

OA Mapping Committee Minutes

Saturday 4thth April 2015

Jamestown High School, South Australia

Time: 3.00pm – 4.00pm

AGENDA

Present: Adrian Uppill (Chair), Alex Davey ONSW, Noel Schoknecht OWA, Andrew Lunsden ONSW, Paul Pacque OTAS, Blair Trewin OA Pres, Roche Prendegast, OVIC, Duncan Currie ONSW, Janet Morris ONSW, Barry Hanlen ONSW, John Scown OACT, Terry Bluett ONSW, Aric Andrews OQLD

Apologies: Alex Tarr

Agenda Items:

Opening remarks by Blair, OA President

OA Committees to consider the need for more than one meeting per year adding that Mapping is functioning reasonable well in comparison to other Committees.

1 Revision of ISOM2000

- AU advised the revision team is working on a final draft which they hope to send to federations after WOC2015 meeting. Colour is their biggest challenge.
- AU email to MC and his comments at Attachment A
- OA Committee has a strong view that non offset , spot colour printing be permissible at WRE's, and recommends OA to advise IOF accordingly.

NB. Original and follow up OA submissions and comments available here:

<http://www.orienteering.asn.au/administration/mapping/mapping-committee/>

2 Training new mappers

- AU discussed the need to train new mappers saying it is essentially an association responsibility. Ways to train new mappers include one-on-one training being an approach OSA is taking, while NSW has already had Alex Tarr run a one day training course. (Alex has offered to conduct further training courses free of charge but Associations to meet his airfare costs etc). Funding of map training possible from OA re ASC (capability funding). AU advised an OCAD11 Starter Kit (limit of 10,000 objects) is available at a reduced cost and at a further discount if a bundle of 5 licences is purchased.
- Noel to review and prepare a report on Open Source Mapper.

3 Review of maps used during 2014 and World Cup / Oceania (Tasmania 2015)

- Coles Bay World Cup map printing issues. At AU's request about this issue a report was provided by Christine Brown, her recommendation to print maps early to allow time to sort any issues. Report at Attachment B.
- Cataract Gorge World Cup Sprint Qualification: Mapping Impassable walls and Impassable cliffs, application & fairness considerations. Given insufficient time to discuss, this item will now be covered in the proposed Sprint Mapping Workshop, see item 5 below.

- Report by Noel Schoknecht presented: Map printing for 2014 Aust Champs 'Karrak Karnival', colour settings, Purple Pen. See Attachment D, Report.
- Olive green. There are two default OCAD colour settings:
ISOM – OCAD default setting is CMYK 38 27 100 00
ISSOM – OCAD default setting is CMYK 10 00 97 27 being a 'lighter' colour
Recommendation: Sprint maps use 38 27 100 00.

4 News

- Tyson Hillyard (TJ-SA) - a surveyor now works for Aerometrex in SA
- 2015 Easter carnival maps
 - photogrammetry provided by Aerometrex, contours reworked to meet orienteering requirement
 - investigations into using a fixed wing drone for photogrammetry & aerial photographs
 - new printer installed at SNAP the Friday before the week of carnival map printing
- MyOMaps - a smartphone Android App developed by Peter Effenev (UG-Q), potential for mapping, downloading GPX tracks & waypoints to OCAD.
<http://smartphoneadventures.weebly.com/useful-links.html>
- Spot Gen 3 – a safety device to send a GPS location and a pre-set message, useful in remote locations or where there is no mobile phone coverage.
<http://www.findmespot.net.au/spot-gen3-gps-messenger/>

5 Proposal for a Sprint mapping workshop

- Andrew Lumsden suggested a 'Sprint orienteering technical issues workshop' be held during the Aust Champs Carnival, as a forum to discuss interpretation & application of symbols.
Action: Andrew to organize workshop, during Aust Champs carnival.

Meeting Closed at 4.00pm

Attachment A

From: Håvard Tveite [<mailto:havard.tveite@nmbu.no>]

Sent: Friday, 6 March 2015 6:20 PM

To: Robin and Adrian Uppill

Subject: Re: ISOM revision

On 06.03.2015 05:21, Robin and Adrian Uppill wrote:

> Hello Havard,>

> I am of the view that the draft revision document should be set aside but taking from it key changes for revising ISOM2000.>

> The preparation of the draft has been a worthy process provoking considerable discussion and debate. I have attempted to follow various discussions and have made contributions from an Australian viewpoint as appropriate. Australia is definitely against the use of fixed area screens but if some countries see the need then they can use it but we still need the single point placement for areas of Stony ground, Boulder fields and Broken ground. The Undergrowth symbols is a difficult symbol but is still better than the alternatives. Also full Black for Rock and boulders must be retained for these features in Australia. Contour symbols should also remain unchanged as these also better than alternative suggestions. Symbol size to remain (definitely not smaller).

