



Jan Kjellström International Festival 2016

Event Programme

Welcome!

The Yorkshire and Humberside Orienteering Association welcomes competitors from across the UK and over 21 other countries to the 2016 Jan Kjellström International Festival of Orienteering in Yorkshire.

This is the final, published version of the event programme, and will not be updated. Any subsequent changes will be posted as news items on the JK website (www.thejk.org.uk), on Twitter as @thejk2016 and on Facebook at www.bit.ly/JKfacebook.

The programme is in 6 sections and there is an index at the end:

General Information	2
Day 1: Friday 25th March 2016 - Leeds University – JK Sprint.....	10
Day 2: Saturday 26th March 2016 – Wass.....	14
Day 3: Sunday 27th March 2016 - Kilnsey	17
Day 4: Monday 28th March 2016 – Storthes Hall - JK Relays	20
Layouts and Courses	24
Index	30

General Information

British Summer Time

The UK will change from Greenwich Mean Time (GMT) to British Summer Time (BST) overnight from Sat 26th March (Day 2) to Sun 27th March 2016 (Day 3). Days 1 & 2 will operate in GMT and Days 3 & 4 will operate in BST (GMT+1). Competitors are advised to ensure they adjust their clocks to avoid being 1 hour late on Day 3.

Travel and Parking

Travel and parking details are under each day section. Wherever possible, please share transport on all days. The recent wet weather has forced changes to our original plans and we have less space for parking on some days.

Priority Parking permits have been offered for those with children aged 6 and under, parents with split starts, competitors in M/W80+, and anyone else who has a good reason. Those who have requested them should get them by email by 18th March, but email entries2016@thejk.org.uk if this does not happen by this date. Priority parking is available on Days 1, 2 and 3.

Blue badge holders will get separate instructions but parking very close to the arena will be difficult on some days.

Those coming in the minibuses and campervans as indicated on the entry forms will get special instructions for parking emailed to them.

Owners of 4x4 vehicles will be emailed a notice to print and display in their windscreen as they may be directed to more challenging spots for parking, although no further away.

Dogs

Dogs are allowed on leads in the car parks on Days 1, 2 and 4. They are not allowed in the arenas or on the courses. There is a strict 'No Dogs' policy for priority parking, helper and minibus parking on Day 3 because this parking and the arena are close to where sheep will be starting to lamb. Dogs can be on leads at Threshfield Quarry car park on Day 3 but owners will have to decide if it is wise to leave them there for such a long time. They cannot be taken on the buses.

Biosecurity

Please come to JK 2016 with clean orienteering shoes and make every effort to clean them after each race.

Clothing and Equipment

Full leg and torso cover is compulsory on Days 2, 3 and 4. There is no clothing transfer on any day.

Whistles are compulsory on Days 2 and 3 and, along with leg and torso cover, will be checked on the route to the start. Whistles are advised on Day 4, but not compulsory unless conditions determine otherwise.

Cagoules may be compulsory on Days 2, 3 and 4, and if so, notices in the car parks and in the arena will indicate this.

No spikes are allowed on Day 1 and competitors are requested to keep dirty footwear outside the buildings on Days 1 and 4.

Safety

Competitors are responsible for their own personal safety and for assessing their own abilities to complete their chosen course.

Competitors:

- must not run if unwell and should ensure that proper preparations are undertaken in the event of adverse weather conditions, particularly on Days 2, 3 and 4;
- are strongly advised to complete the reverse side of their race number with contact details and relevant medical information;
- must carry a whistle on days 2 and 3;
- must have available a waterproof, hooded top/Cagoule as these may be mandatory for any of the events depending on weather conditions;
- should report any concerns about missing competitors to Enquiries or any Event Official.

Parents and adults in charge of young people under the age of 18 years are responsible for their safety and ensuring that youngsters are fit and clothed for the conditions. They should check that the reverse side of the young person's race number is completed properly. Take great care in car parks and alongside or crossing roads. Lost children should be brought to Enquiries. Concerns about missing children should be reported to Enquiries or any Event Official.

Lone travellers are advised to leave their car keys in an envelope with emergency contact details written on the outside at Enquiries (anyone else who wishes to may also use this facility). Envelopes and pens will be provided.

First Aid is available at the Arena on all 4 days and at the remote finish on Day 2. A member of the First Aid Team will go out to any injured competitors unable to make their own way to the finish.

Competitors needing to contact the event organisers in an emergency should call 07843 766900. This number is for emergencies only and must not be used for general event enquiries.

Club Tent Transport Service

A van will be available to transport club tents between venues. It will be in the car park at Leeds (where club tents cannot be used) and near the arenas on other days. Club tents must be clearly labelled with club name and contact details. Times for dropping off and picking up tents are:

Friday	1100 to 1730
Saturday	0800 to 1730
Sunday	0800 to 1730
Monday	0800 until empty

TrailO

At JK2016 there are competitions in both disciplines of TrailO; TempO and PreO. You can find a description of the disciplines and rules and useful tips on the British Orienteering website.

On Day 1, TempO is at Leeds University campus. The TempO course is a short walk from the main arena. It will be feasible to do the course before or after a sprint run. The route is flat and on paved or tarmac surfaces. Starts are from 1200 to 1500. On Day 2, the PreO course will be at Ampleforth Abbey, which is a short drive from Wass Forest. Starts are from 1200 to 1600. Competitors taking part at Wass should ask for fairly early starts. Expect the time allowed for the Elite PreO course to be about 2 hours, and about 80 mins for the Standard course. The route slopes down on the outward leg. It climbs 35m over 600m on the return. It is entirely on tarmac paths and hard standing areas.

There are medals for the first three in the Junior and Open classes for the Day 1 TempO. There are medals for the first three in the Junior, Open & Paralympic classes for the Day 2 PreO.

Arenas

Information, enquiries, equipment traders, caterers, toilets, space for club tents, First Aid, download, start lists and results display will be in the arenas on Days 2, 3 and 4. There will be a variety of catering from the usual orienteering suppliers supplemented on Day 4 by a local sports club. Day 1 is slightly different because most facilities will be indoors, and there will be no space for club tents. A good variety of catering will be provided by Leeds University Union outlets. Please support our caterers as much as you can.

The Arena at Wass could be muddy if there has been recent rain. There was a winter crop in the field. Grass is starting to grow through, but recent exceptionally wet conditions have not been helpful.

Toilets

Toilets will be located in all the arenas. They will be indoors at Leeds University. On Days 2 and 3 very limited toilets will be located at the starts for elites, emergencies and helpers. On Day 3, there will be limited toilets in the main car park.

Rubbish and Litter

Rubbish skips will be available on Days 2, 3 and 4 but please help us by taking as much rubbish as possible home. There will be rubbish sacks at the starts on Days 2 and 3 for items such as squashed plastic water bottles – no glass please.

JK Merchandise

Pre-ordered O tops and Giraffes will be available for collection near Enquiries in the Arena each day. There will be a limited supply of both for sale, and some JK water bottles for sale at the events. Opening times will be open as for Age Class enquiries whilst stocks last.

Enquiries

This will be open well before the first start time on each day, but check the timings under each day. As well as a General Enquiries point, there will be each of the following sections on most days.

Bib collection for collection of bibs and pins. Bibs will be in numerical order and there will be an alphabetical list available for those who do not know their number. Anyone who has requested an alteration since entries closed on 3rd March, hired an SI card, or needs a replacement SI card must collect their bib and make any payment due at **Age Class Course Enquiries** or **Colour Coded/Novice Entries**.

Age Class Course Enquiries for collection of any hired or replacement SI cards, any changes to entries, collection of any bib where there has been a change of details since 3rd March, replacement of any lost or damaged bibs, or any other queries connected with age class entries.

Colour Coded/Novice Entries for EOD, collection of any hired SI cards, bib collection where there has been a change of details since 3rd March, replacement of any lost or damaged bibs, or anything else connected with colour coded or novice entries.

Relay Enquiries is intended only for club representatives to collect team declaration sheets on Friday and Saturday, return team declaration sheets and collect relay bibs on Saturday and Sunday up to 1600. On Monday it will only be open for emergency team changes.

General Enquiries. As well as any general enquiries to point people in the right direction, car keys can be left, any trophies can be returned, lost or found can be reported. Maps for non-starters will be available from here the day after each event. Complaints and protests can be made here; please ask for a complaint/protest form.

Entry on the Day Information, Changes to Classes and Start Times, Charges.

Entries for TempO and Standard PreO cost £6 for seniors and £3 for juniors. The elite PreO costs £12 for seniors and £6 for juniors. Entry for these courses should be made at the start of the TempO and PreO courses and not in the Arena.

EOD entries to White, Yellow and Orange courses cost £6. EOD entries for the Novice and Light Green courses are £12 for seniors and £6 for juniors. EOD entries will be given a race bib which should be kept for use on future days.

If an extra map is required for shadowing or competing as a pair, the charge will be £1. The race bib of the main competitor will be marked at Colour Coded/Novice entries to indicate that this has been paid, so that the start team know of the entitlement to a map. See below for where shadowing and pairs is permitted.

Daily SI card hire is £1 for seniors and 50p for juniors. The charge for a lost standard SI card is £30. Hired SI cards must be left at Download on the last day of use.

If age class course or start time changes can be allowed on the day, the fee for any change will be £2. On days 2 and 3, a class change will also require a start time change so the fee will be $2 \times £2 = £4$. On day 1, there will be no fee for a start time change as no start time will be allocated so a class change fee will be just £2. Junior changes will incur half these fees. Bibs will be marked distinctively at Age Class Enquiries with the new class and/or start time where appropriate. To help with information at the start, all such competitors must first report to the late start lane on Days 2 and 3, or the Late Start tent on Day 1, as soon as they get to the start, and before going through the normal start procedure. Competitors on the elite courses cannot request a start time change.

Any Colour Coded/Novice EOD, or any class/start time changes will only be possible if there are maps and start slots available.

Cancellation Policy

This event is covered by the standard British Orienteering Major Events Cancellation Policy and Procedure and Cancellation, Curtailment and Refund Policy. Both are available on the British Orienteering website.

Race Bibs

Race bibs must be worn unfolded & visible on the chest by all competitors including those on colour coded and novice courses. Bibs are not required by TempO and PreO competitors. All competitors including elites will use the same bib for Days 1, 2 and 3. Competitors without a bib will not be allowed to start. Safety pins will be provided. Badly damaged or lost race bibs must be replaced at Age Class Enquiries or Colour Coded/Novice Entries.

For your own safety, please provide emergency contact and relevant medical information on the back of the race bib including the new one issued for the relays.

Day 4 Relay Race bibs can be collected by club representatives from Relay Enquiries on Days 2 and 3 on return of team declaration forms. Relay team race numbers have coloured bands: Red - Lap 1, White - Lap 2, Blue - Lap 3.

Maps

Previous maps of the areas will be on display in the arena on the day of each event, and on the day before each event (except for Leeds). After leaving the car parks on the day of each event, except for looking at the official display of these old maps, competitors are not permitted to look at any other old paper or electronic orienteering maps of the area until after they have competed.

