British Autumn TrailO Weekend
Incorporating the 2024 British TrailO Championships (BTOC)
Saturday 12 October / Sunday 13 October.

FINAL DETAILS *(v2 - updated 10 October)*

Information for all Events

Key TrailO rules:

- TrailO is an individual sport with competitors reaching decisions on their own. When on the course do not discuss controls with other competitors.
- Do not enter the terrain. Follow the designated routes to/from the start/finish.
- Stay on the main track during the event. Do not use side paths – observe purple bars on the map. Do not cross any tapes (e.g. towards end of PreO at Burnham Beeches).
- No mechanical or electronic navigation aids, other than an odometer and a watch are allowed. A magnifying glass either incorporated in the compass or separate is allowed. Binoculars are prohibited.
- Competitors should not carry any device that can transmit or receive information, including positional information on the course (in particular, mobile phones).

Zero tolerance: To be correct, the control kite will be within 4m of the designated location.

Control cards/SI dibbers/Number bibs/Pjn punches: For the PreO, these should be collected from the event centre before heading to the start. For the TempO, any uncollected numbers will be at the event centre. For the PreO Sprint, these (but not bibs) will be at the Start. If competing both days, you will use the same bib/number and SI dibber. Please fix the bib on your front so it is visible to officials (particularly important for the TempO). Safety pins will be available.

Order of punching your answers: For the PreO, controls can be done in any order in each part but ensure that you complete a part before finishing it. For the PreO Sprint, controls before the one-way section (1-13) can be done in any order before entering the one-way section. Controls after the one-way section (15-20) can also be done in any order.

Start times: Start times have been allocated for PreO and TempO. Please be at the start at that time. If you are late, you will need to wait until there is a suitable gap. Although start times have been allocated, once you have started at an event, you do not need to keep in that order. In particular, for the TempO, if you are quick at walking, you may overtake an earlier starter who may be slower.

Solution Maps: Once everyone has started, competitors will be provided with solution maps when they are back at the Event Centre. Online versions will be provided in the evening on the BTOC page of the British TrailO web site: TrailO - British TrailO Championships (BTOC) (britishorienteering.org.uk)

Prize giving:

There will be a single prize giving on Sunday at about 15.00 for the **British TrailO Championships (BTOC)**, and, if available, for the winners of the **2024 British TrailO League (BriTOL)**.

- Medals will be awarded for the first 3 eligible British competitors in each Elite class: for the PreO - Open, P Class and Junior; for the TempO - Open and Junior.
- A small token prize will also be awarded to the best Elite competitor each day (whether eligible for BTOC or not) in each Elite class *(as above)*.
- A certificate will be awarded to the best A class competitor each day.
- Based on the overall performance over the PreO and TempO, a BTOC trophy will be awarded to the best eligible competitor in both the Open and P-Class categories. The overall performance will be calculated as: '*Time taken at TempO plus 120 seconds per error on the*

PreO course. In the event of a tie the time taken at the PreO timed controls (including penalties) will be used as a tiebreak.'

Helping: It is always helpful to have TrailO enthusiasts as volunteers at TrailO events. Whilst recognising that a competitor's priority is to perform well in the event, all offers of help would be much appreciated. Please contact David Jukes (davidjukes@sky.com) with any offers.

Results: We have arranged to use the on-line results system which is frequently used at European TrailO events – **Trail Open Project**. This can be found at: **https://top.yq.cz/**. However, competitor data will be entered manually so there may be a delay in generating accurate results – we will do our best to make them available quickly.

Complaints and Protests: Although there are no detailed British rules regarding complaints, for the BTOC events we will be trying to match the IOF system. This means that any potential complaint should be discussed with the Organiser who will try to resolve it. A written complaint can be submitted if the competitor feels that this is appropriate. To be considered, written complaints must be submitted within 15 minutes of the event results being considered final (note that we may need to set an earlier time to ensure that we can clear the venue before dark). Following appropriate consultation, the Organiser will provide an answer and, if the complainant still wishes to pursue the issue, they must then submit a written 'protest'. This will then be considered by the Jury who will make a final decision.

Timed Controls/ TempO Stations: It is expected that competitors will speak their answers. If you wish to use a pointing board, please contact the organiser in advance for this to be provided.

Individual Event Information

Event 1 - PreO event at Burnham Beeches

Location: Burnham Beeches is to the north of Slough and SE of High Wycombe. Two bus services run from Slough Railway Station towards High Wycombe which pass close to the area (10 minutes' walk). Service numbers 103 or X74 operated by Carousel - see: Buses in and around Slough - Carousel Buses. Bus stop: The Forester's Arms. Cars enter along Lord Mayors Drive. There is no post code for the car park, but SL2 3PS will get you close; Grid reference: SU956850; for what3words, use 'simple.fund.smiles'.

