

SOA Puzzle 40 - Solution

Tour of Scotland - Shambellie Woods

Cardinal and Ordinal Course

Using the map and the information on the 'All Controls' description sheet, create a linear Orienteering TD5 course of 5.3km with 160m climb and all 16 controls. Note that the control descriptions are listed in numerical code order in Column B, which is not the order that they will be visited on the course.

The control code number in Column B is also the straight-line length of the leg leading to the control. The bearing to the control, given as the cardinal (N, E, S, W) or ordinal (NE, SE, SW, NW) direction from the previous control, is shown in Column H. The only exception is the run-in to the Finish. The Start triangle is shown on the map.

Approximate dimensions of clearings in metres have been shown for guidance. Dimensions of boulders and crags are omitted.

Cryptic Clue: At the risk of upsetting the organiser and controller, a unique feature of this puzzle is that it is not necessarily best to start at the Start.

Cardinal & Ordinal Course Planning			
Course	5.3 km	160m	
1 180	↙	○	NW
2 438	↑	○	N
3 154	↑	○	NW
4 418	↗	○	W
5 298	↘	○	NW
6 637	↘	○	NW
7 140	↘	○	SW
8 324	←	○	W
9 88	↙	○	SW
10 317	↘	○	S
11 278	↘	○	SE
12 577	↘	○	E
13 270	↘	○	SE
14 214	↘	○	E
15 250	↘	○	SE
16 489	↘	○	E

SOLUTION

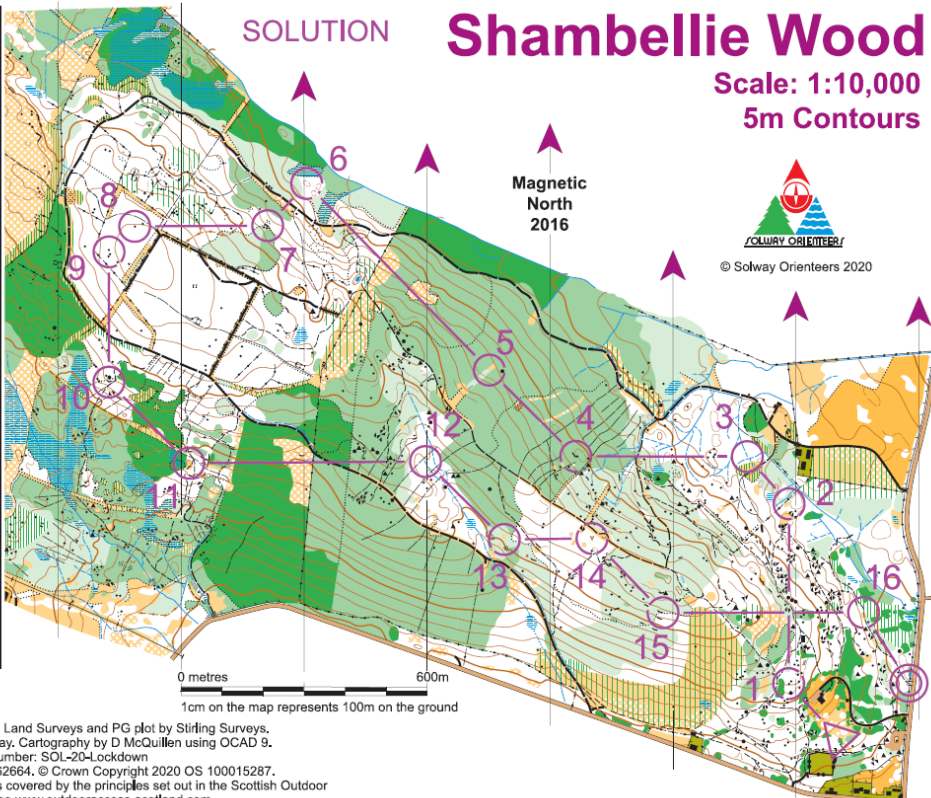
Shambellie Wood

Scale: 1:10,000
5m Contours

Magnetic North 2016

SOLWAY ORIENTEER

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0 metres 600m
1cm on the map represents 100m on the ground

Follow Path 205m to Finish at a Gate

www.outdooraccess.net 10014 Solway Orienteers
ISOM 2017 Symbol Set used

Extract from the April 2002 map by Peel Land Surveys and PG plot by Stirling Surveys. Resurvey 2016-19 by members of Solway. Cartography by D McQuillen using OCAD 9.
© Solway Orienteers 2020, BOF map number: SOL-20-Lockdown
Grid reference SE corner of map: NX/962664. © Crown Copyright 2020 OS 100015287.
Access to the land shown on this map is covered by the principles set out in the Scottish Outdoor Access Code. For further information see www.outdooraccess-scotland.com.

A correctly scaled PDF version of the map can be downloaded from <https://www.scottish-orienteering.org/download/125/puzzles/14021/soa-puzzle-40-map.pdf>



Shambellie Woods in Dumfries and Galloway is home to some fine Scots pines, and has lots of nooks and crannies to explore and provide interesting orienteering.

Thanks to Dave McQuillen from SOLWAY Orienteering Club for creating this challenging puzzle.