Competition maps for all days are printed on waterproof paper. They are not bagged. Those who prefer to use a map bag should bring their own. The map dimensions are given in the course tables for each day. Day 2 and 3 maps are offset litho printed on 150gsm Coated Pretex paper. Day 1 and 4 maps are digitally printed on 120gsm Pretex paper.

There are no legends on the maps except for the out of bounds and uncrossable features on the Day 1 map. There will be a limited supply of loose legends for courses 28, 29 and 30 on Day 3, available at the starts and from General Enquiries.

Control Description Sheets

All course maps have pictorial descriptions printed on the front. Pictorial loose descriptions will be available in the start lanes on Days 1, 2 and 3 for all courses. In addition, courses 15 and 16 on Day 1 (Novice, M/W10, M/W12) and courses 28, 29 and 30 on Days 2 and 3 (White, Yellow, Orange, M/W10A/B, M/W12A/B, M/W14B) will also have written loose descriptions. Control description sheet dimensions will be in the course tables for each day.

GPS Data Loggers

British Orienteering Rules state that "Competitors are permitted to only use a GPS device to record data for use in post-race analysis." IOF Competition Rules forbid the use of GPS devices unless there is "no display or audible feedback". Anyone found breaking these rules will be disqualified

Electronic Punching

The SportIdent system will be used for all classes.

SportIdent AIR will be in use for elite competitors on Day 1. Except for the last control and the finish, elite competitors have separate controls on this day. SportIdent have kindly agreed to loan a SIAC card to elite competitors who do not have their own. Bibs for such competitors will be retained at Age Class Enquiries and the loaned SIAC cards can be collected when bibs are collected.

Course 1 (M21E) on Day 3, course 5 (M21L) on Day 2, and course 6 (M35L) on Day 2 have more than 30 controls. Competitors with version 5 (number 1-499,999) or version 8 (numbers 2,000,000-2,999,999) SI Cards MUST borrow a high capacity SI card. Bibs for such competitors will be retained at Age Class Enquiries and the replacement high capacity cards can be collected when bibs are collected. The high capacity card must be used for every race during the weekend except for M21E competitors who need a SIAC card on Day 1 and a high capacity card for other days.

Those needing SIAC cards on Day 1 and/or high capacity cards have been identified and their bibs retained, but please check at Age Class Enquiries if you think you have been missed.

The loaned SIAC cards must be returned at Download on Day 1. Other replacement and hired SI cards must be returned at download after their last use. A charge of £30 will be made for lost or non-returned standard SI cards. The charge will be £38 for high capacity cards and £57 for SIAC cards.

If an SI unit fails to flash and beep, use the backup pin punch to punch along an edge of the map.

Shadowing/Pairs

Shadowing (or competing as a pair) is not permitted on any age class course, on the Light Green course, on the TempO and the Elite PreO courses.

Shadowing (or competing as a pair) is permitted on the Novice Sprint, the Standard PreO, White, Yellow and Orange courses. Persons shadowing may only do so after they have completed their own run.

Start Lists

These will be displayed with the Results boards in the Arena on each day (indoors on Day 1 at Leeds). Start times are also listed on SI Entries.

Starts - General Information

Day 1 - There is a single start for Day 1.

Day 2 – There are two starts; **West Start** and **East Start**.

Day 3 – There are two starts; **North Start** and **South Start**.

See the course table for each day and also your bib for allocation of courses to starts.

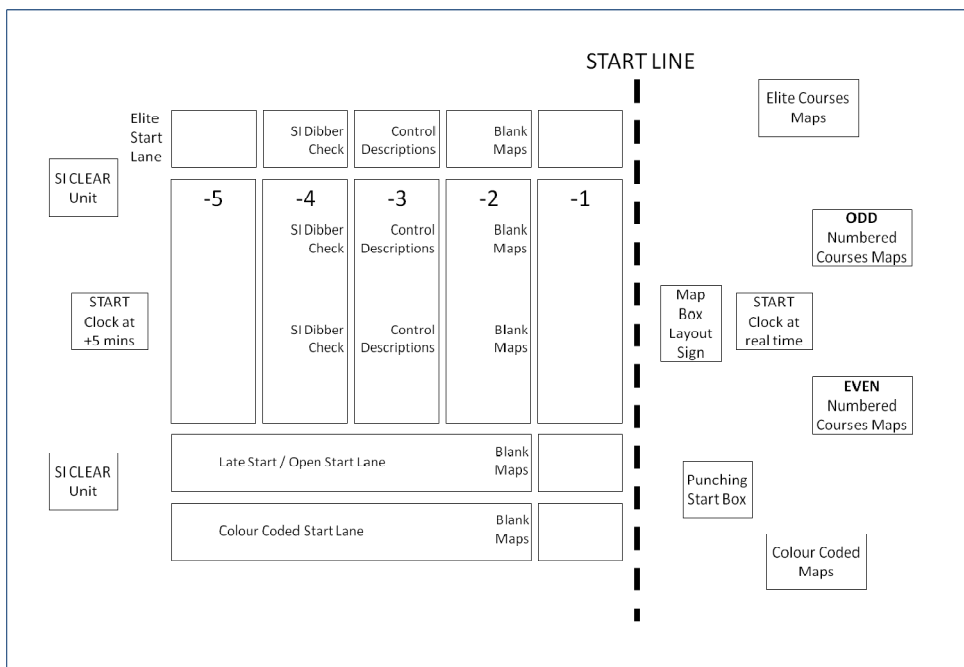
Elites will have a timed start on all 3 days.

On Day 1 all competitors except elites will have a punching start **BUT everyone is expected to start at their allocated start time**.

On Days 2 & 3, all competitors will have a timed start, except for parents with split start times, helpers and colour coded competitors.

Start procedures

The basic start layout for Days 1, 2 and 3 is shown in the diagram below.



At some starts the colour coded, elite and late start lanes are not required and so they will be omitted.

At the pre-start there will be a notice showing the allocation of age classes to each course, a sample control and clear stations. There will be no start lists for competitor viewing at the starts, but these will be on display in the Arenas.

To allow competitors to concentrate on racing, starts will be as silent as possible. Competitors are asked to be quiet in the start boxes and officials will avoid speaking unless necessary. The usual standard instructions given on the start line will not be given, but they are summarised here.

1. The Start Kite will either be visible from the start line or there will be a taped route to it.
2. There will be a sign on the start line showing the layout of the map boxes.
3. Competitors may step over the start line 10 seconds before their start time, but **must not** start until they hear the long beep from the start clock.
4. The competitor **must** take the map placed for them under the map box and should check that it is the correct map for their course.

Late Starters (non-Elite)

On Day 1 anyone late should report to the late start tent at the pre-start where they will be given a start time.

On Days 2 and 3 anyone late should use the 'Late start lane'. Your start time will not be changed. Please start as instructed by the start officials, including punching a start box to record your actual start time. This will normally be 30 seconds after another runner on your course. If you are seeded, then you will not be allowed to start within 4 minutes of another seeded runner.

Elite Starts

On all 3 days a separate elite start lane for all Elite classes will be set up. All Elites will have a timed start on all three days.

Elite start times for Days 1 and 2 will be printed on bibs. Elite start times for Day 3 will be available on Saturday evening via the website, and displayed in the arena and at the start on Sunday morning. It would help if elites could write these Day 3 start times on their bibs.

Elite Late Starters

Elites who arrive at the start line less than half the start interval after their start time will be allowed to start at that half start interval. Elite Late Starters who arrive at the start line more than half the start interval after their start time will be allowed to start at the next available half start interval. The start intervals are 1 minute on Day 1 (Sprint), 2 minutes on Day 2 (Middle distance) and 3 minutes on Day 3 (Classic long). Hence the half start intervals are 30s, 60s and 90s. Elite start times will not be changed. Elite late starters should not use the late start lane.

Parents with Split Starts and Helpers with Open Starts

These competitors should use the late start lane on Days 2 and 3, or visit the late start tent on Day 1. They will be allocated to the first free start minute on their course. On days 2 and 3 if they are seeded they will be allocated a time at least 4 minutes away from any other seeded runner on their course.

Colour Coded Starts on Days 2 and 3

Colour coded competitors will have their own start lane. Pre-entries will have a start time allocated but they will still use a punching start. White and Yellow colour coded competitors will be given their map once in the colour coded start lane. These maps must not be seen by any other competitors. Any accompanying adults must either have competed already or not be competing.

Colour coded competitors entering on the day will have open starts and will be allocated to the next available colour coded start time by the start officials.

On the day Age Class and/or Start Time Changes

Changes of Class for all days, and changes of Start Time for Days 2 and 3, will be written on bibs. No start time will be allocated on Day 1. On Day 1, anyone already given a class change by Age Class enquiries, or any start time change request should report to the late start tent at the start where they will be given a start time. On Days 2 & 3, on arrival at the start, such competitors should first report to the late start lane to pass on information. After that they should follow the normal procedure on their allocated start time, though their name will not be called.

Water

Water will be provided at the finish on Day 2 but not on any other days. Water will be available for the longer courses on Day 3. There will be 4 points on the M21E course and 2 points on the W21E course. Water points will be marked on maps.

Crossing Points

There are a number of crossing points on courses. At some there are tall ladder stiles which can take time for slower runners to cross. If you are a slower runner, please consider allowing faster competitors to pass you before climbing a stile. Day 3 has tall ladder stiles, although there are none on courses for M65+ or W55+.

Coloured Tapes

Red and white tape is used in arenas, car parks, and on courses to mark out of bounds, boundaries, and lines not to be crossed. Blue and white streamers are used for marked routes on courses, and other routes that competitors should follow e.g. to starts, or to the arena from car parks. Black and yellow tape is used for danger areas. Except where it is on the ground to indicate a trip hazard, it must not be crossed.

Finish

All competitors must report to the finish and download even if they retire. This is especially important on Day 2 where the finish is remote from download and the arena. Download is a safety check so that we know that competitors have completed their course and returned to the arena. If you do not download we must instigate emergency procedures and all that that entails.

Map Collection

All Elite maps will be collected on Days 1, 2 and 3, until the time of the last start. These maps will then be available for collection from General Enquiries. Other competitors' maps will not be collected on Days 1, 2 & 3. In the interests of fairness, please do not show maps to any competitor yet to start. On Day 4, all maps will be collected and will then be available to club representatives after the mini mass start, estimated at 12.15.

Results

Results will be displayed in the Event Arenas during the competition and posted to www.thejk.org.uk as soon as possible after each race. Routegadget 2 will be available via the JK 2016 website or directly at www.jk.routegadget.co.uk as soon as possible after the results are available. The previous day's results will be posted in the Arena on the next day.

Local Wireless Network

SPORTident will erect a Wireless Access Point with a range of up to 400m near to the download tent. Those who bring a suitably enabled device with web access should be able to connect to our wireless network "SPORTident" and view provisional results. Your device will automatically locate our Live Results when you go to any web address. There will be no cost, as this will be provided through a local intranet.

Complaints and Protests

Any complaint should be made on a complaint/protest form available from General Enquiries. This should be as soon as possible after the problem has been identified and in any case within 2 hours of the latest starting time on each day. The Organiser will provide a written decision on the complaint. A written protest can be made against the Organiser's decision to the Controller who will, if necessary, convene a Jury. World Ranking Event protests must be made at General Enquiries on the complaint/protest form within 15 minutes of the complaint adjudication.

