ORIENTEERING NSW

COMPARISON OF MAPPING SPECIFICATIONS

TECHNICAL SYMBOLS

Green = symbol change, map needs to change. Yellow = symbol change, gets smaller. Blue = symbol change, gets bigger or more frequent.

Pink = ISOM 2017 and ISSprOM differ. Red = symbol different, fix when field checking map. Olive green = not sure about this change in symbol.

ISOM 2000	**ISOM 2017-2 (Adjusted version published January 2019)**	**ISSOM 1 January 2007**	**ISSprOM 2019 (valid from 1 January 2020, with errata)**
Technical symbols are such symbols which are essential on all kinds of topographic maps and not only on orienteering maps.			

ISOM 2000	ISOM 2017-2 (Adjusted version published January 2019)	ISSOM 1 January 2007	ISSprOM 2019 (valid from 1 January 2020, with errata)
601 Magnetic north line Magnetic north lines are lines placed on the map pointing to magnetic north. Their spacing on the map should be 33.33mm which represents 500m on the ground at the scale of 1:15 000. For maps with other scales lines placing should be at intervals which represents a round number of meters (e.g. 50 m, 100 m, 250 m, 500 m) and the spacing should be between 20mm and 40mm on the map. North lines may be broken where they obscure small features such as boulders, knolls, cliffs, stream junctions, path ends, etc. In areas with very few water features, blue lines may be used. Colour: black (blue). Black line width: 0.14mm Blue line width: 0.18mm	**601 Magnetic north line (L)** Magnetic north lines are lines placed on the map pointing to magnetic north, parallel to the sides of the paper. Their spacing on the map shall be 20 mm on the map which represents 300 m on the ground at the scale of 1:15 000. If the map is enlarged to 1:10 000, the spacing of the lines will be 30 mm on the map. North lines shall be broken to improve the legibility of the map, for instance where they would obscure small features. In areas with very few water features, blue lines may be used. Colour: black or blue. Black line width: 0.1mm Blue line width: 0.18mm	**601 Magnetic north line** Magnetic north lines are lines placed on the map pointing to magnetic north. Their spacing shall be 30 mm on the 1:5000 map and 37.5 mm on the 1:4000 map so in both scales they represent 150m on the ground. North lines may be broken where they obscure small features such as boulders, knolls, cliffs, stream junctions, path ends, etc. Colour: black or blue. Black line width: 0.14mm Blue line width: 0.18mm	**601 Magnetic north line (L)** Magnetic north lines are lines placed on the map pointing to magnetic north. Their spacing shall be 30 mm, they represent 120 m on the ground. This does not make sense if the map is enlarged to 1:3000. North lines may be broken where they obscure small features such as boulders, knolls, cliffs, stream junctions, path ends, etc. Colour: black or blue. Black line width: 0.14mm Blue line width: 0.18mm

ISOM 2000	ISOM 2017-2 (Adjusted version published January 2019)	ISSOM 1 January 2007	ISSprOM 2019 (valid from 1 January 2020, with errata)
602 Registration marks At least three registration marks must be placed within the frame of a map in a non-symmetrical position. In addition, a colour check should also be possible. [Symbol is a plus sign] Colour: all printed colours. Height: min 4mm Line width: 0.1mm	**602 Registration mark (P)** At least three registration marks may be placed in the corners of the map. These can be used for printing courses on already printed maps. In addition, it allows a check of colour registration when printing colours separately. [Symbol is a plus sign] Colour: all printing colours. Height: min 4mm Line width: 0.1mm	**602 Registration marks** At least three registration marks shall be placed within the frame of a map in a non-symmetrical arrangement. In addition, a colour check should be possible. [Symbol is a plus sign] Colour: all printed colours. Height: min 4mm Line width: 0.1mm	No symbol
603 Spot height Spot heights are used for the rough assessment of height differences. The height is given to the nearest metre. The figures are orientated to the north. Water levels are given without the dot. Colour: black. Dot diameter 0.3mm Text height: 1.5mm	**603 Spot height (P, T)** Spot heights are used for the rough assessment of height differences. The height is given to the nearest metre. Water levels are given without the dot. Spot heights must only be used where they do not conflict with other symbols. Font: sans-serif, 1.5 mm, non-bold, non-italic. Colour: black. Dot diameter 0.3mm Text height: 1.5mm	**603 Spot height** Spot heights are used for the rough assessment of height differences. The height is given to the nearest metre. The figures are orientated to the north. Water levels are given without the dot. Colour: black Dot diameter 0.3mm Text height: 6pt = 1.52mm	No symbol