demonstrating Finnish leading-edge expertise in the field of mobile information technology.
- In this way, we also wanted to support the successful and spectatorfriendly World Championships, stated Jorma Kielenniva, President and CEO of Novo Group Plc.







Tampere hosted an historical World Championships

By Nina Vanhatalo

world Championships in 2001, was not a very polite host. The Finns also wanted to be the best country in terms of results, and they were – by eight medals – though they did not win all the medals. The gold medals are always hard to win, and this was the case for Finland too, and the Finns had to wait until the relay day before they won their first championship title.

The week began with the sprint race – a distance that was being introduced for the first time at World Championship level and the orienteers gave rather vague answers when asked about their expectations. No one really knew what to expect. In the name of fairness, because the race was run in terrain very close to the city of Tampere, all the runners had the chance to get to know the terrain for three hours on the previous day.

The home terrain was obviously not too familiar to the Finns, because the Swiss women and Swedish men proved to be even stronger. The first ever World Champions in the sprint race were Swiss Vroni König-Salmi and Swede Jimmy Birklin. König-Salmi's team-mate Simone Luder took bronze, and so did Birklin's team mate in the men's class: Jörgen Olsson. The first ever silver medals in the sprint race though stayed in Finland with Johanna Asklöf in the women's class and Pasi Ikonen in the men's class.

In the classic distance the Norwegian surprise World Short Distance
Champion in Scotland 1999, Jörgen
Rostrup, lived up to the pressure after winning the Nordic classic title earlier in the season and became the new
World Champion in the distance which is still considered to be the royal distance of the sport. He was joined on the podium Jani Lakanen of Finland

and Norwegian Carl-Henrik Bjørseth, the silver medallist from the same distance two years earlier.

In the women's class Swiss Simone Luder proved to be the best on the day and confirmed her good form this season, even though she faced tough competition over the 9.7 km course. The silver medallist, Marika Mikkola of Finland, only lost by three seconds. Another Finn, Reeta-Mari Kolkkala took bronze.

Finnish men and their historical race

The relay day was a day of triumph for the Finns. After 35 years and 19 World Championships the Finnish men finally received their first ever gold medal in the relay.

And the patriotic crowd were of course delighted and celebrated along with their victorious team. Norway took silver and the Czech Republic a

somewhat surprising bronze medal. Finland dominated from the start in the women's race.

The silver medal was only decided after a very tight and dramatic sprint to the finish line between the Swedes and the Norwegians.

The Swedish anchor runner, Gunilla Svärd, was adjudged the winner by centimetres in front of Hanne Staff.

The short distance final was held on the concluding day of the Championships and as in Scotland two years before saw a new young champion in the shape of 21-year old Finn Pasi Ikonen.

He was the ahead of two Norwegians, Tore Sandvik and defending champion Jörgen Rostrup. In the women's class Norwegian Hanne Staff won with two Swedes, Jenny Johansson and Gunilla Svärd joining her on the podium.



It took 35 years and 19 World Championships for the Finnish men to win their first gold medal in the relay.

PHOTO: NINA VANHATALO

MTB Orienteering World Cup in Tampere

By Colin Palmer

ountain biking in Finland you've got to be joking, was the standard reaction when this round of the 2001 World Cup in MTB Orienteering was first announced.

Despite the inaccurate accusation that the Finnish landscape could only offer lakes, flat terrain and forests, there was little doubt that the Finnish organisers made the best use of the hills around Tampere to ensure that all competitors were sufficiently challenged by both climbs and descents. Although the courses and winning times were shorter than is the norm, it was felt that this was a small penalty compared to the undoubted benefit of being part of a major world event.

The combination of the World Championships in Foot Orienteering and the MTB Orienteering World Cup certainly worked extremely well, and if there were any problems in the background, then the organisers overcame them with a professional ease. This is a formula which is well worth repeating, providing, as it does, for the two orienteering communities to mix both competitively and socially.

The first competition was a traditional classic-style event which utilised a wooded ridge near Ylojarvi to the west of Tampere. The 1:10.000 map was impressively accurate and worked well, with navigational skills stretched by the abundance of tracks and trails, and penalties of severe height loss imposed by any map reading errors.

Some 17 countries were represented in the competition, including welcome newcomers from Australia, New Zealand and Denmark. Six of these nationalities featured in the first twelve positions in the men's race, an indication of how the competition has changed from the days of dominance by France and the Czech Republic during the latter years of the last



The MTB orienteering World Cup events held in Tampere proved to be more challenging than expected. Estonian Kristjan Gans shows his style. PHOTO: PIRIO VALIANEN

century. With five Finnish riders also featuring in the first 12, this confirmed the form shown by the Finns in the last of the 2000 events in Slovakia.

A similar story emerged in the women's race, with the previously invincible Antje Bornhak also finding herself coming second to some strong Finnish competition, with no less than five of the six-member Finnish team figuring in the first eight on the leader board.

On Wednesday the competition moved to Kauppi, which had been the venue for the World Championship in sprint orienteering. The map was certainly

compact, and this was reflected by some very fast winning times, which also confirmed the dominance of the home team

It was delightful to note the tolerance of the local population as they walked with their families apparently totally unconcerned by the rapid passage of lycra-clad bodies. Indeed the total acceptance of cycling as a sport, recreation and mode of transport by the Finnish population will remain an abiding memory for most visitors and the organisers certainly provided the participants with a thoroughly efficient and enjoyable competition.

Lena Hasselström only lacks one gold medal

By Erik Borg

ena Hasselström still lacks an individual World Championships gold medal. This winter she will have three new chances to complete her trophy collection as the championship programme has been extended to include the sprint distance.

For the last couple of years Lena has been the world's best female ski orienteer, but this did not help her to win gold at the World Championships in Krasnojarsk two years ago. She did though only just miss out and won two silver medals - in the short distance and relay races - but she was not in the same form as she had been earlier in the season. Back problems were a contributory factor which meant that she was not able to show what she was good for. Last year her back also prevented her participation in the final race during the European Championships, but she had managed to win two individual gold medals prior to this.