Prizes and Prize Giving.

Medals will be awarded to first, second and third in the premier classes for the Day 1 Sprint, and Days 2 and 3 combined. The premier classes are the E classes for 18, 20 and 21 and the A or L classes for other age groups. All relay classes except the Ad Hoc will also receive medals.

Vouchers or similar prizes will be given to the Elite classes for the Day 1 Sprint, Days 2 and 3 combined, the JK Trophy Relay and Women's Trophy Relay.

Special JK 2016 Giraffes will be given to winners, seconds and thirds for the Day 1 Sprint, and Days 2 and 3 combined in all the premier classes. These will also be given to winners, seconds and thirds in the B classes for 10s to 16s for Days 2 and 3 combined.

Winners, second and third teams in the Relays will get JK water bottles.

Winners, seconds and thirds in the TempO and Elite PreO classes will receive medals and Giraffes.

Prize giving for Day 1 will be in the Terrace Bar inside the Leeds University Union Building at 1615. There will be a flower ceremony for the WRE event, and medals and prizes for age class winners. Presentations on this day will be made by Elizabet Barnes, a niece of Jan Kjellström, and an OMM representative. Elizabet Barnes will also give a talk after the prize giving.

Prize giving for Days 2 and 3 will be in the Arena on Day 3 at 1530 or as soon as possible after results are known.

There will be a flower ceremony for the WRE Long Distance Race, and medals and prizes for age class winners for the combined Day 2 and 3 results.

Prize giving for the relay races on Day 4 will be in the Arena at 1230 or as soon as possible after results are known. This will also include presentations for the best male and female performances.

There will be no prize giving ceremony at the events for TempO and PreO as checking the results takes much longer. Arrangements will be made later.

String Course

Free string courses will be offered on all 4 days. These are indicated on the arena plans and are either adjacent or within 250m of the arena every day. There will be JK mementos for all doing the string courses. Access to the string courses is buggy-friendly on all 4 days, though on Day 1 the last few metres to the start does mean carrying a buggy up a flight of steps or going a longer way round via the TempO entrance. The string course itself is buggy-friendly on Day 1, providing buggies can be carried up the flight of steps to the actual start. These metal steps can be slippery if wet and care should be taken. On other days the string courses are not buggy-friendly.

Xplorer Activity

A free Xplorer activity will be offered on all 4 days, located near the British Orienteering tent in the arenas.

Other Activities

There will be a free DIY Trail O activity on the way to the starts and string course on Day 3. There will be other activities for children adjacent to the arena on Day 4.

Photography

Photography is encouraged at JK2016. There will be official photographers taking pictures at the event, including in the competition areas, and there will be a Photos page on the JK website with links to the various sites, including professional images available to purchase. To avoid photographs of juniors or at-risk adults being published please email the relevant name and bib number to photos@claro-orienteeing.org.uk before the event.

Any person wishing to take photos or video showing children should register their details with the day organisers (contactable via General Enquiries) before taking any such photos or videos. The organisers reserve the right to ask people to refrain from taking photos or video and may, if such warnings are ignored, refer the matter to the police. Photographers should read and comply with section 4.8 of British Orienteering's O Safe Policy. It can be found on the British Orienteering website.

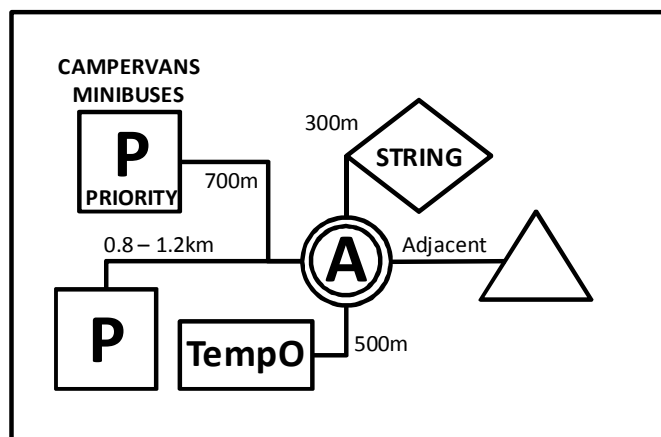
British Orienteering Federation AGM

This will be on Friday 25th March in Meeting Room 6 in the Leeds University Union building immediately after the talk by Elizabet Barnes. All members are invited to attend. Tea, coffee and biscuits will be available for members attending the meeting. Further details at www.britishorienteering.org.uk.

Day 1: Friday 25th March 2016 - Leeds University – JK Sprint

- Sprint Race
- World Ranking Event for M/W21E, M/W20E, M/W18E
- Novice Sprint Course
- TempoO
- String Course, Xplorer

The **Sprint Race** is in the classic urban campus environment of Leeds University, with complex buildings, steps and levels. The campus is not far from Leeds City Centre. The race arena includes the start, finish and elite spectator controls. There will be indoor facilities available, including a variety of catering outlets. TempoO and a string course will be a short walk from the arena with start times similar to the main event.



Location

Leeds University

The car park entrances are on Rampart Road. Lat/Long 53.81283, -1.55875, Grid ref SE 291353, nearest postcode LS6 2RE.

The Arena is at Lat/Long 53.80689, -1.55579, Grid ref SE 293346, nearest postcode LS2 9JZ.

Travel Directions

All competitors should access the main car parking area from the A660 (Woodhouse Lane) onto Rampart Road. Woodhouse Lane is a dual carriageway and competitors turning right from the direction of the city centre should take special care.

From the North the A660 (also known as Otley Road) can be accessed from the Leeds Ring Road (A6120). From the east the A660 Woodhouse Lane can be best accessed from the A64M (follow brown signs towards Universities). From the west the A660 Woodhouse Lane can be best accessed from the A58M (follow brown signs to Headingley Stadium). From the South, use the M1, then M621, then A643, then A58M exiting the A58M onto the A660 (at the same point as competitors from the west).

Priority parkers, campervans and minibuses will receive special instructions to park in the University orange zone car parks. The easiest way to get there once drivers get near is to follow signs for Leeds General Infirmary Accident and Emergency Dept – red H and A&E signs. The orange zone car parks must NOT be accessed through the main entrance on Woodhouse Lane or competitors risk disqualification.

Blue badge holders will also get special instructions for travel and parking.

Competitors are advised to follow the major roads rather than attempt to navigate through Leeds City Centre.

Public Transport

The University is a 20 minute walk (approx. 1.6km) from Leeds railway station. Exit the station by the City Square and walk north.

Several buses from the bus station (numbers 6, 56 and 97) serve the University alighting on Woodhouse Lane outside of the University. From the railway station the nearest bus stop for these services is on Albion Street (10 minute walk).

The Leeds City Bus (50p per journey) runs between the rail and bus stations and travels near to the University. If using this service alight at stop 10 (Leeds Beckett University), walk NE to Woodhouse Lane, then NW along Woodhouse Lane.

In general, buses on Good Friday will follow the Saturday timetable

If walking from the rail station or travelling to the event by bus, competitors must use the main entrance to the University from Woodhouse Lane joining the walking route used by those coming from the car parks. Competitors must not walk through any part of the University campus except via the designated route in to the arena. Any competitor found using any other route in will be disqualified.

Parking

Parking is on Monument and Cinder Moors. Officials will direct cars left or right into the car parks from Rampart Road. Most of the parking is on hard surfaces though grass has grown through in places.

See above under Travel Directions and special instructions sent by email for priority parking, campervans, minibuses and blue badge holders.

Directions from Car Parking to Arena

From the main car parking, competitors must walk to the south end of Monument car park to get to the route to the arena. It will be safer to walk along the adjacent footpath on Woodhouse Lane. Woodhouse Lane and then Clarendon Road should be crossed at the controlled crossings. Competitors should then continue on the footpath along Woodhouse Lane to the main University entrance following the signed route to the arena.

From the orange zone car parking, competitors must walk east towards Woodhouse Lane and then north to join competitors coming from the main car parking.

Timings

- 0900 Car parks open
- 0930 Leeds University Union spaces/toilets open to competitors
- 1000 General Enquiries, Trophy Collection, Bib Collection open
- 1000 Shop and Café open for drinks
- 1030 Age Class Entry Enquiries, Novice Course Entries open
- 1100 Other eating places in the Leeds University Union open
- 1100 Model event opens
- 1130 Relay enquiries open
- 1130 First start time, String course
- 1200 TempO open
- 1500 TempO close
- 1530 Last start time, String course closes
- 1600 All enquiries etc. except General Enquiries close
- 1600 Shops and eating places closed except for Terrace Bar
- 1615 Courses close
- 1615 Prizegiving in Terrace Bar
- 1700 Terrace Bar and all enquiries closed
- 1700 Talk by Elizabeth Barnes in Meeting Room 6 followed by British Orienteering AGM
- 1930 Leeds University Union building closed
- 1945 Car parks closed

Map

A4 size and 1:4,000 with 2.5m contours. Courses 1 to 8 will have a doubled sided map. Part 1 of the course will be uppermost when it is picked up. The last control of Part 1, which must be punched, is in the same place as the start triangle for Part 2.

Two rows of black dots indicate an underpass. This means you can go under the uncrossable walls or bridge symbols marked at either end of the underpass.

Where the underpass is beneath a building, it has been supplemented by the ISSOM Crossing Section symbol to make it more obvious. You can cross this symbol, for example to go east-west on the tarmac at the North end of the first underpass shown below.

Where the underpass is beneath a canopy, the Crossing Section symbol has not been used as it makes the map hard to read, and the underpass symbol is more obvious. For clarity the edges of the canopy have been omitted where they might confuse the underpass symbol, as in the second example below.

There are four underpasses on the map. All four are shown below (two are on the first example).



The olive green forbidden access symbol is used for flower beds and shrubbery areas. Some olive green forbidden access areas will be taped and marshalled to deter access. Any competitor seen attempting to cross these will be disqualified.

Terrain

Leeds University is a classic urban campus environment with complex buildings, steps and levels. Subtle urban sprint route choices abound and seconds can be gained and lost by using (or not!) the best route choices. All courses are mostly on hard surfaces, but there are grassed areas, some of which have steep banks and will be slippery if wet! Please take care as you might well encounter competitors running in the opposite direction.

Model Event

The Model Event area is on the route to the string course. Maps will be in a box. Please take one, use it, and then return it to the box.

Start

The start is on the edge of the arena.

On Day 1, all competitors except elites will punch an SI Start Box to start. There will be no separate "Late start lane". Instead a tent will be erected in the Pre-start area, signed 'Late Starts, Open Start Times'. If you are late for your allocated start time, then report to this tent where you will be allocated to an available start time. This will be written on your race bib. Then proceed through the Start in the normal way. (Note that late starters will **not** be called up).

Finish

The finish is in the arena.

TempO

TempO will be at St George's Field, Leeds University Campus. The area lies 500m to the north of main Arena for the Sprint event and will be signed from there. Registration, EOD and the Start will be at the portico on the north side of St George's Field. Please only approach on the signed route from the Sprint Assembly.

Starts will be from 1200 to 1500. Start times will not be allocated. It is possible to compete before or after taking part in the Sprint. There is no conflict of areas. The finish is close to the start within St George's Field.