Parking: We have been allocated the 'Overflow Car Park' which is beyond all the main car parks and cafe – follow signs and turn left at the end of the Drive. As there is no ticket machine in the Overflow Car Park, it would be easiest to use a machine in a standard car park first before continuing onto the Overflow Car Park. The standard charge is £3.00 for the day; Blue Badge holders can park free but registration is needed. For more details, including charges, see: Car parking at Burnham Beeches. *See also the images at the end of these details.*

Facilities: There is a small café (The Beeches Eco Café) offering a good selection of snacks close to the car park as well as public toilets (including two suitable for the disabled). Users of the café may have access to their Wi-Fi (password protected).

Start times: Starts times are being allocated between 12.00 and 13.30. See Start List for your time. Please arrive at the start in plenty of time – if you miss your start, you will need to wait for a suitable gap.

Terrain: Burnham Beeches is a mature natural beech forest and is a National Nature Reserve, a Site of Special Scientific Interest and a European Special Area of Conservation. The terrain, a valley through an area of chalk and clay, includes former quarries as well as current and former sink holes. This provides areas of complex contours. There are sometimes cattle roaming free in the wood – they are mostly docile but please be cautious. With good weather, the area is popular with the public – please respect their right to also use the woods.

Map: New - 1:4000 / 2 metre contours. Previously used for FootO but not for TrailO. Completely revised and updated with Lidar data. Map surveyed and drawn by David Jukes, April-August 2024. For the most recent FootO map, see: [2023-09-09 Burnham Beeches Saturday Series](#)
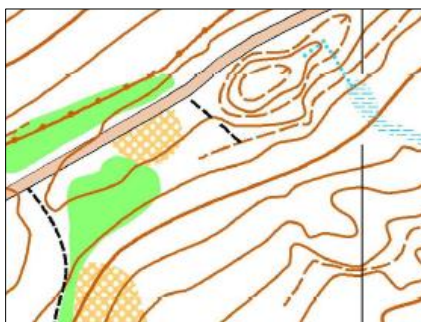
Mapper's notes: As an area of mature natural woodland, the vegetation is mainly large trees with younger saplings and holly bushes. Visibility is often good but can be restricted in places – moving will in most cases give sufficient view. A green screen has been used to show some areas of thicker vegetation where visibility is more limited – their edges are often vague and should not be used for bearings. There are some fallen trees but rootstocks have not been marked. Areas of more open ground without large trees but often still with some saplings, have been shown using the 'rough open land with scattered trees' screen.

Course details:

- *Elite (BTOC):* 26 controls in 2 parts: 0.3km with 10 controls; 2 Timed Controls; 0.2km with 16 controls. Maximum time for course – 93 minutes (same for P-class)
- *A Class*: 18 controls in 2 parts: 0.3km with 5 controls; 2 Timed Controls; 0.5km with 13 controls. Maximum time for course – 78 minutes

Note for A Class competitors: When several possible kites are provided for a control (e.g. A-C or A-E), the answer will not be zero (Z). When only a single kite is provided (A), the answer will be either A or Z.

To improve visibility, a few distant controls will have two kites – the second one will be below the standard kite.

Both courses use the same Timed Controls. Each has 3 problems with 6 kites (A-F from left to right). There are no zeros (Z). Maximum time 90 seconds, 60 second penalty for an incorrect answer.

There is less than 5m climb on both courses. The surface is firm and fairly smooth throughout. There will be tape to mark the edge of the track in some locations where it is indistinct; do not cross (or go round!) the tape.

The total distance from the event centre and round the course and back is 3km with 30m climb all on firm surfaces. The route to the start is about 520m and involves a 20m descent on tarmac with the steepest section at 11% for the lower half. After the finish, able-bodied competitors should come back through the course for 0.2km (*please keep quiet and do not disturb competitors on the course*) then follow the signs to climb the rutted path to the right. Those who cannot take this route should continue back through the course and retrace the tarmac hill by the first start.

Timing/Punching: Competitors will record their results on punch cards using a pin punch – collect from the Event Centre on the day. Elite competitors have 2 cards: punch card 1 is for Part 1 and the Time Controls; punch card 2 is for Part 2. A Class competitors will have a single punch card. Each punch card is on A4 waterproof paper and should be folded in half so that there is a duplicate of the punch.

Controls can be solved and punched in any order in each part but ensure that you complete a part before finishing it.

Timing will be SI. Ensure you punch/dib at the start and finish of both parts. The second start for the A Class is soon after the second Timed Control. Elites will continue further along the track to their second start. Please remain silent to respect the A Class competitors. It does not matter if, in error, you punch the second start for both courses, so long as you punch the correct one for your course – any extra punches will be ignored.

