ORIENTEERING INSTRUCTIONS ON MAP & DESCRIPTIONS - Pt 3 MAP FLIP & EXCHANGE

This is the 3rd part of a series of articles as follows:

1 Introduction and Taped routes. If you have missed this it will be a good idea to read it first here, as the important rules applying
to taped routes are referenced in each other part.

2 Starts. here

3 Map Flip & Exchange. This article

4 & 5 ; Crossing Points, Boundaries & Diversions; and Finishes (To be published over the next few weeks)

INTRODUCTION

Electronic punching has allowed the use of small areas of land for orienteering, however this can lead to convoluted courses which would become difficult to read. To get round this planners can split the course into two parts. For most club orienteering each part of the course will be printed on both sides of the paper requiring the map to be flipped over and a predetermined part of the course. More advanced and championship orienteering may employ a Map Exchange.

TAKE AWAY: If your course comes to a sudden unexpected stop before the finish, turn the map over! Failing that there will be a new part of the course waiting for you at the 'last' control, maybe after following a taped route

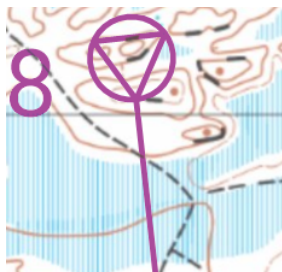| **MAP FLIP** This is used in the majority of club events			
Front side -			**End of course part 1** Note the pictorial "flip" symbol, Also note but there is nothing on the map except that the course seems to come to an abrupt end. It is then time to turn over!
Reverse side -			**Start of course Part 2** Your current position (last control on part 1) is shown by the circle/triangle symbol. The last control on part 1 will be reproduced as the first entry in the descriptions. Note that the course length given is for the entire course not just part 2
MAP EXCHANGE AT CONTROL This may be used in championship and other higher profile events			
Part 1 Map			**End of course Part 1** The map exchange will take place at the last control of part 1 of the course. Although the taped route description is used there are no tapes because it is shown as 0m long The control will usually be manned and you will need to surrender your part 1 map and pick up a part 2 map.

Front side control descriptions:
8 | 103 | ↓ | ⊓ | 1.5 | L ○
→ (flip arrow symbol)
8 | 103 | W foot of S cliff, 1.5m high
Flip map over

Reverse side control descriptions:
blue-2 | 6.6 km
8 | 103 | ↓ | ⊓ | 1.5 | L ○
blue-2 | 6.6 km
8 | 103 | W foot of S cliff, 1.5m high

Part 1 Map control descriptions:
8 | 103 | ↓ | ⊓ | 1.5 | L ○ | 🚶
○ — — — 0 m — — → △
8 | 103 | W foot of S cliff, 1.5m high (manned)
Map exchange at the control

Part 2 Map			Start of course Part 2

blue-2	6.6 km	
8	103 ↓ ⊓⊓⊓	1.5 L○ 🏃

blue-2	6.6 km
8 103	W foot of S cliff, 1.5m high (manned)

Start of course Part 2

This looks exactly the same as the map flip with the last control on part one being reproduced as the first control on part 2.

TAPED ROUTE TO MAP EXCHANGE This also may be used in championship and other higher profile events

Part 1 Map

8	103 ↓ ⊓⊓⊓	1.5 L○

○ — — — 90 m — — →△

8	103	W foot of S cliff, 1.5m high

Follow tapes 90 m to map exchange

End of course Part 1

The taped route to the map exchange (and start of part 2) is indicated by the standard dashed line on the map and the pictorial description. The taped route must be followed.

The start will be manned and as above you will surrender your part 1 map and collect a part 2 map

Part 2 Map

blue-2	6.6 km	
▷	○	.○

blue-2	6.6 km
▷	Start: SW side of hill

Start of course Part 2

There will be a start kite in the position indicated by the start triangle on the map and descriptions. This will be as close and obvious as possible from the map exchange.

Notes for Planners and Organisers

- **General**
  - Use map flip unless instructed otherwise by your controller
  - Include details of 2 part courses in the final details.
  - Also if the Short / Light Green or Red or any equivalent course is in 2 parts tell competitors at the start - assuming the start is manned - and/ or have a notice. When we failed to do this at a BL event 3 competitors missed out part 2 of the course then complained! It wouldn't hurt to put a written instruction in the descriptions as well.
  - Although 3 part courses are possible they are best avoided, but if you must, details should be given in the final details and explained at the start.
  - When using Purple Pen, all three options above are accessed by Add → Map Flip/Exchange

- **When using Map Flip**
  - Use a control that breaks the course most conveniently from a clarity point of view for each course. There is no need to use the same control.
  - Always ensure 2 sided maps are laid out part 1 up at the start.

- **When using Map Exchange (either style)**
  - The Exchange control should be exclusively used for the purpose of map exchange.
  - The finish must be shown on all maps, to allow retiring competitors to find it (Rules of Foot Orienteering 17.3).

- **When using taped route to map exchange**
  - Follow the rules for taped routes here, you can use any colour tape except yellow/black or yellow.
  - (Rule 25.3) There must be a kite to indicate the start of part 2 in close proximity to, and obvious from, the map exchange. As for standard starts, this will be fully described in the descriptions as shown above
  - Remember to observe the control proximity rules (Rules § 6.1) - 30m maximum between any controls, 60m between controls on the same type of, or easily confused features. This includes both the last control in part 1 and the start of part 2.

Prepared by Paul Watson. - Any questions or uncertainties (or I have got something wrong) please send a message via the Border Liners facebook page or ask the registration at an event (in a quiet period) if there is a qualified controller present whom you can ask. PW