The course has 5 stations with 4 tasks at each around a 400m circuit. At each station the total time allowed for the tasks is 120 seconds. Any incorrect answers incur a penalty of 30 seconds.

The terrain is a compact area of landscaped grass and mature trees. Paths are laid-flat gravestones. Some ornate Victorian memorials are still standing. Paths may be slippery. The map is 1:2,500 scale with 2.5m contours adapted from the sprint map by Peter Roberts.

Results will be published on the JK website www.thejk.org.uk after the event.

TempO officials: Planners: Peter Roberts & Christine Roberts; Controller: Wilbert Hollinger; Organiser: Alan & Margaret Parker Telephone (0113) 2685764

IOF and British Orienteering Jury

Stephen McKinley (SN)

Alan Rosen (HH)

Allan Williams (WCH)

Reserve: Roger Hargreaves (KERN0)

Event Officials

Organiser: Neil Harvatt (HALO), Assistant Organiser: Ken Hutson (HALO)

Planner: Brian Ward (HALO)

Controller: Mark Garside (WCH)

IOF Advisor: Mike Forrest (BOK)

Acknowledgements

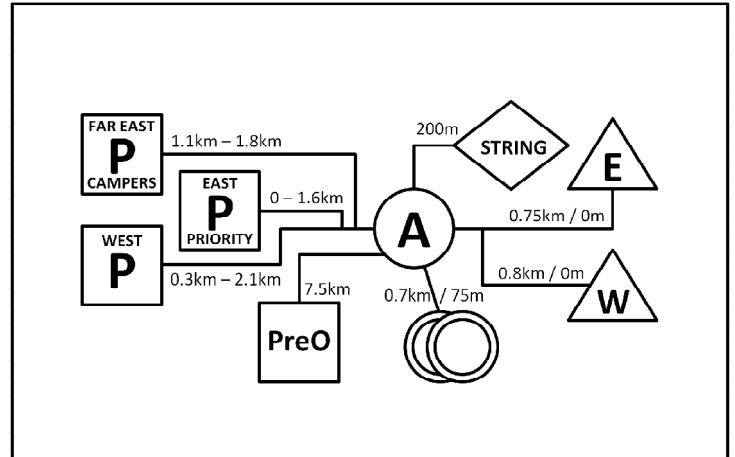
We are grateful to the following for their help and for allowing us to use the area

- Leeds University – Paul Crouch, Malcolm Dawson, Claire Copley, Ros Bates.
- Leeds University Union – Stephen Keeble, Graeme Wood
- Events in Parks – Glen Ford

Day 2: Saturday 26th March 2016 –**Wass**

- M/W 21E, M/W20E, M/W18E: Middle Distance Race
- All other age classes: Long Distance Race
- Colour Coded Courses
- Elite and Standard PreO
- String Course, Xplorer

The **Long Distance Race** and **Elite Middle Distance Race** will take place at Wass Forest, on the western edge of the North York Moors National Park. It is one of the best areas in the North York Moors and has been remapped for the JK as it has not been used for some time. There is plenty of interesting rock and contour detail in runnable forest on the scarp slopes. It has not gained WRE status only because it has not proved possible to site the finish in the arena. The PreO will take place in the grounds of nearby historic Ampleforth Abbey.

**Location**

Wass Forest on the North York Moors.

Start of parking is at Lat/Long 54.22312, -1.12910. Grid ref SE 568811

Arena is at Lat/Long 54.21551, -1.14018, Grid ref SE 561803

Directions

All competitors are requested to approach the event from the road triangle at the top of Wass Bank Road near the A170. Once off the A170 and at the most southerly point of the road triangle, most traffic will turn right onto Wass Bank Road as will be signposted. Campervans will turn left, again as signposted. Travel via Oswaldkirk is an approach which avoids the busy A170 and Sutton Bank. Sutton Bank is a steep hill on the busy A170. Big campervans especially may wish to avoid it. It is not unusual for lorries to have problems on it which can temporarily close the road. Competitors must NOT approach the event via Wass village at the request of the Parish Council. The lower part of Wass Bank Road will be closed for the duration of the event.

Parking

Most parking is on forest roads where the maximum speed should be 15 mph. Please continue to drive until directed to park by officials. All three forest loops are one way. All have exits which are different to the entry points. No exit from the east loop until 1230. Great care must be taken on the forest roads as they will be used by competitors walking to the arena.

Campervans will be directed right onto the North East loop 500m after turning left at the road triangle. Priority parkers and some other cars will be directed onto the East loop very soon after joining Wass Bank Road. Minibuses will be directed to park on the right of Wass Bank Road about 800m or 1300m from the arena though they may be allowed to drop off nearer. Most traffic will continue on Wass Bank Road and then turn right after 1.1km onto the West forest loop. Later traffic may be parked on the roadside.

Directions from Car Parks to Arena

From the East forest loop, continue walking in the same direction as the way you drove in. From the West forest loop, walk in the opposite direction to the way you drove in. From the Far East loop, continue in the same direction you drove in unless signs direct you the other way to a short cut through the forest. Signs on the loops will direct you and some will give approximate distances. Please take care especially on the west loop as competitors will be walking in the opposite direction to cars coming in. Cars will be moving on the forest loops as competitors return to their vehicles after the event. Careful cycling from parked cars to the arena is acceptable.

Timings

0800	Car parks open
0830	General Enquiries, Trophy Collection, Bib Collection open
0900	Age Class Entry Enquiries, Colour Coded Entries open
1000	Relay enquiries open
1000	First start time, String course open
1200	PreO open
1300	Colour Coded Entries close
1400	Last start time, String course close
1430	All enquiries etc. except General Enquiries close
1600	PreO close
1630	Courses close
1630	General Enquiries close

Map

The area has been remapped for the JK by Dave Peel. Map scales (1:15,000 or 1:10,000) and sizes are as in the courses table. The contour interval is 5m.

Terrain

Wass comprises a number of steep sided valleys and a scarp slope, all with plenty of rock and contour details. The vegetation is varied, mostly runnable deciduous woodland but with some conifer plantation. There are many low branches in some areas - competitors should take care and eye protection is recommended. Competitors should also take care because after the wet weather, underfoot conditions, especially on the steep slopes, are very slippery. As it is limestone, the bare rock is slippery, and unstable in places. The fissured rock pavements are slow running and the longest courses visit the west of the area where there are some areas of brambles/blackberries. Some parts have a lot of rock with some 4+m individual boulders, only significant boulders are mapped. There are some 'generally isolated' rhododendron bushes. Some courses visit a small open grassy area with vegetation and contour detail. Most parts of the area have paths and rides although other parts have few man made line features.

Route to Starts

Both starts (West and East) are very close together and follow a common route for the majority of the way from the Arena. The route to the starts is accessed from the north gate of the Arena, and then follows two edges of a field which may have some parking in it. After the field, the route goes through a short section of woodland by an old quarry to meet Wass Bank Road. Competitors then walk down this road which will be closed to traffic. The East start bears off to the left, and the West start to the right a short distance further on. The starts are about 100m apart.

Finish

The finish is 700m from the arena. There is a separate finish for course 29 (M10A, M12B, W10A, W12B, Yellow) and course 30 (White, M10B, W10B) which is slightly nearer to the arena. The route back to the arena from both finishes is uphill via a public footpath through fields and a recently improved woodland section. Turn into the arena field and remember to download.

Safety Bearing

For those going from the west start and before crossing the road on their courses, head downhill which should lead you to big tracks that go in a generally southern or eastern direction to get to roads or Wass village. In the extreme west part of the area, first go upwards to find a tracks going generally south east below the ridge. For those going from the east start and others after crossing the road, head northwards towards the east start or the finish, but without going up the very steep slopes to the fields.

PreO

PreO will take place at Ampleforth Abbey (SE 592789), which is 7.5km by car from Wass Forest. It will be signed from the exit of the car park of the Foot O at Wass, as well as by with brown Tourist signs. Note that

Wass Bank Road will be closed going south from the main event. The Abbey has a Visitor centre and tea room open until 1730.

Registration and EOD will be at the Windmill Pub within the grounds of Ampleforth Abbey and will be signed from the entrance by the Estate Office. It will have toilets, a room and tea/coffee available.

Starts are from 1200 to 1600. Start times will not be allocated. Please come as early as possible. Competitors from Wass are advised to request early start times. The start is 300m from registration along a flat tarmac road.

The Elite Course is 2.2km with 21 controls. There are 2 timed controls at start of the course. Time allowed is 130 mins. Classes: Open and Paralympic. Paralympic competitors must provide evidence of eligibility to the organiser before the event. The Standard Course is 1.2km with 12 controls. There will be one timed control at the start of the course. Time allowed is 72 mins. Classes: Open only.

An SI card (dibber) is required to record total time. Competitors are required to select a single answer from the ViewPoint (VP) and record it using the pin punch close to the VP. Two or more punch marks in the same row will count as a wrong answer. The control cards are waterproof and folded to provide a duplicate record of the selections. Punch at the finish and return 100m along the track to the start. ALL paperwork will be collected here and posted back to competitors after the event.

The terrain comprises a south facing slope of games fields, courts, well maintained grass and mature trees. The route is confined to areas of tarmac/hard standing. DO NOT move off the path into the terrain. The return route is gently uphill and wheelchair users may require assistance. If so please contact the organisers in advance. The map is 1:4,000 scale with 2.5m contours, produced by Peter Roberts.

Results will be published on the JK website www.thejk.org.uk after the event. Prize giving will be at Kilnsey (Day 3). There are no prizes for the Standard course

PreO Officials are : Planners: Peter Roberts & Christine Roberts; Controller: Wilbert Hollinger; Organiser: Alan & Margaret Parker, Telephone (0113) 2685764.

British Orienteering Jury

David Rosen (SROC)

David May (SLOW)

Simon Errington (HH)

Reserve: Arthur Vince (KERNO)

Event Officials

Organiser: Mike Ridealgh (EBOR), Asst Organiser: John Smales (EBOR)

Planner: Dennis Hooton (EBOR), Asst Planner: Jonathon Hooton (EBOR)

Controller: Derek Allison (LOC)

Assistant local controller: Jeff Harris (EBOR)

Acknowledgements

We are grateful to the following for their help and for allowing us to use the area

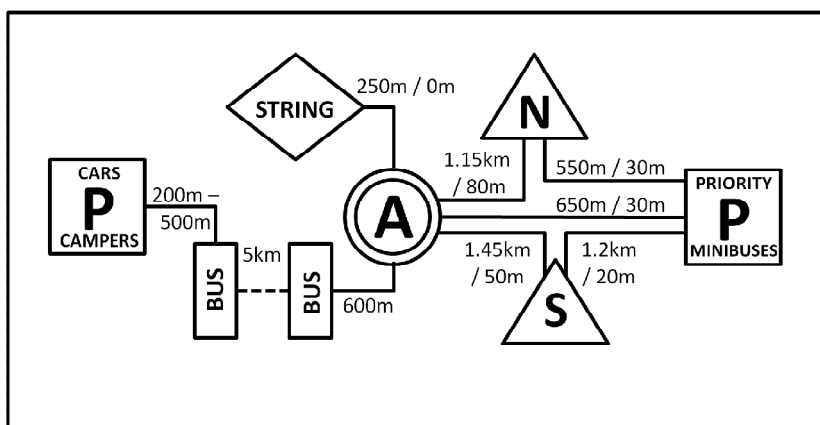
- Sir George and Lady Wombwell and Paul Robson (Newburgh Priory)
- Tanya Rex (Forest Enterprise)
- Ian McClanachan, Husthwaite
- Hugh Greasley, High Woods Farm
- Suzanne Cronin; George Pearson (Gilling East); Kieran and Jonny Wall, Ampleforth Sawmill; Mr and Mrs G Wood, Priest Barn Farm; David and Sue Park, Lund Farm; The Wagstaff Bros., Sutton-on-Forest
- Byland with Wass and Oldfield Parish Council
- Phillip Sharpe (NYCC Highways); Ges Marshall (North York Moors National Park)
- Rich Houghton, Community TM Ltd, Osmotherly.
- Andrew Slingsby and the Community, Ampleforth Abbey.

