

Technical Difficulty 4 - Light Green

(M14A W14A M16B W16B)

- ❖ For juniors and adults progressing from orange - learning how to use contours, compass, distance estimation and route choice techniques.
- ❖ Now the competitors should be able to read much of the information on the map, so the courses are teaching them the techniques of the sport - route choice, running direct to a catching feature instead of following line features, using rough compass for navigation.
- ❖ For competitors who are almost ready to navigate through anything. Navigation by contour information is a new and important skill: straightforward tests of it should be given frequently.

Step System Skills:

- ✓ Navigate long legs on a rough compass bearing to a collecting feature
- ✓ Fine orienteering on short legs using an accurate bearing
- ✓ Navigate for short distances using simple contour features - hills, ridges, large re-entrants and spurs.

Routes and Route Choice

Significant route choice problems
Course as a whole contains legs demanding a range of different techniques (e.g. long route choice legs, short map reading legs)

Number of Controls

As few as necessary for good planning based on the length of the course legs of different lengths

Control Sites

Any features provided that the map permits navigation into the control
Any feature provided that complex map reading (particularly contour detail) is not required.

Relocation & Cost of Errors

Collecting features behind all controls.
Errors should not be expensive in terms of time lost.

Place controls on distinctive features

- The courses should require full use of compass skills (i.e. compass and pacing as well as rough compass work). Planners should encourage the use of major contour features (picking off hills and valleys as they are crossed, running along ridges and re-entrants, contouring) for navigation over short distances e.g. from an attack point.
- Pay attention to runnability - bracken, brambles and brashings can become a jungle of fight for a W12 or less agile M60.
- Inexperienced juniors and seniors with failing eyesight find it difficult to pick out fine detail. The map picture must be easy to read. Place controls on distinctive features.