Illness and injuries seem to be Lena's toughest opposition. Over the last two seasons she has clearly shown herself to be the best in the world when she has been at the tope of her form. Prior to the forthcoming season she has not increased her training, but she has competed in o-races more often, which can only have raised her technical ability still more. The big question is how much better her relatively younger competitors have become compared with last season.

Tatiana Vlasova won the European Championships when Lena was not able to take part. Another strong Russian girl is Natalya Tomilova who was number four in the World Cup last year. Stine Hjemstad Kirkevik of Norway finished third in the World Cup, while Hanna Kosonen is the Finn's strongest card. All these girls are in their early or mid-20s and will undoubtedly have

developed since last season, but there will probably still be a gap to Lena Hasselström at her very best.

– My goal remains to win an individual World Championships gold medal. If my form on the day is good then the distance will not be important. I believe that I am able to handle all the distances, says Lena.

Prior to this season the 29 year old already has a relay gold medal from 1994, plus five silver and one bronze individual medals from the World Championships. Maybe it's time for an individual gold medal?

One girl who is not sure whether she will concentrate on cross-country skiing, ski orienteering or her studies this winter is Liisa Anttila from Finland. She is the only woman besides Arja Hannus of Sweden to become world relay champion at both ski orienteering and orienteering.

Liisa is a very good cross-country skier and will be hot medal candidate if she decides to go for the World Championships in Bulgaria. In Krasnojarsk, she won the relay for Finland with a decisive last leg, a bronze medal at the short distance and a silver medal in the long distance race.

Young and old

There is much more of a mix of young and old at the top of the men's class. Nor is there one single skier who stands out like Lena Hasselström does among the women. Last year Matti Keskinarkaus of Finland won both the European Championships and the World Cup. He is tipped to continue his success and win the World Championship gold medal in Bulgaria.

Jukka Lanki is another Finn who will in all probability also be involved in the



Lena Hasselström still lacks an individual World Championships gold medal. This winter she is expected to complete her trophy collection. PHOTO: ERIK BORG

fight for the gold medal. Russian Edourd Khrennikov is perhaps the fastest skier in ski orienteering, but so far he has not won an individual championship gold medal.

Eivind Tonna of Norway broke through last season with both a European Championship medal and an overall sixth place in the World Cup and would really like to win gold this winter. Bertil Nordqvist is Sweden's main hope. He has competed at the highest international level for many years, and is very experienced and is also longing for his first individual international gold medal.

Peter Mosimann from Switzerland performed very well last year. If he manages to climb a step higher this season, he will also be a name to contend with in the battle for the medals.

Nerjus Sylkus won a World Championship medal four years ago, and Czech Jakob Vodrazka is also a man who can finish on the podium. It would be positive for ski orienteering if the medallists included competitors from countries other than the four established nations of Finland, Russia, Sweden and Norway.

The World Championships will take place in Bulgaria at the end of February / beginning of March. The newly-created Nordic World Ranking race series will be organised before the start of the new year with competitions in Finland, Norway and Sweden, with SEK 30 000 (approx. 3 500 EUR) at stake for the winners. The series is open to all ski orienteers, and the last race in Sweden will also be the Nordic Championships.

Another win for Sue Boyt

By BRIAN PARKER

t the Trail Orienteering World Cup competition held in Tampere, Finland, this summer in conjunction with the World Orienteering Championships, Sue Boyt (GBR) was the outright winner, beating all comers in this testing sport of map reading and terrain recognition. This is not the first time Sue has had success at this level, she also won the World Cup competition in Scotland in 1999.

The event represented a coming of age for trail orienteering. This particular discipline was developed especially for mobility-impaired orienteers and is a form of orienteering which has the athletic physical element removed. The competitors stay on the tracks (trails) and view clusters of control flags in the terrain, their task is to judge which flag corresponds to the feature circled on the map. At international level this requires very considerable skills.

Participation on equal terms

Although designed originally for disabled competitors, trail orienteering can be participated in by all and is one of the very few sports where disabled



Sue Boyt examining all her trophies from her victories at the Trail O World Cup. - Where do I put them all?, she said. PHOTO: BRIAN PALMER

and able-bodied, young and old, male and female can compete with one another on equal terms. The IOF Congress in Leibnitz last year recognised the opportunities this gives for disabled entrants to challenge the world at large and decided that, henceforth, the champion trail orienteer should be decided in open class

competition, with a paralympic class as a sub-set of the open class results.

This decision was well rewarded at Tampere. The competitors demonstrated skills of the highest level in analysing the problems on Hannu Niemi's expertly planned courses. Foremost amongst these were the disabled entrants who provided the winner and took six of the top ten places in the Open Class. Competition for outright winner was desperately close but Sue just prevailed, one point ahead of Seppo Tahvanainen (FIN) and Bernt Gustafsson (SWE).

Sue was once an active foot orienteer but is no longer able to run and has difficulty with walking, but can get round a trail orienteering course on a bicycle. As well as being the outright winner against all comers, she also took the paralympic class trophy. Her trophy tally also included team awards as she was well supported by her GBR team mates. This collection made for some problems in terms of luggage when checking in at the airport!



In trail orienteering the competitors have to view clusters of flags and judge which flag corresponds to the feature circled on the map.

PHOTO: NINA VANHATALO

Indonesia and Turkey new IOF members

At its recent meeting in Helsinki, Finland the IOF Council provisionally approved the application for associate membership from Turkey. Earlier this year, Council had granted Indonesia membership of the IOF.

The decisions are to be ratified by the 2002 IOF General Assembly to be held in Fontainebleau, France. Indonesia and Turkey included, the international orienteering family now counts 60 members.

The number of members has been growing steadily since the IOF was founded by 10 members in 1961. The growth has been particularly significant in the last ten-year period, the number having increased from 32 in 1990 to 60 by the end of October 2001.

Annual World Championships from 2004 onwards

The Extraordinary IOF General Assembly held in conjunction with the World Orienteering Championships (WOC) in Tampere, Finland decided to introduce annual WOCs and World Cups from 2004 onwards, and to authorise Council to appoint the 2004 WOC organiser.

Following this decision, Council determined that a call for applications to host the 2004 WOC be sent out to all federations immediately, and the application deadline is set to 30 September. The organiser will then be appointed by the end of October.