Day 3: Sunday 27th March 2016 - Kilnsey

PLEASE REMEMBER THAT CLOCKS GO FORWARD DURING THE NIGHT. DO NOT BE 1 HOUR LATE FOR YOUR START TIME!!

- Long Distance Race
- World Ranking Event for M/W21E
- Colour Coded Courses
- String Course, Xplorer, DIY TrailO

Day 3's **Long Distance Race** is in the heart of the Yorkshire Dales National Park on lightning fast, runnable Yorkshire limestone moorland, with a wealth of contour detail. The arena will provide excellent views of the stunning scenery of Upper Wharfedale as well as good viewing of the finish and an elite spectator control.

**Location**

Main Car Park: Threshfield Quarry, Grid Ref: SD 979642, nearest post code: BD23 5NX.

Priority / Minibus Parking: Cool Scar Quarry, Grid Ref SD 969676, nearest post code: BD23 5PW.

Arena - Lat/Long 54.10171, -2.04156, Grid ref SD 974673.

Directions

Most competitors will approach from the south on the B6265 from Skipton or south east on the B6265 via Grassington to meet the B6160 at Threshfield. The B6160 is also the approach for the few who might come to Kilnsey from the north. Parking will be signed on the B6160.

Parking

The main car park is located at Threshfield Quarry, 1.4km north west of the Threshfield and Grassington junction (B6160/B6265). All cars and campervans must use this car park.

Those approaching from the south should continue north from the B6160/B6265 junction for 200m, take the left turn left into Skirethorns Lane and then turn right after 600m (before the lane narrows) into the quarry approach road. Vehicles should then continue past the bus pickup/drop off point into the quarry.

Priority parking permit holders and minibuses will use Cool Scar Quarry. They should continue northwards on the B6160 for 4.5km to Kilnsey village and turn left into Mastiles Lane. Continue up Mastiles Lane for 800m and turn right into Cool Scar Quarry.

For any vehicles approaching from the north, those with priority permits and minibuses should take the right turn in Kilnsey village. All other cars and campervans should continue south for 4.5km and turn right into Skirethorns Lane.

Routes will be signed. Specific parking instructions will be sent separately to Blue badge holders.

Directions from Car Parks to Arena

For competitors in the main car park (Threshfield Quarry) a bus shuttle service will operate from a terminus (200 to 500m from the car park) on the quarry approach road to a field west of Conistone village.

Competitors must then walk back towards the B6160 as directed, cross it and follow it for a few metres before turning left into a field to follow a taped route to the Arena (total distance – 600m). The route to the Arena will pass farm buildings on the right where sheep will be lambing. Please keep noise to an absolute minimum.

The bus service will start at 0800 (from Threshfield Quarry) with the last departure from Conistone at 1740. Buses will depart at approx 5min intervals during peak times (0900 to 1200 from Threshfield Quarry and 1400 to 1700 from Conistone).

You will need to allow 30-40 minutes from boarding the bus to arrival in the Arena.

Competitors who wish to cycle from Threshfield Quarry car park should return to the B6160 along Skirethorns Lane, cycle north for 4km and turn left (signed) onto a farm track that leads to the Arena. Please dismount after 80m where competitors from the bus terminus join the track. The B6160 is a busy narrow road and on the day of the event at peak times, our buses will be travelling along it every 5 minutes. Great care is needed when cycling.

There will be no direct walking route from Threshfield Quarry to the Event Arena.

For competitors in the Cool Scar Quarry car park (Priority permit holders and minibuses), the Arena is a signposted 650m downhill walk. Both starts are nearer from this car park than they are from the Arena.

Timings

0800	Car parks open
0830	General Enquiries open
0900	Age Class Entry Enquiries, Colour Coded Entries open
1000	Relay enquiries open
1000	First start time, String course open
1300	Colour Coded Entries close
1330	All enquiries etc. except General Enquiries and Relay Enquiries close
1400	Last start time, String course close
1530	(or as soon as possible after this) Prizegiving in the arena
1600	Relay Enquiries and General Enquiries close
1630	Courses close

Map

The map is 1:15,000 or 1:10,000 and sizes are as in the courses table. The contour interval is 5m. Courses 1 and 3 M/W21E have a map exchange picking up the A5 map for the last part of their courses.

Terrain

Kilnsey is classic limestone terrain overlooking Wharfedale, one of the main dales in the Yorkshire Dales National Park. Rising like an amphitheatre to north, west and south of the arena, most of the competition area lies between 350m and 515m above sea level, divided in half by the west-east line of Mastiles Lane, an ancient, walled drove road that links Wharfedale to Airedale. Being mostly limestone, the area drains well and has remained mainly fast and firm throughout the wettest winter in living memory.

The area is grazed, resulting in very open, generally fast terrain. There could be livestock in some fields – please be aware and take care. On the highest ground, reached only by the longest courses, the grass is slightly more tussocky. Interspersed throughout the grassy terrain are areas of limestone pavement and loose stones. In addition, there are extensive networks of rabbit burrows. The last part of all courses passes through a network of mostly ruined old field boundaries, before a fast, final descent into the arena.

Contour detail, manmade and natural, is very varied, and includes several extensive, intricate areas.

Course Notes

Field boundaries are mostly dry stone walls that can be up to 3m high. They are likely to collapse if climbed. Boundaries that **MUST** be crossed at crossing points are marked with a broad purple line. The crossing points are mostly wooden ladder stiles. Use with care, as it is not possible to fasten them to the ground! Compulsory crossing points are indicated on the control descriptions for course 28 but not for other courses. There are no stiles on any courses from South Start.

Most tracks and paths have not been mapped as they appear and disappear regularly, offer little or no aid to running and can often be crossed without noticing.

Solid limestone paving is marked as bare rock. Loose stones and intermittent paving are marked as stony ground. The boundary between the two is of necessity fairly arbitrary at times.

Only the most significant boulders and trees are mapped individually. A green circle is used for the latter. A blue cross indicates a water trough.

Route to Starts

Both starts (North and South) initially follow a common route from the Arena. The route exits from the west side of the Arena and follows a good path in the valley. The route then bears right crossing a stream and goes uphill across a field by the string course to a good track (Mastiles Lane). At this point turn left for the South start and right for the North start. Elite competitors must NOT turn left at this point. From this point, the remainder of the route to the south start is strictly out of bounds to elites until after they have run.

The route to the South start follows the track. The route to the North start passes the Cool Scar Quarry parking area and continues around the west side of Cool Scar Quarry. There is a warm up area for Elites only at the North Start.

The track to the south start and the track which many competitors will use when leaving the south start is a public bridleway often used by mountain bikers. Please be aware and take care.

Both starts are also signed from the Cool Scar Quarry parking area. Distances are shorter than from the Arena.

The starts are about 1.65km apart mostly downhill from the North to the South start.

Please note that course 28 (Orange, M/W12A, M/W14B) goes from the North start unlike all the other shorter and junior courses. Course 10 (M18S, M20S, M21V, W18L, W20L, W21S) and course 17 (M65L) go from the South start.

Finish

The finish is in the arena. Take care on the downhill run with a tight turn near the end.

Safety Bearing

Competitors going from the north start should head due south to Mastiles Lane – an easily recognised east/west track with its boundary walls and temporary crossing points. Competitors going from the south start, and those going from the north start after they have crossed Mastiles Lane, should head due east towards the large boundary wall and relocate from there.

IOF and British Orienteering Jury

David Brook (NN)

Patrick Smyth (NN)

Richard Towler (LOC)

Reserve: Peter Nicholls (GO)

Event Officials

Organiser: Dave Shelley (AIRE), Asst Organiser: Natasha Conway (AIRE)

Planner: Andrew Kelly (AIRE)

Controller: Ray Barnes (NOC)

Assistant local controller: Peter Jones (AIRE)

IOF Advisor: David Rosen (SROC)

Acknowledgements

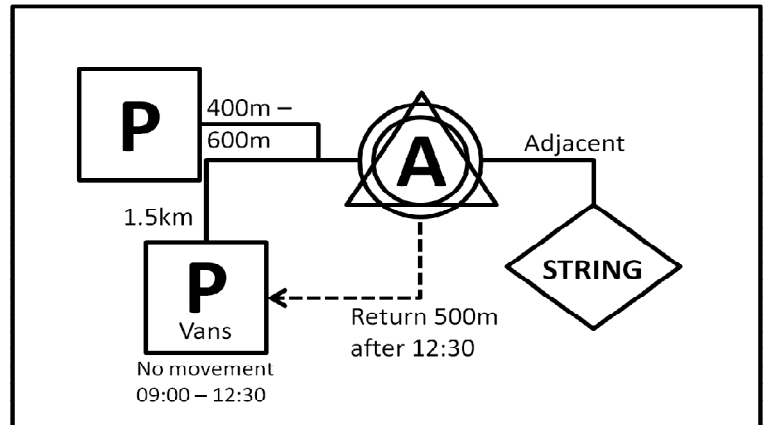
We are grateful to the following for their help and for allowing us to use the area

- Nick Carlisle for access and the arena field
- Kilnsey Park Estate – Jamie Roberts
- Anthony Roberts
- Jane Pighills
- Mark Falshaw
- Kilnsey Parish Council – Sue Metcalfe
- Threshfield Quarry Trust
- Graham Whitaker
- Chris and Roy Nelson
- David Harrison
- Malcolm Dibb
- James Caygill
- Harrogate Spring Water

Day 4: Monday 28th March 2016 – Storthes Hall - JK Relays

- Relay races
- String Course, Xplorer
- Penalty shootout and other children's activities

For the **Relay Race**, Storthes Hall has an interesting mix of terrain, including beautiful fast runnable forest, open areas and university campus. It has been remapped and extended specifically for the event. The arena provides good views and great opportunities for seeing some parts of the races. A covered seating arena with a café overlooks the elite spectator control. The usual facilities will be supplemented by those of a local sports club with showers.



Relay Team Declaration & Relay Bib Collection

On-line editing of team declaration forms will close at midnight on Sunday 20th March. It would help if club representatives could do as much as possible on-line before this deadline. Relay team declaration forms will be available for collection at Relay Enquiries on Friday and Saturday. Declaration forms must be returned on Saturday, or Sunday before 1600. Bibs will be issued on receipt of completed team declaration forms. Only emergency team changes can be allowed on Monday morning and these must be before 0915. It would help a great deal if you can declare/collect as early on the weekend as possible.

