

OA Mapping Committee Meeting

2009 Australian 3-Days, 5pm Friday 10th April at the Event Centre, Launceston TASMANIA

Present:

Hugh Moore, Alex Tarr, Greg Hawthorne, Peter Hoban, Rob Rapkins and others (please confirm and I will add your name)

1 Revision of ISOM2000 - update

A brief overview of OA's submission to the revision of ISOM was provided by Adrian, followed by a short discussion.

2 Quality control for digitally printed maps for Group A events

At Easter 2008 the Mapping Committee reaffirmed that digitally printed maps for Group A events should be approved by the OA mapping committee (usually the mapping chair). As part of this approval process Adrian has now requested that a Print Tech 'test sheet' be provided to the Mapping Chair (and Event Controller) as this sheet provides an excellent basis on which to assess the suitability of the printer and paper used.

Recommendation:

Agreed that a Print Tech 'test sheet' should be provided as standard practice to the Mapping Chair when approval is required for digitally printed maps to be used for Group A events.

3 Mapping Workshop

A reminder about Eric Andrews mapping workshop immediately following the World Masters Orienteering Championships in NSW:

- a. the workshop will be held on the maps used for the 2nd Qual and final.
- b. accommodation at Kandos or Rhylstone would be the closest.
- c. need 2 extra nights of accommodation, 16 and 17th of October.
- d. only mappers with some experience should nominate.
- e. weather permitting, the emphasis of the workshop will be out in the field, changing contours.
- f. if anyone is interested then they need to send me an email, expressing their interest by 1 September.
- g. the workshop itself is free.

4 OA Map Statistics – Form 6

The value of collecting this data and for what purpose was discussed noting these statistics have never been collated. Indeed, Adrian advised that the data collected to date was incomplete and that not all states returned Form 6. Further some categories are now difficult to complete given the advent of digital printing, printing on demand, and how to treat partial remaps and updates and also the varying types of statistics kept by the States & Territories. However there was general consensus that some map statistics should be collected and maintained given that maps and map production is essential for the conduct of orienteering.

Recommendation:

Adrian to investigate and prepare a revised Form 6

5 OA Map symbol and Control description, double sided sheet

Adrian reported that current hard copy stocks are nearly depleted and asked if an off-set reprint is justified, or leave it up to the States to digitally print on demand. Further, it was noted that the mapping symbol sheet needs to be updated in due course, perhaps after the revision of ISOM.

Recommendation:

Permit the Associations to print on demand, hence OA to provide digital copies of the Map Symbols and Control Descriptions to the Associations.

6 CMYK Colour settings

Adrian advised the colour setting for purple C M Y K : 30 100 15 00 (not 30 100 00 00 as per mapping agenda) appears to be more acceptable to a wider range of people and is now suggested as the standard setting for purple, but subject to a print test. The new setting comes from discussions with Alex Tarr. The previous recommended setting for Purple was CMYK: 43 91 00 00, while the default setting for OCAD of 100% Magenta should not be used.

For other colours the recommendation is to use the OA "OCAD Colour table" as the starting point for digital printing, then fine tune to the individual printer.

Recommendation:

For digital printing the recommended course marking colour setting for Purple is CMYK : 30 100 15 00 but subject to a print test on the course map

7 MTBO track classification used in Australia

The 2 x 4 track classification as developed in Australia has been accepted by the IOF MTBO Discipline Committee but not the IOF Map Commission (IOF joint meeting, Helsinki, 24.01.09). The 2 x 4 therefore remains non compliant, although for uniformity within Australia it should be used as the 'standard' track classification. OCAD copies of the ISMTBOM 2007 incorporating the "standard 2 x 4" track classification is available from Andrew Slattery or Adrian Uppill

Recommendation:

The ISMTBOM 2007(Aust Edition 2009) is recommended for use in Australia.
Adrian to place a copy of the ISMTBOM 2007 (Aust Edition 2009) on the OA Mapping pages.

8 OA Digital printing policy

Adrian advised that the OA Digital Printing Policy – Operational Manual 6.3 requires updating.

Recommendation:

Adrian to revise the Digital Printing Policy

9 Waterproof papers

Members provided feedback and comments about the suitability of various waterproof papers for orienteering use. Brand names included: Never Tear, Teslin, Artisyn, Durapaper, Pretex, Picofilm and Enduro

Five different papers with the Print Tech 'test sheet' image were provided by Ken Dowling (he and Jim Russell are testing various papers for the Aust Champs 2009) and was circulated with members asked to rank the papers in order of preference. The result was:

Preference 1 – Top Colour 100gsm normal pure white paper (and assumed to be in a plastic bag)

Preference 2- Pico Film 150gsm 'normal' setting

Preference 3 – Pico Film 150gsm 'thick' setting

Preference 4 – Pretex 30.120 'normal' setting

Preference 5 – Pretex 30.120 'thick' setting

Pretex is a cream / off white waterproof paper and was the least attractive of all the papers.

Picofilm is a waterproof paper, is white in appearance and springy in nature. The legibility of the map is quite good and is worthy of testing and feed back from orienteers.

However all members preferred the normal copy paper at 100gsm even though it would be in a plastic bag.

At this stage a short list of waterproof papers that appear to be suitable for orienteering maps, but dependent on scale and complexity of the map area, include:

Teslin - Aust Champs 2008 (150gsm), Easter 2009 (110gsm), an off-white paper

Picofilm - white paper, springy

Nevertear – white paper, springy, has given mixed results notably loss of image on some maps at Christmas 5 day. PS. Is used by the military in the Northern Territory.

Recommendations:

Continue testing of waterproof maps and provide map samples to Adrian Uppill

10 Minutes of IOF Map Commission 23-24 Jan 2009m

Adrian advised that the IOF Map Commission has made it clear that deviations from the mapping standards will not be accepted. This includes requests for larger scale maps of detailed rock areas as it is considered such maps could be generalised to mapping specifications.

11 Map deviations and problems encountered with some mapping symbols

Adrian briefly discussed some mapping deviations on maps used in 2008 & 2007 and included:

a. Man made object / Prominent man made feature – must be defined on the map legend, and to be used for similar type objects as defined ie not to be used for very different objects

b. Non standard map symbol on sprint maps – for horse jumps; and school bench

c. Mapping passageways / underpass on sprint maps – There is need in some cases to highlight a passageway by using course planning symbols Crossing point (708) and Crossing section (708.1)

d. Olive green on sprint maps – difficult to read particularly for small areas, and that the use of a bounding line improves legibility

e. Sprint maps only have two fence symbols - Passable (522) and Impassable (524). The broken fence symbol does not apply to Sprint maps

Adrian Uppill
OA Mapping Chair