At the finish, control cards will be checked before being returned to you. Take these back to the event centre and hand in for processing.

Results: Competitors will be ranked on the total number correct minus a penalty of 1 point for any part of each 5 minute unit past the maximum allowed time. For a control to be accepted as correct, there must be only a single punch given for that control – no double punches will be accepted. Those with the same number correct will be ranked on the total time at the two Timed Controls (including penalties).

Jury: John Kewley, Iain Phillips and Graham Urquhart

Officials: Tom Dobra (Planner) and David Jukes (Course Checker / Organiser)

Event 2 – TempO at University of Reading, Whiteknights Campus

> **Note:** *The PreO Sprint will be a short walk from the final TempO station. Please take any equipment you will need for the PreO Sprint when going to the TempO Start. PreO Sprint control cards will be at the Start.*

Location/Parking: The campus is on several bus routes from Reading Railway Station. For example, Route 21 has a regular Sunday service every 20-30 minutes. Get off the bus at the Christchurch Green stop, just before the entrance to the campus – do not enter the campus on the bus as the next stop is in the competition area! For more details, see: Reading Buses. Cars: Enter the campus from the Shinfield Road (A327) via Grid Ref: SU728719. Nearest Postcode: RG2 7BW. Parking (free at weekends) is the second car park on the left in about 100m - Car Park 1a - what3words, use 'save. fence.tricks'.

Facilities: The event will initially be based in the University Sports Pavilion (just 75m NW from the car park); includes use of the pavilion toilets. There will be no catering but a small Greggs store just off the campus and selling bakery items is expected to be open on the day.

Unfortunately, due to another booking at 2.00, we will have to clear the pavilion room by this time. Please do not leave items in the room if you think you might not be back from your course by 13.45. We plan to have a gazebo where kit can be left if necessary.

Start times: Starts times are being allocated between 10.30 and 12.00. See Start List for your time. Please arrive at the start in plenty of time – if you miss your start, you will need to wait for a suitable gap. Leave time to do the Practice/Public TempO station (if wanted) before the start at the first Station, which is 100m further on. The Start is 370m from the University Sports Pavilion.

Terrain: The University is parkland with the main university buildings separated by areas of grass, trees and well-maintained shrubs. The buildings are of varied design. The main section of buildings is generally flat but, to the NE of these, the parkland slopes down across areas of rougher grassland to a large lake. The student halls of residence are around the lake.

Map: 1:3000 / 2.5 metre contours. Area is used for FootO - for the most recent map, see: 2016-12-31 Whiteknights Saturday & Youth League Event - and, many years ago, for a JK TrailO. The map has been recently updated specifically for the event, and brought up to ISSprOM2019-2 Rev6 standards, with the following exceptions relevant to this competition:

▬	**gravel or sand**
——	passable wall - **short (benches)**
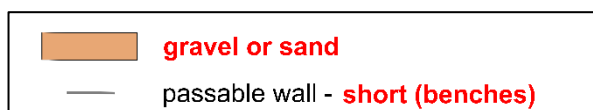
(The Stony Ground control description symbol refers to an area of gravel.)

Trees, and bushes, are mapped conventionally, plus a canopy where appropriate, with an eye to the future so that most saplings are included; low canopies that restrict visibility are shown by increasingly dark shades of green.

○	prominent large tree
•	prominent bush or small tree

Most shrubbery alongside buildings is mapped as uncrossable vegetation (411), with olive-green (520 Area not to be entered) mostly constrained to private areas/behind uncrossable fences. Much grassland is now left to grow long during the summer, and is shown as 403 Rough Open; some of this has now been recently mown, but it is still obvious.

Kerbs have been omitted where appropriate to show accessible routes. Building canopies have not been included when they lie above the second storey.

An updated map example (c 125m x 100m) from outside the competition area, which can also be seen on Google Street View from September 2023:

Course:

- *Elite (BTOC):* 8 Stations x 5 tasks; length 700m.
- *A Class:* 6 Stations (the Elite 1-6) x 5 tasks; length 400m.

Each station has 5 tasks with 6 kites (A-F from left to right), zeros (Z) will be possible. Maximum time at the station, 150 seconds; 30 second penalty for an incorrect answer.

Map packs will be loose by default. It will be possible to bind them on the top edge with Treasury Tags if required for ease of physical handling, but the competitor will be asked to return to the STOP sign whilst this process is completed by the marshals.