In accordance with decisions previously taken, the 2003 WOC will be organised in Switzerland, and Japan has already been awarded the 2005 WOC.

The WOC organisers for 2006 and 2007 shall be appointed by the 2002 General Assembly.

Negative doping tests at the World Championships

The results of all the 28 anti-doping tests carried out at the World Championships held in Tampere, Finland in early August, were negative.

– Orienteering is a physically extremely demanding sport requiring a very high degree of fitness and endurance, so it is good to know that our athletes achieve this level of performance without resorting to banned substances, says Sue Harvey, the President of the IOF.

Last year, the IOF revised its Anti-Doping Code to conform to the new IOC Code. In the context of these regulations a number of new procedures at the practical level were introduced at this year's World Championships.

– On a policy level, the IOF is committed to ensuring a doping-free environment for our athletes. We have recently agreed with WADA to be part of their out-of-competition testing programme, and the contract to this effect will be signed shortly, Sue Harvey continues.



WOC 2001 - an environmentally friendly event

The positive progress in the protection of the environment at the Sydney Olympics inspired the organisers of the 2001 WOC to set the target of arranging the most environmentally-friendly sports event in 2001.

To achieve this target, the WOC 2001 Environmental Programme was developed and implemented in co-operation with the World Wide Fund for Nature (WWF) and other important interest groups, such as land owners, hunters, environmental campaigning groups, authorities and subcontractors. The locations of sensitive flora and fauna in the terrain as well as areas important to the land owners were looked into well in advance before the course planning was carried out.

The ecological footprint of the event was reduced to the smallest possible not only in the natural environment – the competition terrain – but also terms of the organisation of the competition centres, accommodation facilities and transportation.

Peter Tallberg, a member of the International Olympic Committee, said in his message to the organisers:

"The IOC greets with pleasure the WOC 2001 Environmental Programme and hopes that it will be successfully implemented. The example of the games in Tampere will encourage the sporting world to share the responsibility of preserving the clean, attractive environment rich in biodiversity — which is vital to all of us."

The success of the environmental programme was assessed by an independent audit group. The final report will also include a material flow analysis of the games.

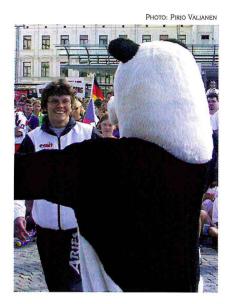
Junior World Championships awarded

The IOF Council has appointed Switzerland organiser of the 2005 Junior World Orienteering Championships (JWOC). The 2002 JWOC will be held in Spain. Estonia will be hosting the JWOC in 2003, and the 2004 edition of the event has been awarded to Russia.

Fair play reward

At the Jukola relay, the German orienteer Frauke Gran-Schmitt showed true fair spirit by interrupting her own run to give first aid to an injured fellow runner.

In conjunction with the World Orienteering Championships opening ceremony, Frauke was presented with the IOF bronze pin of honour in recognition of her good deed. She got loud applause from the crowd and a warm hug of congratulation from the World Wild Life Fund panda.





Foot **Orienteering** 2002:

WORLD CUP

Round 1:

1-9 June, Chiny/Arlon, BEL & Lausanne/Fribourg, SUI

Round 2:

30 June-7 July, Røros, NOR & Idre, SWE

Round 3:

25 September-5 October, Sümeg, HUN (also European Championships) & Brno, CZE

IUNIOR WORLD CHAMPIONSHIPS 8-13 July. Villena (Alicante), ESP

WORLD MASTERS CHAMPIONSHIPS 6-11 October. Melbourne/Bendigo, AUS

2003:

JUNIOR WORLD CHAMPIONSHIPS 7-12 July, Põlva, EST

WORLD MASTERS CHAMPIONSHIPS 13-17 July, Halden, NOR

WORLD CHAMPIONSHIPS 3 -9 August, Rapperswil/Jona, SUI



Mountain **Bike Orienteering** 2002:

WORLD CHAMPIONSHIPS 1-7 July, Fontainebleau, FRA



Ski **Orienteering** 2002:

WORLD CHAMPIONSHIPS 25 February-3 March, Borovetz, BUL

JUNIOR WORLD CHAMPIONSHIPS 28 January-3 February, Jablonec nad Nisou/Harrachov, CZE

WORLD MASTERS CHAMPIONSHIPS 29 January-3 February, Jablonec nad Nisou/Harrachov, CZE

MEETINGS

IOF Congress and General Assembly

1-7 July 2002. Fontainebleau, FRA

Presidents' Conference

In conjunction with the 2003 World Orienteering Championships in Rapperswil/Jona, SUI

IOF Council

12-14 October 2001, Helsinki, FIN 11-13 January 2002, venue to be confirmed 5-7 April 2002, venue to be confirmed 1-7 July, in conjunction with the IOF Congress, Fontainebleau, FRA

World Orienteering Championships 2001

TAMPERE, FINLAND JULY 26-AUGUST 4, 2001

Sprint

Men

1) Jimmy Birklin SWE 10.55,9 2) Pasi Ikonen FIN 11.06,13) Jörgen Olsson SWE 11.09,7 4) Juha Peltola FIN 11.10,1 5) Jamie Stevenson GBR 11.18,06) Mikhail Mamleev RUS 11.19.8 7) Kietil Björlo NOR 11.20,78) Petteri Laitinen FIN 11.23.6 9) Rudolf Ropek CZE 11.27,7 10) Marian Davidik SVK 11.31,6 11) Grant Bluett AUS 11.32,2 12) Carsten Jörgensen DEN 11.33,113) Thierry Gueorgiou FRA 11.33.3 14) Tore Sandvik NOR 11.36,6 15) Yuri Omeltchenko UKR 11.36.8 16) Allan Mogensen DEN 11.37,4 17) Thomas Buehrer SUI 11.40,7 18) Matthias Gilgien SUI 11.41,5 19) Jörgen Rostrup NOR 11.44.5 20) Håkan Eriksson SWE 11.45,8.