Team race numbers bibs have coloured bands - Red for Lap 1, White for Lap 2, Blue for Lap 3.

The eligibility rules for competitive teams are on the British Orienteering website under Rules, JK Relays, section 2.1. Club representatives are confirming that these eligibility rules have been satisfied when signing the team declaration form to indicate that a team is competitive and eligible to win trophies, medals and prizes.

Location

Main entrance to Storthes Hall - Lat/Long 53.61278, -1.72589, Grid ref SE 182129, nearest postcode HD8 0WA.

Main car park entrance - Lat/Long 53.60347, -1.73607, Grid ref SE 175119.

Arena - Lat/Long 53.60651, -1.72471, Grid ref SE 183122.

Parking

All competitors must approach the event from the A629 and will be signed from the junction with Storthes Hall Lane in Kirkburton. Competitors must not approach the event via Thunder Bridge.

Travel up Storthes Hall Lane to the junction with Farnley Road. Turn left here, before turning left again after 220m into the fields which we have use of for parking.

Campervans and Minibuses must park in the university campus as directed and follow the marked route to the arena. The walk to the arena is 1500m to avoid the competition area but the walk back will be only 500m.

Distance & directions from Car Parks to Arena

It is an easy (pram friendly) 400 - 600m walk along a track from the main car park. However the track does go through the competition area and there is a crossing point used by half the competitors which will be marshalled. Please adhere to any instructions to wait if you should be using the path during the competition.

Campervans and Minibuses must be parked on the campus and vacated by 0900. No return to these vehicles can be made until after 1230 unless the long route back is used. Please be aware that even after 1230 on the short route back, you may encounter late runners.

Event Arena and Enquiries

The event has a superb arena which includes a covered seating area with tea shop that has views of the spectator control and approach, along with the stunning surrounding countryside. All facilities are within the arena. Showers are also available. In addition to Podium Catering there will be a BBQ using locally reared meats and pie and peas.

ALL FOOTBALL FIELDS are out of bounds, unless otherwise directed.

Timings

- 0800 Car parks open, showers open
- 0800 General Enquiries and Relay Enquiries open
- 0830 Refreshments open
- 0915 Deadline for emergency team changes
- 1000 First start time, String course open, penalty shootout opens
- 1100 Last start time
- 1215 Mini mass start
- 1230 (or as soon as possible after this) Prizegiving in the arena
- 1330 Courses close, string course closes, shootout closes
- 1400 Showers close, catering closes
- 1500 Car parks close

Map and Control Descriptions

The map scale is 1:10,000 for all courses with contour interval of 5m. In addition for all courses using the campus area you will find an inset map at a scale of 1:5,000 for that part of your course. Please note that there are two special symbols on the map - X denotes a planner/controller built hide and O a biking jump. If either feature is used as a control it will be shown as an X in the control descriptions.

The area has been completely remapped during 2015 by Peel Land Surveys. Previous Storthes Hall maps can be found on the EPOC Routegadget site and blank maps will be displayed in the assembly field.

Control descriptions are printed on the front of the maps on the right hand side. Controls on the map just show the control number and not the control code. Control descriptions for all courses use symbols, including those for the Mini Relay. There are no loose control descriptions.

Terrain

Storthes Hall is an area of mixed mature woodland which has been expanded to include the university campus. The woods are mostly runnable but there are some areas of brambles and thicker vegetation which are mapped. There are many paths that are regularly frequented by dog walkers and horse riders so take care. In the south east part of the map there is an area used by mountain bikers and whereas the major 'jumps' have been mapped with the **O** symbol the paths have not. As this is being actively used there is the chance that new jumps may appear at any time.

Course Notes

Crossing points are shown with the bridge symbol and though not mandatory using them should avoid any encounter with barbed wire. One crossing point is where some of the courses cross the pedestrian route to the start. Although it will be manned we ask you to take care.

Courses A, B, E and G have a spectator control approximately two thirds of the way around the course. This is located to the south of the arena and can be seen both from the arena and from the covered seating area previously mentioned.

Controls will be hung on stakes with the SI unit horizontally attached. Control numbers will be attached to the stakes for maximum visibility. An example will be placed near the pre-start. Some stakes in the campus area will be secured using a wire security device.

Please take care when crossing the roads into and out of the campus area as the roads are used by vehicles including double decker buses. Also be careful around the campus area as you might well encounter competitors running in the opposite direction.

Some courses may encounter an uncovered manhole. The immediate area has been taped off with yellow and black tape.

Start, changeover & finish

The start, changeover and finish are all in the arena and are shown on the arena layout diagram.

Starts

Start times are listed in the course table below. Call-up will be 20 minutes before each mass start. A mini-mass start for all runners who have not yet started will be held at 1215.

The start kite will be seen at the northern corner of the assembly field.

All courses except for those mentioned below will have a marked route of 200m before a crossing into the woods. Please take care at this crossing.

All legs of the Mini-Relay and the short leg of M/W 40- will not follow the full marked route, but will take a turn left after the start and immediately left again up through the adjacent wood. These are the only legs using this route and there will be marshals on hand to help.

Course		Callup	Start
Mini Relay	N	0940	1000
Men's Short W120+ M48-	C F K	0950	1010
Women's Trophy M165+	B G	1000	1020
JK Trophy M120+	A E	1010	1030
Women's Short W165+ M/W 210+ W48-	D H J L	1020	1040
Mixed Ad Hoc	P	1030	1050
M/W 40-	M	1040	1100

SI Check and Map Issue

Clear stations will be found just before the entrance to the SI check tent. When going through the SI check tent, the map issue tent, and out of this area, bib numbers must be clearly visible to officials. Competitors should allow enough time to go through the SI check and map issue as there may be queues at some points particularly when early second lap runners come through.

The SI check is used to confirm that the SI number is the same as that on the Team declaration form. Maps will be labelled with class, team number, club and lap number. It is the competitor's responsibility to check that they have been given the correct map as labelled. Maps will be sealed and any attempt by the competitor to see their course before their start will render their team liable to disqualification.

A warm up area is available adjacent to the start and changeover though Lap 2 and 3 runners should be aware that visibility of the spectator and final control is limited.

Changeover

The waiting Lap 1 and Lap 2 runners will have a clear view of the final control (SE of the arena) which is common for all courses. It is strongly recommended that Lap 2 and Lap 3 runners wear warm clothing in the waiting pen and to pass this on to their finishing team member when changing over.

Incoming runners on Lap 1 and 2 should bear right on the run in and punch the finish control before touching their incoming runner and immediately proceed to download after changeover.

Incoming runners on Lap 3 should bear left on the run in. The finishing order will be determined as the order the runners cross the finish line. The finish control will be a short distance beyond the finish line and competitors must punch in the same order as they crossed the finish line. They should then proceed to Download.

Map Collection

Maps will be collected from all finishers up to 1215 when all club map bags will be released.

Results

Results will be displayed in the arena and commentary will announce positions from spectator controls, pre-warning and the finish.

British Orienteering Jury

Robert Brandon (OD)

Simon Thompson (HOC)

Andrew Yeates (WCH)

Event Officials

Organiser: Amanda Crawshaw (EPOC), Asst Organiser: Charlie Adams (SYO)

Planner: Richard Payne (EPOC)

Controller: Paul Taylor (CLOK)

Acknowledgements

We are grateful to the following for their help and for allowing us to use the area

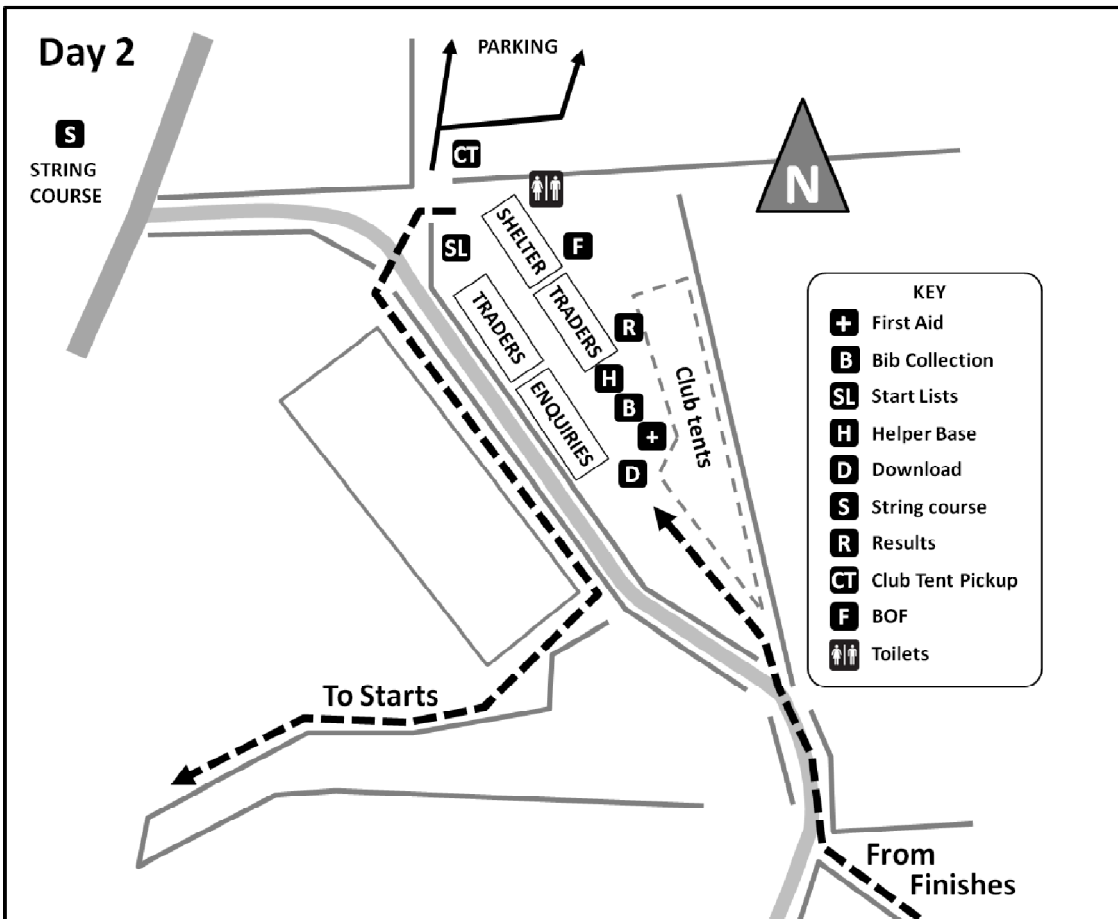
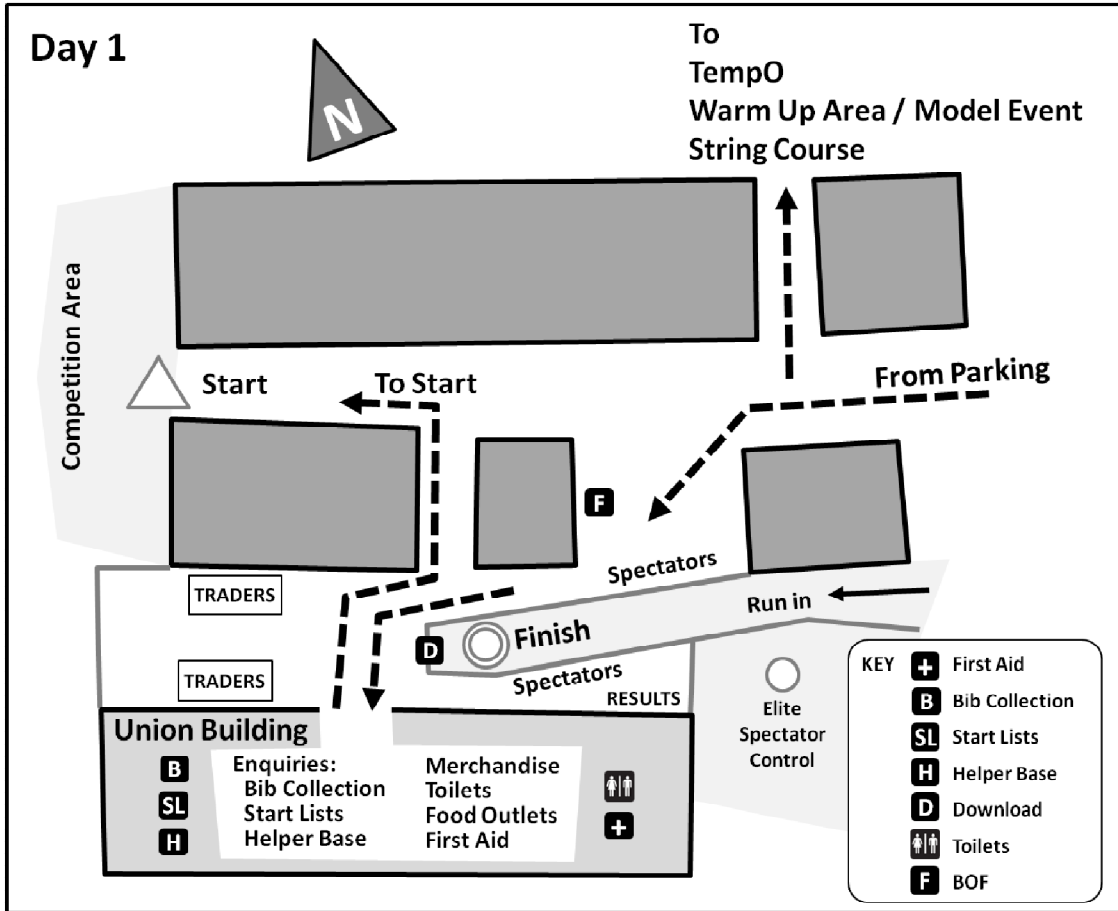
- Huddersfield University
- Younger Homes
- Andrew the farmer
- Shelley Football Club