There is one occasion when competitors will be escorted to the station from the STOP sign by an umbrella holder, otherwise the kites will be too visible. Competitors will be required to keep their eyes down to the ground and not look around the umbrella (held horizontally)

Route out/Practice Station:

Follow signs from the pavilion back past the car park towards the main campus buildings. On the way you will pass a **self-help Practice Station** where you can familiarise yourself with the layout of a station and the system used for the maps for each task. After this station, continue to the 'STOP' sign and wait to be called forward for Station 1. Progress around the stations following signs and waiting at each STOP sign until called forward. The marshals will write your answers and time taken on the record card and return it to you. The record card will be split for processing at the PreO Sprint Start.

Route onwards:

- *Elite (BTOC) – from Station 8:*
    - *To Sprint PreO:* 325m along a pavement and paths.
    - *To Event Centre:* 575m along pavements (past car park).
- *A Class – from Station 6:*
    - *To Sprint PreO:* 225m along paths.

o   *To Event Centre:*   440m along paths and pavements (past car park).

Results: Competitors will be ranked on the total time taken at all their stations (including penalties).

Equipment: Answers given at the stations will be recorded by the marshals and copied onto the competitors record card. Record cards will be collected at the PreO Sprit start or can be taken back to the event centre (if not doing the PreO Sprint).

Jury: John Kewley, Graham Urquhart and Colin Duckworth

Officials: Charles Bromley Gardner (Planner), Ken Williams (Controller) and David Jukes (Organiser)

Event 3 – PreO Sprint at University of Reading, Whiteknights Campus

Terrain / Map / Location / Facilities: As for the TempO above – **except map is 1:4000 on A5** waterproof paper.

Start times: No times have been allocated. Competitors will go direct to the start of the PreO Sprint event once they have completed their final TempO station. PreO Sprint competitors who are not entered for the TempO can go direct to the PreO Sprint start. Starts times are expected to be between 11.30 and 13.00 but will depend on the progress of the TempO. Competitors will probably start immediately on arrival from the TempO (but may be subject to a short delay if the course appears crowded).

Equipment: Competitors will record their results on punch cards using a pin punch (available at the Start on the day). The punch card is on A4 waterproof paper and should be folded in half so that there is a duplicate of the punch. Timing will be SI. Ensure you punch/dib at the start and finish.

Course: One course: 20 controls, 230m; time limit 30 minutes. All controls are either correct (A) or incorrect (Z). Due to the limited path width at one point on the course, there is a short one-way section – only move forward in this section. This is marked on the map and will be signed and will be clear to competitors during the event.

To improve visibility, a few distant controls will have two kites – the second one will be below the standard kite.

The controls are split: 13 controls / one-way section with 1 control / 6 controls. Controls before the one-way section (1-13) can be solved in any order before entering the one-way section. Controls after the one-way section (15-20) can also be solved in any order. At the end, ensure you punch the finish SI box and allow the finish official to check your control card. Then return to the Start to hand in your control card, and then back to the Event Centre to return borrowed equipment.

Results: Competitors will be initially ranked on the number of controls correct minus a penalty of 1 point for each 1 minute (or fraction used) past the maximum allowed time. Competitors with the same score will then be ranked on the time taken. P-Class competitors' time taken will be calculated as real time x 0.85.

Officials: David Jukes (Planner).

For additional information about TrailO, see the TrailO section of the British Orienteering website at:

https://www.britishorienteering.org.uk/site/trailo

Please contact the Organiser, David Jukes, if you need additional information: davidjukes@sky.com

Images for parking at Burnham Beeches

(see email address for registration if using Blue Badge)

Parking tariffs

All motor vehicles except coaches* and minibuses*	Monday - Friday (excluding bank/public holidays)	Up to 2hrs £1.50 Over 2 hrs £3.00
	Weekends and bank/public holidays	£3.00 per day
Coaches* and minibuses* *17 seats or more	At all times	£18.00 per day
Blue badge holders meeting the conditions below		FREE

This location is 28452

This land is privately owned by the City of London Corporation

PARKING CONDITIONS APPLY AT ALL TIMES

Pay and display charges apply at all times - see tariffs above for daily charges

Pay and display tickets are non-transferrable

Disabled drivers clearly displaying a valid blue badge are required to register their vehicle registration on arrival, via email (permits@district-enforcement.co.uk) or telephone, to obtain exemption from the pay and display charges. A valid blue badge must also be on display at all times whilst parking on site.

A CHARGE of £70 per day, payable within 28 days, will be due from the driver of any vehicle using this site who AT ANY TIME either:

- fails to clearly display a valid pay and display ticket or fails to make payment for a valid parking session, or
- parks in a disabled bay without registering their vehicle details and fails to clearly display a valid blue badge, or

Disabled drivers clearly displaying a valid blue badge are required to register their vehicle registration on arrival, via email (permits@district-enforcement.co.uk) or telephone, to obtain exemption from the pay and display charges. A valid blue badge must also be on display at all times whilst parking on site.