Women

1) Vroni König-Salmi SUI 10.54,9 2) Johanna Asklöf FIN 11.00,5 3) Simone Luder SUI 11.01,9 4) Jenny Johansson SWE 11.05,45) Reeta Kolkkala FIN11.09,5 6) Marie Luce Romanens SUI 11.19,7 7) Hanne Staff NOR 11.28,9 8) Gunilla Svärd SWE 11.34,9 9) Liisa Anttila FIN 11.39,6 10) Lucie Böhm AUT 11.43,9 11) Linda Antonsen NOR 11.50,0 12) Birgitte Husebye NOR 11.52,2 13) Sarah Rollins GBR 11.52,4 14) Zuzana Macuchova CZE 11.54,9 15) Natasha Key AUS 11.57,7 16) Külli Kaljus EST 12.00,3 17) Karin Schmalfeld GER 12.06,6 18) Dorthe Skovlyst DEN 12.07,8 19) Hannah Wootton GBR 12.12,9 20) Zsuzsa Fey ROM 12.17.8.

Classic distance

Men

1) Jörgen Rostrup NOR 1.29.43 2) Jani Lakanen FIN 1.30.17 3) Carl Henrik Björseth NOR 1.31.58 4) Björnar Valstad NOR 1.32.52 5) Fredrik Löwegren SWE 1.33.18 6) Janne Salmi FIN 1.33.50 7) Valentin Novikov RUS 1.33.59 8) Thomas Buehrer SUI 1.34.13 9) Mats Haldin FIN 1.34.48 10) Jarkko Huovila FIN 1.35.23 11) Bernt

Björnsgaard NOR 1.36.10 12) Övstein Kristiansen NOR 1.37.05 13) Robert Banach POL 1.37.22 14) Alexei Pavilaynen RUS 1.37.45 15) Christoph Plattner SUI 1.38.18 16) Donatus Schnyder SUI 1.39.23 17) Grant Bluett AUS 1.39.25 18) Stephen Palmer GBR 1.39.29 19) Thomas Asp SWE 1.39.49 20) Troy de Haas AUS 1.39.51.

1) Simone Luder SUI 1.14.57 2) Marika Mikkola FIN 1.15.00 3) Reeta Kolkkala FIN 1.15.43 4) Anette Granstedt SWE 1.16.17 5) Johanna Asklöf FIN 1.16.23 6) Hanne Staff NOR 1.17.07 7) Liisa Anttila FIN 1.17.28 8) Katarina Allberg SWE 1.18.18 9) Cecilia Nilsson SWE 1.18.30 10) Vroni König-Salmi SUI 1.20.14 11) Yvette Baker GBR 1.20.57 12) Sabrina Meister SUI 1.21.40 13) Karin Schmalfeld GER 1.21.59 14) Birgitte Husebye NOR 1.22.12 15) Heather Monro GBR 1.22.39 16) Elisabeth Ingvaldsen NOR 1.22.50 17) Karina Nordrum NOR 1.23.20 18) Katalin Olah HUN 1.24.03 18) Kirsi Boström FIN 1.24.03 20) Tatiana Pereliaeva RUS 1.24.27.

Short distance

Men

1) Pasi Ikonen FIN 23.41 2) Tore Sandvik NOR 24.02 3) Jörgen Rostrup NOR 24.15 4) Jani Lakanen FIN 24.42 5) Juha Peltola FIN 24.53 6) Mats Troeng SWE 25.05 7) Carsten Jörgensen DEN 25.07 8) Carl Henrik Björseth NOR 25.08 9) Kjetil Björlo NOR 25.16 10) Janne Salmi FIN 25.29 11) Thomas Buehrer SUI 25.34 12) Robert Banach POL 5.38 13) Marius Mazulis LTU 25.48 14) Matthias Gilgien SUI 26.16 15) Valentin Novikov RUS 26.17 16) Håkan Eriksson SWE 26.21 17) Jörgen Olsson SWE 26.27 18) Vladimir Lucan CZE 26.30 18) Thierry Gueorgiou FRA 26.30 20) Urs Altorfer SUI 26.33.

Women

1) Hanne Staff NOR 25.41 2) Jenny Johansson SWE 25.54 3) Gunilla Svärd SWE25.58 4) Simone Luder SUI 26.27 5) Reeta Kolkkala FIN 26.33 6) Johanna Asklöf FIN 26.41 7) Anniina Paronen FIN 26.43 8) Vroni König-Salmi SUI 27.08 9) Karin Schmalfeld GER 27.12 10) Frauke Schmitt-Gran GER 27.13 11) Karina Nordrum NOR 27.18 12) Tatiana Pereliaeva RUS 27.24 13) Külli Kaljus EST 28.05 13) Kaethi Widler SUI 28.05 15) Eva Jurenikova CZE 28.07 16) Maria Sandström SWE 28.25 17) Heather Monro GBR 28.27 18) Lucie Böhm AUT 28.43 19) Annika Viilo FIN 28.59 20) Anu Annus EST 29.07.

Relay

Men

1) Finland 2.48.53 (Lakanen Jani, Huovila Iarkko, Peltola Iuha, Salmi Janne) 2) Norway 2.50.59 (Björnsgaard Bernt, Biörseth Carl Henrik, Sandvik Tore, Valstad Björnar) 3) Czech Republic 2.52.25 (Horacek Michal, Jedlicka Michal, Novotny Radek, Ropek Rudolf) 4) Russia 2.52.56 5) Switzerland 2.54.28 6) Australia 2.58.02 7) Lithuania 3.00.57 8) Great Britain 3.01.27 9) Estonia 3.07.03 10) Latvia 3.07.17 11) France 3.12.00 12) Poland 3.14.37 13) Slovakia 3.14.43 14) Ukraine 3.16.48 15) Hungary 3.17.32.