Course Tables and Arena Layouts

This section contains course tables and arena layouts for each day.

Day 1 Course Table

Course	Classes	Map scale	Length	Optimum length	Climb	Controls	Map size
1	M18E M20E M21E	1:4,000	3.0 km	3.9km	45m	22	A4 double sided
2	W18E W20E W21E	1:4,000	2.8 km	3.7km	45m	21	A4 double sided
3	MOpen M35 M40	1:4,000	2.7 km	3.7km	45m	24	A4 double sided
4	M45	1:4,000	2.5 km	3.4km	55m	20	A4 double sided
5	M14 M16	1:4,000	2.4 km	3.4km	50m	18	A4 double sided
6	M50	1:4,000	2.6 km	3.3km	45m	18	A4 double sided
7	M55 W35	1:4,000	2.2 km	3.2km	40m	17	A4 double sided
8	W14 W16	1:4,000	2.3 km	3.0km	45m	17	A4 double sided
9	M60 WOpen	1:4,000	2.1 km	2.7km	45m	17	A4
10	W40 W45	1:4,000	2.0 km	2.6km	30m	16	A4
11	M65	1:4,000	2.0 km	2.5km	35m	15	A4
12	W50	1:4,000	2.0 km	2.5km	35m	15	A4
13	M70 W55 W60	1:4,000	1.6 km	2.2km	30m	17	A4
14	M75 M80 M85 M90 W65 W70 W75 W80 W85 W90	1:4,000	1.3 km	1.9km	20m	15	A4
15	M12 W12	1:4,000	1.7 km	2.0km	30m	21	A4
16	M10 W10 Novice	1:4,000	1.5 km	1.6km	20m	19	A4

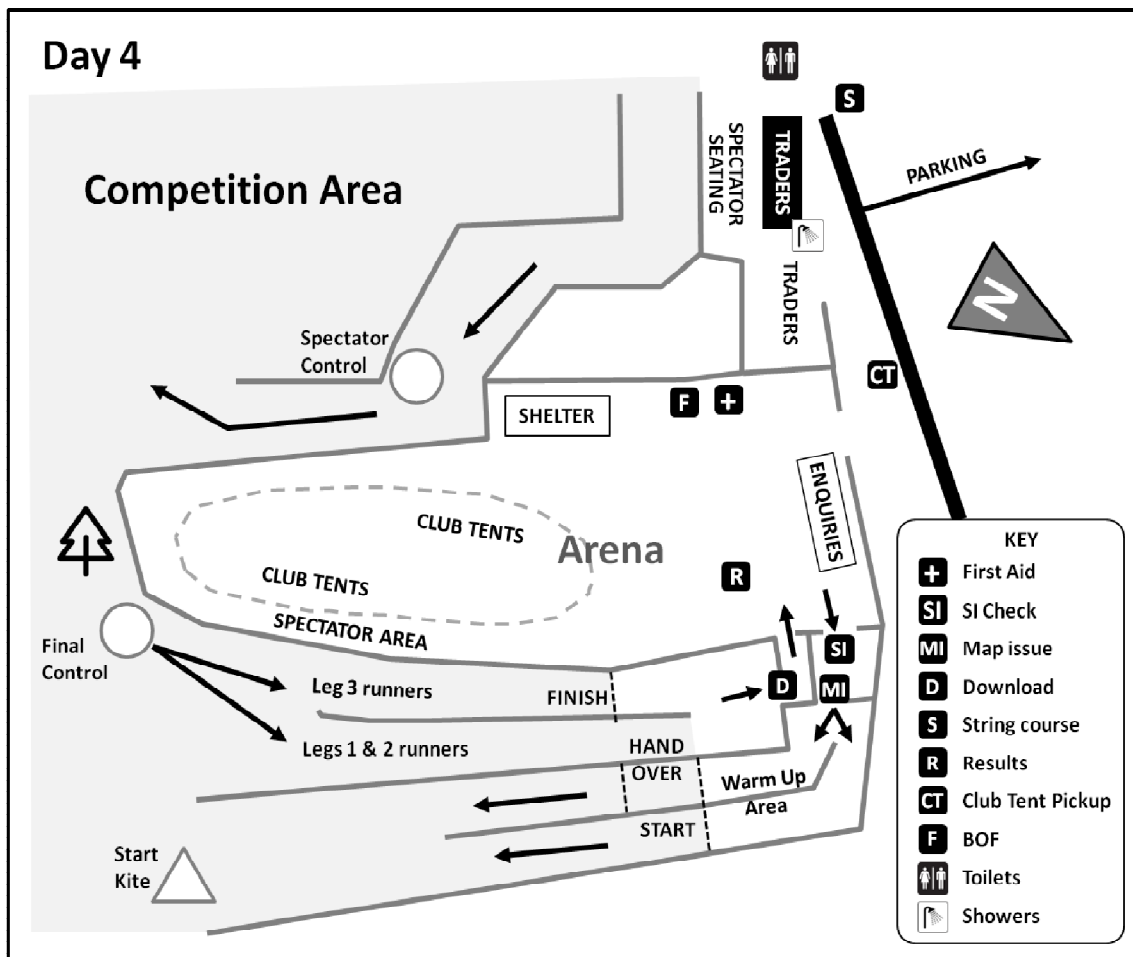
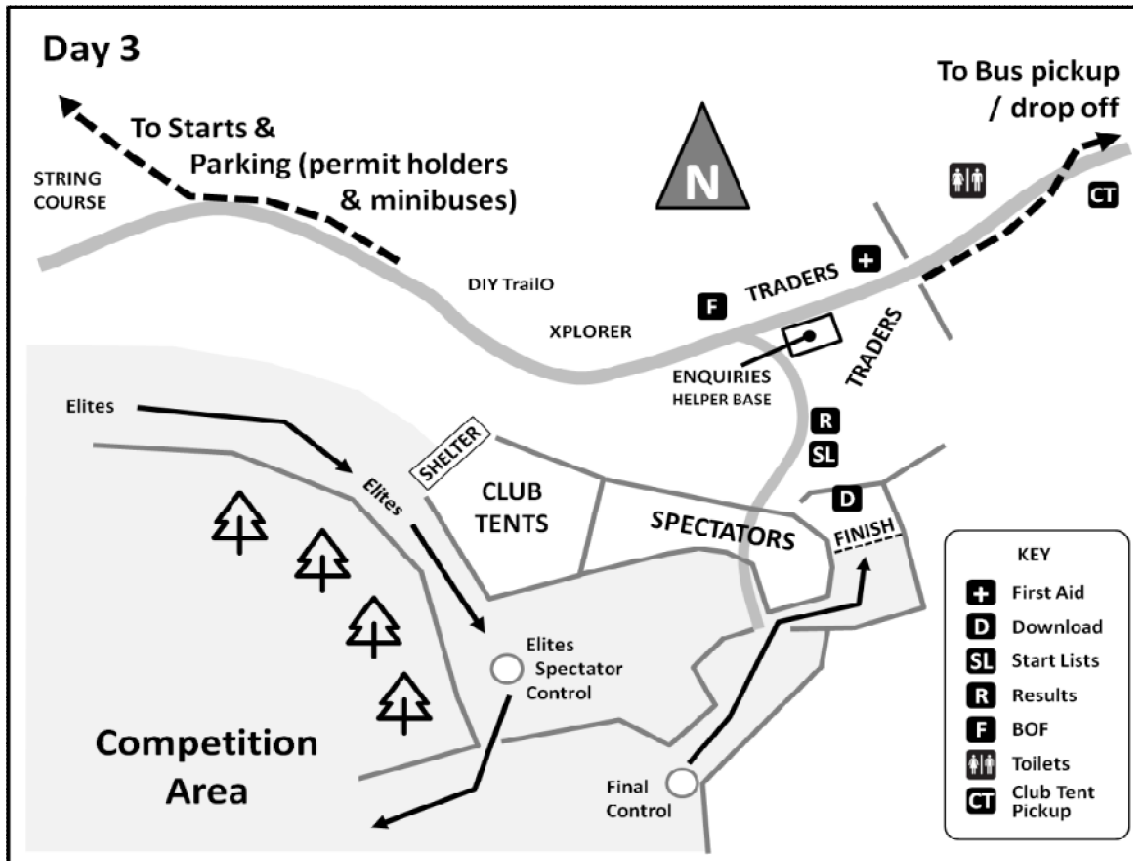