We are working on the final draft, and we hope to send it to the federations after our WOC2015 meeting.

> One of the main objections to the draft is the document itself. It is too large whereas ISOM2000 is short and concise.

We are aware of that, and are working on making it more manageable.

> Numerous proposals were put forward in the last draft however there were still incomplete sections in respect to colours and printing. In particular there has been no colour swatch or offset, spot colour printed examples of the new or proposed symbols, although an OCAD version was circulated some time ago. The Print Tech 'test' sheet is an extremely useful quality control tool hence should feature in the revised ISOM.

We are still working on colour. That is currently our biggest challenge.

> I have looked at the colour and colour blind section. Again I think > this can be simplified, some of it is very technical. One of the main > issues with colour is the colour Yellow which I recommend be changed > to PMS 116, a more saturated colour better suited for colour blind > orienteers. PMS 116 is a colour found to be suitable by Transport of > London for its maps, see > <http://www.tfl.gov.uk/assets/downloads/corporate/tfl-colour-standard-i>

> I do not know what Ales Henja has contributed to the revision process but I have made suggestions to him on colour blind issues as well as to the revision panel and in this regard note that many of my suggestions have been included in the draft. Blue could also be made slightly more saturated.

Thank you for this contribution. I will forward this to Ales, just in case.

> Essentially, there should be no major departure from ISOM 2000, and only make changes to the existing ISOM2000 booklet.>

> I will be going to WOC in Scotland and maybe this would be a suitable time for Member countries to meet regarding the revision of ISOM2000.

The MC will also meet during WOC in Scotland.

Thank you for your interest and your contributions!

Håvard

> Regards>

> Adrian Uppill>

Attachment B (Edited email prepared by Christine Brown, IOF Controller)

After consultation with Mike Morffew here is what happened.

The World Cup maps were printed Spot Colour Offset.

Unfortunately, on the Sprint and Middle distance maps, the Black (only) was half-toned, rendering what should be solid to about 80%. The printer's pre-press software interpolated that the black required half-toning because the layer included logos. What may also be confusing, is the small amount of bare rock which is also printed in 30% rather than solid spot colour grey.

The maps were not printed until 23rd December and the problem was noticed during press-approval. With the printer being too busy trying to finish off the many demands upon them before Christmas, we had to go with what we had. The printer closed over the Christmas period until January 5th. We reprinted the Transit Flat Long Course but it was too late for the sprint and middle distance maps.

Primarily the courses and maps were not ready for the printer early enough to sort any issues. Previously that printer had preferred EPS files which were supplied. Unfortunately, they had changed to a PDF

workflow. Their pre-press operator converted our files from EPS to PDF instead of asking if we could supply PDF files and this is where the problem occurred!

Coles Bay 1:10000 W21E World Cup



Issue with overlapping map colours ie Bare rock over Slow Run

Coles Bay 1:10000 Course 9 Public Race



Attachment C

See separate document: Cataract Gorge.pdf

Attachment D

Report by Noel Schoknecht: Map printing for 2014 Aust Champs 'Karrak Karnival'

**Printing of maps for Australian Orienteering Championships Carnival (Karrak Karnival)
27 September to 5 October 2014**

The document covers map production and course printing for the three world ranking events of the carnival. The events include the:

- Australian Middle Distance Championships
- Australian Sprint Championships
- Australian Long Distance Championships

File creation

All courses created in Purple Pen, and exported to an OCAD file.
Files were exported to PDF from OCAD for printing.

Overprinting

All courses had the overprinting effect. At the time of the carnival, overprinting was not an option direct from Purple Pen, so this effect was created by the following steps.

- Course file exported from Purple Pen to OCAD
- The background OCAD map file removed from the OCAD course file
- The background map imported into the OCAD course file
- The purple used for course selected for overprinting in the OCAD colour table
- The file exported to PDF ready for printing

Note: The overprinting effect is now available in Purple Pen which means that the pdf exported from Purple Pen could now go straight to the printer.

Paper stock

All maps were printed on synthetic Pretex stock.

Printer

All maps digitally printed on commercial digital press Fuji Xerox 1000 set to 300 dpi

Logos

A master OCAD logo file with all logos for the carnival was created. The logos were saved as point symbols and were given unique symbol numbers, and colour numbers in the colour table, so there was not conflict with symbol or colour when imported into the OCAD map master files.