Women

1) Finland 2.37.01 (Kolkkala Reeta, Anttila Liisa, Mikkola Marika, Asklöf Johanna) 2) Sweden 2.41.00 (Allberg Katarina, Johansson Jenny, Nilsson Cecilia, Svärd Gunilla) 3) Norway 2.41.00 (Husebye Birgitte, Antonsen Linda, Ingvaldsen Elisabeth, Staff Hanne) 4) Switzerland 2.43.22 5) Great Britain 2.50.51 6) Germany 2.51.47 7) Czech Republic 2.52.48 8) Estonia 2.52.54 9) Denmark 3.02.16 10) Russia 3.02.45 11) Australia 3.08.19 12) Austria 3.13.34 13) Slovakia 3.18.56 14) Hungary 3.19.18 15) Ukraine 3.19.29.

World **Games 2001**

AKITA, JAPAN, AUGUST 18 - 19, 2001

Individual Race

Men:

1) Grant Bluett AUS 31.00.4, 2) Tore Sandvik NOR 31.38.3, 3) Jamie Stevenson GBR 31.42.9. 4) Niclas Jonasson SWE 31.49.7, 5) Pavel Naumov RUS 33.17.7, 6) Carsten Jørgensen DEN 33.36.4, 7) Emil Wingstedt SWE 33.41.9. 8) Jarkko Huovila FIN 33.43.4, 9) Vladimir Lucan CZE 33.58.8, 10) Juha Peltola FIN 34.11.3, 11) Edgaras Voveris LTU 34.31.8, 12) Mats Haldin FIN 35.19.8, 13) Janusz Porzycz POL 35.52.0,

14) Robert Banach POL 35.57.7, 15) Matthias Niggli SUI 36.26.2. 16) Evgeny Gavrilov RUS 36.33.8, 17) Carl Bjorseth NOR 37.06.9, 18) Olle Karner EST 37.08.1, 19) Robert Walter AUS 37.44.0, 20) Michal Jedlicka CZE 37.48.1.

Women.

1) Hanne Staff NOR 33.38.3, 2) Anette Granstedt SWE 34.07.8. 3) Birgitte Husebye NOR 34.20.9, 4) Giedre Voveriene LTU 35.34.2, 5) Simone Luder SUI 36.17.6, 6) Katalin Olah HUN 36.20.3. 7) Elisabeth Ingvaldsen NOR 37.18.3, 8) Jenny James GBR 38.16.0, 9) Vilma Rudzenskaite LTU 38.33.6, 10) Reeta-Mari Kolkkala FIN 39.28.3, 11) Jenny Johansson SWE 39.54.9, 12) Johanna Asklöf FINL 40.09.4, 13) Joanne Allison AUS 40.18.3. 14) Nina Vinnytska UKR 40.35.1, 15) Brigitte Wolf SUI

40.53.0, 16) Elo Saue EST 41.21.9, 17) Anna Gornicka-Antonowicz POL 41.36.8. 18) Nataliya Potopalska UKR 1.41.1, 19) Heather Monro GBR 42.11.9, 20) Bohdana Terova CZE 42.32.4.

Mixed-team relay

1) Norway (Bjørnar Valstad, Hanne Staff, Tore Sandvik, Birgitte Husebye) 96.34.6, 2) Lithuania (Svajunas Ambrazas, Vilma Rudzenskaite, Edgaras Voveris, Giedre Voveriene) 97.00.8, 3) Sweden (Emil Wingstedt, Anette Granstedt, Niclas Jonasson, Jenny Johansson) 98.07.4, 4) Poland 98.11.2, 5) Australia 98.22.3, 6) Great Britain 99.40.2. 7) Switzerland 102.40.7, 8) Finland 102.55.5, 9) France 107.11.9, 10) Germany 108.40.5, 11) Estonia 108.52.6, 12) Czech Republic 109.02.7, 13) Russia 112.47.2, 14) Denmark 117.02.1, 15) Japan 142.15.6.

Junior World Championships in Orienteering 2001

MISKOLC, HUNGARY, JULY 9-15, 2001

Classic Distance

Women

1) Dana Brozkova CZE 57.35 2) Pinja Satri FIN 58.05 3) Daria Smolik RUS 58.28 4) Michaela Przyczkova CZE 58.38 5) Martina Fritschy SUI 59.09 6) Vendula Klechova CZE 59.28 7) Ieva Sargautyte LTU 59.48 8) Iana Ferchalova RUS 59.59 9) Kajsa Nilsson SWE 60.00 10) Anna Lampinen SWE 60.13.

1) Andrei Khramov RUS 65.19 2) Marten Boström FIN 66.06 3) Michal Smola CZE 66.10 4) Dominik Koch SUI 68.08 5) Vasile Ciprian Popa ROM 68.12 6) Bence Sprok HUN 69.08 7) Tuomas Tervo FIN 69.36 8) Stig Alvestad NOR 69.42 9) Erik Andersson SWE 69.51 10) Lukás Bartak SVK 70.45 10) Egor Kostylev RUS 70.45.

Short

Women

1) Minna Kauppi FIN 24.33 2) Ieva Sargautyte LTU 25.37 3) Kajsa Nilsson SWE 25.54 4) Lena Eliasson SWE 27.12 5) Signe Soes DEN 28.04 6) Martina Fritschy SUI 28.19 7) Vendula Klechova CZE 28.28 8) Indre Valaite LTU 28.34 9) Daria Smolik RUS 28.2 10) Iva Rufferova CZE 29.7.

Men

1) Marius Bjugan NOR 27.08 2) Jan Troeng SWE 27.18 3) Michal Smola CZE 27.20 4) Bence Sprok HUN 27.34 5) Daniel Hubmann SUI 27.38 6) Lukas Ebneter SUI 27.39 7) Stig Alvestad NOR 27.42 8) David Andresson SWE 28.13 9) Johan Höij SWE 28.35 10) Nicolas Girsch FRA 28.40.

Relay

Women

1) Sweden 113.42 (Anna Lampinen, Kajsa Nilsson, Maria Bergkvist) 2) Czech Republic B 115.48 (Dana Brozkova, Iva Rufferova, Martina Dockalova) 3) Finland 116.45 (Pinja Satri, Bodil Holmström, Minna Kauppi) 4) Lithuania, 5) Belgium, 6) Russia, 7) Hungary, 8) Norway B, 9) Switzerland, 10) Germany.

