

## PrintTech project Assessment of print quality (Orienteering)

**Event date:** 19 April 2014 (NZL - New Zealand National Championships 2014)

**Type of event:** Middledistance

**Received:** May 2014

**Map scale:** 1:10000

**Printing technique:** CMYK offset

**Resolution:** Reasonable

**Colours:** Quite good for CMYK

**Overprint effect:** No

**Course overprint effect:** No

**Paper:** Fine

**Other map related comments:** According to the organisers, the map should have been spot colour offset printed, but due to a misunderstanding it was separated into CMYK instead. Uncrossable marsh shall have a black outline (except where they are bounded by water). Small knolls seem to be drawn too small (0.6mm instead of 0.75mm).

### Some explanations

**Printing technique:** Spot colour offset (preferred) and CMYK printing are the most used printing methods. CMYK printing can be done on offset printing machines, laser printers, ink-jet printers, ... *application: offset / non-offset* is taken from the WRE application form.

**Resolution:** Resolution is assessed by visual inspection of contours and other thin lines.

**Colours:** Colours are assessed by comparing with the IOF PrintTech project spot colour offset printed testsheet.

**Overprint effect:** Overprint effect shall be implemented for the map contents, see the section on *Overprinting* in the ISOM 2000 for details.

**Course overprint effect:** Overprint effect shall be implemented for the course overprint, see the section on *Overprinting* in the ISOM 2000 for details.

**Paper:** Suitable paper of high quality is very important for the final print quality.

**Comments:** Comments on other aspects of the map may be given here.