Day 2 Course Table

Course	Class	Length (km)	Climb (m)	Controls	Start	Scale	Map Size (approx)	Control Descriptions
1	M21E	5.1	270	24	West	1:10,000	A4	20.4 x 4.8
2	M18E, M20E	4.3	240	21	West	1:10,000	A4	20.4 x 4.8
3	W21E	4.1	175	20	West	1:10,000	A4	16.8 x 4.8
4	W18E, W20E	3.3	180	16	West	1:10,000	A4	14.4 x 4.8
5	M21L	9.9	490	34	West	1:15,000	A3	22.5 x 4.0
6	M35L	8.9	470	31	West	1:15,000	A3	21.0 x 4.0
7	M40L	8.2	380	29	West	1:15,000	A3	19.0 x 4.0
8	M18L, M20L, M21S, W21L	6.5	300	23	West	1:15,000	A3	19.2 x 4.8
9	W35L, W40L	6.1	315	21	West	1:15,000	A3	18.0 x 4.8
10	M18S, M20S, M21V, W18L, W20L, W21S	4.7	255	20	West	1:15,000	A3	18.6 x 4.8
11	M45L	7.3	325	26	West	1:10,000	A3	21.0 x 4.8
12	M50L	6.9	375	25	West	1:10,000	A3	20.4 x 4.8
13	M55L	6.9	330	25	West	1:10,000	A3	20.4 x 4.8
14	M60L	5.6	295	24	West	1:10,000	A4	20.4 x 4.8
15	M35S, M40S, W45L	5.3	295	24	West	1:10,000	A4	20.4 x 4.8
16	M16A	5.9	305	23	West	1:10,000	A4	18.6 x 4.8
17	M65L	5.3	290	25	West	1:10,000	A4	20.4 x 4.8
18	M45S, M50S, W50L	5.1	300	23	West	1:10,000	A4	19.8 x 4.8
19	M70L, M55S, W55L	4.6	285	21	West	1:10,000	A4	17.4 x 4.8
20	M60S, W16A, W60L	5.1	285	21	West	1:10,000	A4	18.6 x 4.8
21	M75L, W65L, W35S, W40S	3.9	210	20	East	1:10,000	A4	17.4 x 4.8
22	M65S, W70L, W45S, W50S	3.8	190	20	East	1:10,000	A4	16.8 x 4.8
23	M80, M70S, M75S, W75, W18S, W20S, W21V, W55S, W60S, W65S	3.0	120	15	East	1:10,000	A4	13.8 x 4.8
24	M85, M90, W80, W70S	2.3	95	11	East	1:10,000	A4	10.8 x 4.8
25	W85, W90	2.2	80	9	East	1:10,000	A4	9.6 x 4.8
26	M14A, M16B	3.3	200	14	East	1:10,000	A4	13.8 x 4.8
27	W14A, W16B, Light Green	3.1	165	12	East	1:10,000	A4	13.2 x 4.8
28	M12A, M14B, W12A, W14B, Orange	3.2	110	16	East	1:10,000	A4	16.2 x 4.8
29	M10A, M12B, W10A, W12B, Yellow	2.2	85	10	East	1:10,000	A4	9.6 x 4.8
30	M10B, W10B, White	2.0	30	12	East	1:10,000	A4	10.8 x 4.8

Day 3 Course Table

Course	Class	Length (km)	Climb (m)	Controls	Start	Scale	Map size (approx)	Control Descriptions
1	M21E	20.1	645	36	North	1:15,000	A3+A5 (exchange)	198 x 37
2	M18E, M20E	13.7	485	24	North	1:15,000	A3	174 x 48
3	W21E	13.3	495	25	North	1:15,000	A3+A5 (exchange)	192 x 48
4	W18E, W20E	9.3	315	19	North	1:15,000	A3	144 x 48
5	M21L	14.5	510	24	North	1:15,000	A3	174 x 48
6	M35L	13.1	440	22	North	1:15,000	A3	162 x 48
7	M40L	12.2	455	22	North	1:15,000	A3	162 x 48
8	M18L, M20L, M21S, W21L	9.3	375	19	North	1:15,000	A3	150 x 48
9	W35L, W40L	9.0	330	20	North	1:15,000	A3	150 x 48
10	M18S, M20S, M21V, W18L, W20L, W21S	6.1	200	15	South	1:15,000	A3	126 x 48
11	M45L	10.5	385	22	North	1:10,000	A3+	162 x 48
12	M50L	9.9	365	20	North	1:10,000	A3+	150 x 48
13	M55L	9.4	320	19	North	1:10,000	A3+	144 x 48
14	M60L	8.7	305	18	North	1:10,000	A3+	138 x 48
15	M35S, M40S, W45L	7.8	240	15	North	1:10,000	A3+	120 x 48
16	M16A	8.8	300	19	North	1:10,000	A3+	144 x 48
17	M65L	7.2	250	18	South	1:10,000	A4	138 x 48
18	M45S, M50S, W50L	7.4	240	17	North	1:10,000	A3+	132 x 48
19	M70L, M55S, W55L	6.5	255	16	South	1:10,000	A4	126 x 48
20	M60S, W16A, W60L	6.2	185	15	South	1:10,000	A4	120 x 48
21	M75L, W65L, W35S, W40S	5.8	200	12	South	1:10,000	A4	108 x 48
22	M65S, W70L, W45S, W50S	4.8	150	13	South	1:10,000	A4	114 x 48
23	M80, M70S, M75S, W75, W18S, W20S, W21V, W55S, W60S, W65S	4.6	140	12	South	1:10,000	A4	120 x 48
24	M85, M90, W80, W70S	3.2	95	10	South	1:10,000	A4	90 x 48
25	W85, W90	2.5	70	9	South	1:10,000	A4	84 x 48
26	M14A, M16B	6.0	210	15	South	1:10,000	A4	120 x 48
27	W14A, W16B, Light Green	4.6	140	13	South	1:10,000	A4	114 x 48
28	M12A, M14B, W12A, W14B, Orange	4.1	100	11	North	1:10,000	A3+	120 x 48
29	M10A, M12B, W10A, W12B, Yellow	2.6	60	10	South	1:10,000	A4	96 x 48
30	M10B, W10B, White	2.4	50	12	South	1:10,000	A4	102 x 48



Day 4 Course Table

Course	Map		Distance / Climb / Controls		
			Leg 1	Leg 2	Leg 3
A - JK Trophy	1:10,000	A4	5.4km / 175m / 21	4.3km / 150m / 18	5.4km / 175m / 21
B - Women's Trophy	1:10,000	A4	4.3km / 160m / 17	3.4km / 140m / 13	4.3km / 160m / 17
C - Men's Short	1:10,000	A4	3.6km / 130m / 16	3.1km / 100m / 13	3.6km / 130m / 16
D - Women's Short	1:10,000	A4	3.2km / 105m / 10	2.5km / 100m / 8	3.2km / 105m / 10
E - Senior Men (M120+)	1:10,000	A4	5.4km / 175m / 21	4.3km / 150m / 18	5.4km / 175m / 21
F - Senior Women (M120+)	1:10,000	A4	3.6km / 130m / 16	3.1km / 100m / 13	3.6km / 130m / 16
G - Veteran Men (M165+)	1:10,000	A4	4.3km / 160m / 17	3.4km / 140m / 13	4.3km / 160m / 17
H - Veteran Women (M165+)	1:10,000	A4	3.2km / 105m / 10	2.5km / 100m / 8	3.2km / 105m / 10
J - Ultra-Veterans (M/W 210+)	1:10,000	A4	3.0km / 70m / 13	2.6km / 60m / 11	3.0km / 70m / 13
K - Intermediate Men (M48-)	1:10,000	A4	3.9km / 120m / 18	2.6km / 70m / 13	3.9km / 120m / 18
L - Intermediate Women(W48-)	1:10,000	A4	3.1km / 90m / 14	2.6km / 70m / 13	3.1km / 90m / 14
M - Junior Relay (M/W40-)	1:10,000	A4	2.6km / 70m / 13	1.7km / 40m / 9	2.6km / 70m / 13
N - Mini Relay	1:10,000	A4	1.7km / 40m / 9	1.7km / 40m / 9	1.7km / 40m / 9
P - Mixed Ad Hoc	1:10,000	A4	3.3km / 130m / 12	2.5km / 65m / 12	4.5km / 170m / 14

INDEX

Acknowledgements - Day 1	13	Map - Day 1	11
Acknowledgements - Day 2	16	Map - Day 2	15
Acknowledgements - Day 3	19	Map - Day 3	18
Acknowledgements - Day 4	23	Map and Control Descriptions - Day 4	21
Arenas	3	Map Collection	8
Biosecurity	2	Map Collection - Day 4	23
BOF AGM	9	Maps	5
British Summer Time	2	Model Event - Day 1	12
Cancellation Policy	4	On the day Changes	7
Changeover - Day 4	22	Other Activities	9
Changes to Classes and Start Times	4	Parents with Split Starts	7
Charges.	4	Helpers with Open Starts	7
Clothing and Equipment	2	Parking - Day 1	11
Club Tent Transport Service	3	Parking - Day 2	14
Colour Coded Starts on Days 2 and 3	7	Parking - Day 3	17
Coloured Tapes	8	Parking - Day 4	20
Complaints and Protests	8	Photography	9
Control Description Sheets	5	PreO - Day 2	15
Course Notes - Day 3	18	Prizes and Prize Giving.	8
Course Notes - Day 4	21	Public Transport - Day 1	10
Directions - Day 1	10	Race Bibs	5
Directions - Day 2	14	Relay Team Declaration	20
Directions - Day 3	17	Relay Bib Collection	20
Directions from Car Parks to Arena - Day 1	11	Results	8
Directions from Car Parks to Arena - Day 2	14	Results - Day 4	23
Directions from Car Parks to Arena - Day 3	17	Route to Starts - Day 2	15
Directions from Car Parks to Arena - Day 4	20	Route to Starts - Day 3	19
Dogs	2	Rubbish and Litter	3
Electronic Punching	5	Safety	2
Elite Late Starters	7	Safety Bearing - Day 2	15
Elite Starts	7	Safety Bearing - Day 3	19
Enquiries	4	Shadowing/Pairs	6
Entry on the Day Information	4	SI Check and Map Issue - Day 4	22
Event Arena and Enquiries - Day 4	20	Start - Day 1	12
Event Officials - Day 1	13	Start Lists	6
Event Officials - Day 2	16	Start procedures	6
Event Officials - Day 3	19	Start, changeover & finish - Day 4	22
Event Officials - Day 4	23	Starts - Day 4	22
Finish	8	Starts - General Information	6
Finish - Day 1	12	String Course	9
Finish - Day 2	15	TempO - Day 1	12
Finish - Day 3	19	Terrain - Day 1	12
GPS Data Loggers	5	Terrain - Day 2	15
JK Merchandise	4	Terrain - Day 3	18
Juries - Day 1	13	Terrain - Day 4	21
Juries - Day 2	16	Timings - Day 1	11
Juries - Day 3	19	Timings - Day 2	15
Juries - Day 4	23	Timings - Day 3	18
Late Starters (non-Elite)	7	Timings - Day 4	21
Local Wireless Network	8	Toilets	3
Location - Day 1	10	TrailO	3
Location - Day 2	14	Travel and Parking	2
Location - Day 3	17	Water	8
Location - Day 4	20	Xplorer Activity	9