Men

1) Czech Republic 136.10 (Jan Mrazek, Jaromir Vlach, Michal Smola) 2) Poland 137.34 (Maciej Grabowski, Wojciech Kowalski, Wojciech Dwojak) 3) Sweden 141.06 (David Andresson, Erik Andersson, Jan Troeng) 4) Norway, 5) Finland, 6) Romania, 7) Russia, 8) Switzerland B, 9) Hungary, 10) Ukraine.

World Orienteering Marathon Trophy

LA CERDENYA, SPAIN, AUG 31-SEP 2, 2001

Men: 1) John Kewlwy & Ifor Powell 8.15.04, 2) Jordi Sales & Ferran Sarri 9.11.46, 3) Miquel Soro & Carles Lore 9.27.24, 4) Nestor Bohigas & Jordi Villar, 5) Arnau Julia & Josep Mayolas, 6) Jose Antonio Garcia & Fermin Barcelo, 7) Jordi Masbeu & Albert Viñals, 8) Segio Garcia & Juan Barradas, 9) Rafael Moreno & Javier Ara.

Women: 1) Carmen Parareda & Belen Sanchez 8.41.13, 2) Gemma Sol & Yolanda Hernandez 10.26.23, 3) Teresa Sabater & Susana Sabater 13.52.30, 4) Neus Tort & Marta Cerbera, 5) Nuria Vinyals & Ingrid Pedros.

Mixed: 1) Roger Casal & Esther Gil 5.46.22, 2) Eduard Barcelo & Monica Aguilera 6.04.31, 3) Veronica Gil & Lluis Ferrer 6.11.40, 4) Thomas Antoine & Stephanie Oddoux, 5) Anna Amigo & David Teixido, 6) Eduard Comerma & Nuria Falgueras, 7) Silvia Agustina & Xavi Gil, 8) Andres Amazaga & Yolanda Gil, 9) Ana Isabel Oliveira & Luis Miguel Rato, 10) Niklas Gil & Amparo Terradez, 11) Eric Boulet & Karine Boulet, 12) Juan Manuel Rodriguez & Olga 12.56.40, 13) Thierry Davin & Veronique Hillion 12.58.52.

World Masters Orienteering Championships

NIDA, LITHUANIA, JULY 1-5, 2001

Men

Class M35-A

1) Vidas Armalis LTU 76.59.

Class M40-A

1) Roald v Schoultz FIN 68.21.

Class M45-A

1) Sigurd Daehlie NOR 57.30.

Class M50-A

1) Dieter Wolf GER 53.33.

Class M55-A

1) Risto Orpana FIN 47.25.

Class M60-A

1) Stanislav Franko SVK 49.38.

Class M65-A

1) Alpo Nisula FIN 49.09.

Class M70-A

1) Sture Josefsson SWE 42.21.

Class M75

1) Arvo Majoinen FIN 33.46.

Class M80

1) Erik Sillerström SWE 26.49.

Class M85

1) Erkki Luntamo FIN 38.59.

Women

Class W35-A

1) Vilma Rudzenskaitë LTU 45.08.

Class W40-A

1) Ada Kucharova CZE 48.35.

Class W45-A

1) Alida Abola LAT 42.26.

Class W50-A

1) Irina Ivanova RUS 42.01.

Class W55-A

1) Hillevi Syväterä FIN 42.16.

Class W60-A

1) Birgitta Olsson SWE 34.03.

Class W65

1) Ingrid Roll NOR 36.33.

Class W70

1) Maj Boudrie SWE 33.34.

Class W75

1) Lena Nordahl SWE 33.16.

Class W80

1) Gertrud Andersson SWE 34.12.

Class W85

1) Leida Sevruk EST 54.50.

Mountain Bike Orienteering World Cup 2000

FINAL STANDINGS

Men:

1) Rygl Jaroslav CZE 190, 2) Bouchut Jean FRA 188, 3) Rygl Miroslav CZE 188, 4) Podrabsky Ctibor CZE 162, 5) Mougin Sylvain FRA 160, 6) Perrin Gilles FRA 157, 7) Mach Radovan CZE 152, 8) Prochazka Jiri CZE 147, 9) Clor Herve FRA 144, 10) Kortchaguine Victor RUS 139, 11) Houlihan John GBR 134, 12) Surgan Stefan SVK 132, 13) Poirette Joel FRA 119, 14) Sevcik Martin CZE 118, 15) Sabo Mikulas SVK 114, 16) Casal Roger ESP 105, 17) Dorfler Dietmar AUT 102, 18) Tervala Mika FIN 100, 19) Wieser Thomas AUT 99, 20) Holluby Andras HUN 92.

Women:

1) Bornhak Antje GER 200, 2) Jakoubova Marketa CZE 181, 3) Ryglova Hana CZE 175, 4) Hrdinova Marie CZE 172, 5) Chmelikova Jana CZE 158, 6) Drabinova Jitka CZE 149, 7) Kochl Greta AUT 147, 8) Durcova Alena SVK 146, 9) Kupcova Kristina CZE 135, 9) Fuzy Anna HUN 135, 11) Pfuhl Gerit GER 130, 11) Gil Esther ESP 130, 13) Thomas Sylvia GER 126, 14) Gil Veronica ESP 121, 15) Parakova Maria SVK 120, 16) Tommola Päivi FIN 108, 17) Stengard Ingrid FIN 97, 18) Gil Amparo ESP 93, 19) Megias Belen ESP 90, 20) Ulreich Ingrid AUT 87.

Relay

Men:

1) Czech Republic 40, 2) France 35, 3) Slovakia 32, 4) Spain 28, 5) Hungary 22, 6) Belgium 20, 7) Finland 17, 8) Austria 13, 9) Israel 11, 10) Germany 10, 11) Great Britain 9.

Women:

1) Czech Republic 40, 2) Spain 32, 3) Germany 30, 3) Slovakia 30, 5) Hungary 21, 6) Finland 20, 7) Austria 13.

Country Competition (Top 10)

1) Czech Republic, 2) Spain, 3) Slovakia, 4) Germany, 5) France, 6) Austria, 7) Finland, 8) Hungary, 9) Great Britain, 10) Belgium.

Open World Cup in Trail Orienteering 2001

TAMPERE, FINLAND, JULY 29-30, 2001

Final standings

1) Sue Boyt GBR (*) 32, 2) Seppo
Tahvanainen FIN 31, 3) Bernt
Gustafsson SWE (*) 31, 4) Karen Darke
GBR (*) 30, 5) Mark Heikoop NED 30,
6) Dave Gittus GBR (*) 30, 7) Olga
Kortchagina RUS 29, 8) Valeriy
Tsodikov UKR (*) 29, 9) Sture Sporrong
SWE 29, 10) Tage Nilsson SWE (*) 29,
11) Alf Stefferud NOR 29, 12) Vladimir
Troian RUS (*) 28, 13) John Crosby GBR
(*) 28, 14) Evaldas Butrimas LIT (*) 28,
15) Inga Gunnarsson SWE (*) 28.
The total time in seconds to make a
decision at special timed controls is
used to separate competitors with the

same points.

(*) impaired mobility (Rule 9 of the General Rules of Trail Orienteering)

Team Competition

1) Great Britain (Sue Boyt, Karen Darke, Dave Gittus) 92, 2) Sweden (Bernt Gustafsson, Tage Nilsson, Inga Gunnarsson) 88, 3) Lithuania (Evaldas Butrimas, Zenaida Pashkevich, Tadeush Shimkovich) 80, 4) Norway 70, 5) Finland 59, 6) Russia 52, 7) Belgium 43, 8) Ukraine 29, 9) USA 23.

World Cup Ski **Orienteering** 2001

FINAL STANDINGS

Men:

1) Matti Keskinarkaus FIN 265, 2) Jukka Lanki FIN 257, 3 Edouard Khrennikov RUS 254, 4) Bertil Nordqvist SWE 217, 5) Teemu Kongas FIN 203, 6) Eivind Tonna NOR 201, 7) Andreas Edvardsen NOR 197, 8) Nikolay Bondar RUS 195, 9) Arto Lilja FIN 185, 10) Claes Turesson SWE 184, 11) Vasiliy Glukharev RUS 183, 12)

Peter Mosimann SUI 181, 13) Tomas Lofgren SWE 177, 14) Anders Hauge NOR 175, 15) Peter Dahlberg SWE 168, 16) Viktor Korchagin RUS 164, 17) Andrey Gruzdev RUS 152, 18) Tommy Olsen NOR 149, 19) Jakob Vodrazka CZE 140, 20) Jarkko Urpalainen FIN 137.

1) Lena Hasselström SWE 280, 2)Tatyana Vlasova RUS 252, 3)Stine Hjermstad Kirkevik NOR 245, 4) Natalya Tomilova RUS 234, 5) Hanna Kosonen FIN 224, 6) Salla Lehto FIN 223, 7) Katja Rajaniemi FIN 222, 8) Erja Jokinen FIN 210, 9)Stina Grenholm SWE 207, 10) Terhi Hämäläinen FIN 199, 11) Erica Johansson SWE 179, 12) Marie Lund SWE 179, 13) Olga Khokhlova RUS 175, 14) Natalya Frei RUS 170, 15) Karin

Kiellman SWE 146, 16) Oxsana Konovalova RUS 136, 17) Marte Reenas NOR 130, 18) Maarit Dahlman-Tervala FIN 116, 19) Irina Onichtchenko RUS 110, 20) Ksenya Chernih RUS 110.

Relay

Men.

1) Finland 55, 2) Sweden 52, 3) Russia 45, 4) Norway 43, 5) Switzerland 31, 6) Czech Republic 30, 7) Bulgaria 23, 8) Italy 22, 9) Estonia 16, 10) France 14, 11) Austria 14, 12) Belarus 7, 13) Slovakia 6, 14) Ukraine 4.

Women:

1) Finland 54, 2) Russia 53, 3) Sweden 47, 4) Norway 28, 5) Switzerland 24, 6) Czech Republic 21, 7) Bulgaria 19, 8) Ukraine 8, 9) Belarus 7.

Junior World Championships in Ski Orienteering 2001

TRENTINO, ITALY, FEBRUARY 11-18, 2001

Classic distance

Men

1) Vesselov Kirill RUS 45.03, 2) Fisher Remo SUI 46.35, 3) Sorokine Mikhail RUS 46.42, 4) Andersson David SWE 48.36, 5) Engvall Erik SWE 48.47, 6) Kvaal Ostebro Oystein NOR 49.27, 7) Smirnov Anton RUS 49.28, 8) Tolstopiatov Vadim RUS 49.33, 9) Patras Andrej SLV 49.43, 10) Tunis Staffan FIN 50.13.

Women

1) Tchijikova Ekaterina RUS 45.13, 2) Eliasson Lena SWE 45.24, 3) Vanhalakka Kirsi FIN 46.11, 4) Bergkvist Maria SWE 48.39. 5) Ferchalova Iana RUS 50.03. 6) Mehtälä Katri FIN 50.05, 7) Nifakina Elena RUS 50.17, 8) Shvezova Svetlana RUS 50.50, 9) Joensuu Marttiina FIN 51.31, 10) Overoyen Anne NOR 52.03.

Short distance

Men

1) Andersson David SWE 25.53, 2) Fisher Remo SUI 25.59, 3) Vesselov Kirill RUS 26.35, 4) Parkkinen Jarno FIN 26.48, 5) Engvall Erik SWE 27.24, 6) Sorokine Mikhail RUS 27.25, 7) Smirnov Anton RUS 28.04, 8) Valouiski Alexei RUS 28.29, 9) Bakken Hagelia Olav NOR 28.34, 10) Johansson Jörgen, SWE 28.42.

Women

Women:

1) Bergkvist Maria SWE 28.59, 2) Shvezova Svetlana RUS 29.57, 3) Joensuu Marttiina FIN 30.28, 4) Mehtälä Katri FIN 30.46, 5) Tchijikova Ekaterina RUS 30.51, 6) Eliasson Lena SWE 30.57, 7) Reenaas Kjersti NOR 31.10, 8) Saastamoinen Outi-Maria FIN 02.21, 9) Vanhalakka Kirsi FIN 32.36, 10) Ferchalova Iana RUS 33.57.

Relay

Men: 1) Norway (Kvaal Ostebro Oystein, Bakken Hagelia Olav, Sagberg Torbjorn) 1.26.47, 2) Sweden (Engvall Erik, Johansson Jörgen, Andersson David) 1.29.12, 3) Russia A (Vesselov Kirill, Smirnov Anton, Sorokine Mikhail) 1.30.03, 4) Russia B, 5) Finland B, 6) Finland A, 7) Switzerland A, 8) Czech Republic A, 9) Estonia, 10) Italia A. Women: 1) Finland A (Mehtälä Katri, Joensuu Marttiina, Vanhalakka Kirsi) 1.26.03, 2) Russia A (Shvezova Svetlana, Nifakina Elena, Tchijikova Ekaterina) 1.28.37, 3) Sweden A (Dahlberg Kajsa, Eliasson Lena, Bergkvist Maria) 1.29.41, 4) Norway, 5) Finland B, 6) Switzerland, 7) Sweden B, 8) Russia B, 9) Estonia, 10) Czech Republic.

World Masters Orienteering Championships in Ski **Orienteering 2001**

TRENTINO, ITALY, FEB 11-18, 2001

Short distance

Women

Class W35:1) Hannus Arja SWE 26.55. Class W40: 1) Juutilainen V. FIN 29.24. Class W45:1) Tröße Renate GER 30.13. Class W50:1) Crawford S. USA 31.38.

Men

Class M35:1) Mäkipää Vesa FIN 31.34. Class M40:1) Juutilainen A. FIN 32.22. Class M45:1) Männel Harald GER 28.27. Class M50:1) Zeni Gianfranco ITA 32.29. Class M55:1) Orpana Risto FIN 29.2. Class M60:1) Roussanov P. RUS 28.31. Class M65:1) Pystynen Paavo FIN 25.20.

Classic distance

Women

Class W35:1) Hannus Arja SWE 42.28. Class W40:1) Juutilainen Virpi FIN 32.33. Class W45:1) Barsoukova T. RUS 39.06. Class W50:1) Crawford Sharon USA 42.12.

Men

Class M35:1) Stoffel Lukas SUI 41.54. Class M40:1) Juutilainen A. FIN 44.01. Class M45: 1) Sonnenberg S. GER 27.42. Class M50:1) Tolkkinen V. FIN 28.34. Class M55:1) Orpana Risto FIN 29.33. Class M60:1) Roussanov P. RUS 43.43. Class M65:1) Pystynen Paavo FIN 34.36. Class M70:1) Mäenpää O. FIN 1.21.00.

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e-mail: submontur@cantv.net & i0010416-1@cantv.net YUG: Yugoslav Orienteering Federation, Branislava Barisica Doktora 26, 11273 Batajnica - Beograd, Yugoslavia, Tel. +381 11 848 6890, fax +381 11 848 2752, e-mail: lsint@sezampro.yu

* Associate member

Silva situation_WOC_Tampere_Classic Final_Distance To Goal_5,6 km

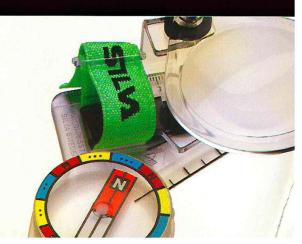


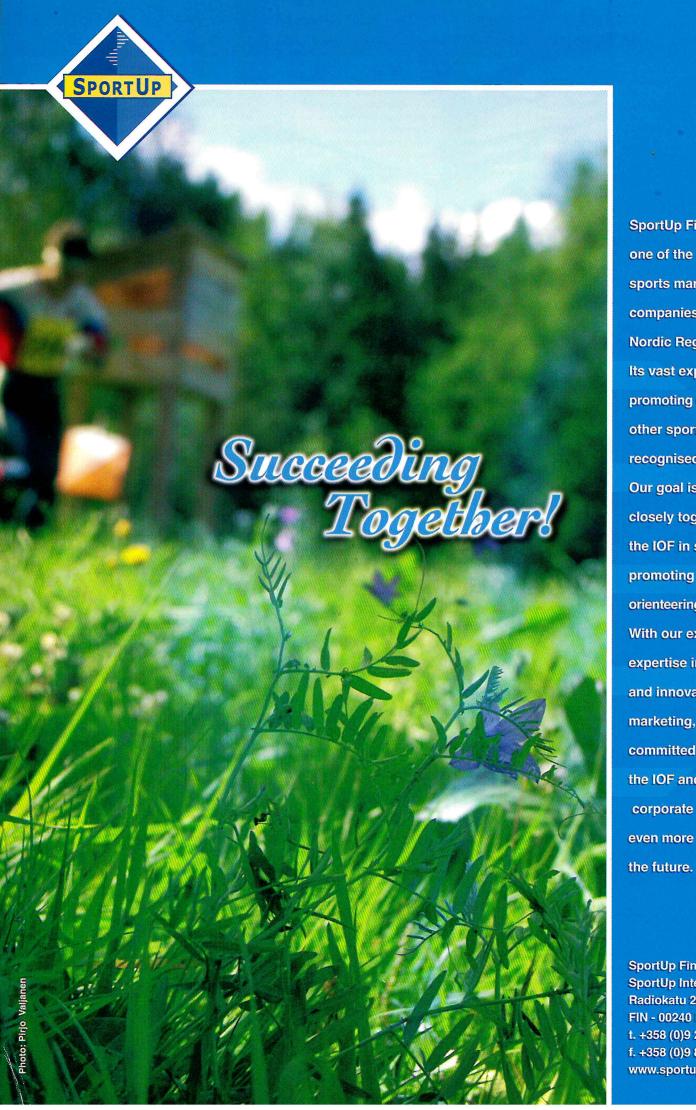
SILVA magnified WOC 2001

- => 9 GOLD medals
- ⇒ Total 34 medals
- ⇒ 5 out of 6 individual GOLD medals
- => 6 medals with SPECTRA Magnifier



SILVA SPECTRA Magnifier





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expertise in traditional
and innovative sports
marketing, we are
committed to making
the IOF and its chosen
corporate supporters
even more succesful in

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