29TH - 30TH APRIL

2023 NEW ZEALAND MOUNTAINBIKE ORIENTEERING CHAMPIONSHIPS

EVENT BULLETIN

Peninsula & Plains Orienteers (PAPO) and Orienteering NZ welcomes you to the 2023 NZ MTBO Championships.

PROGRAMME

Middle Distance Champs
Sat 29 April Morning

Sprint Distance Champs
Sat 29 April Afternoon

Long Distance Champs
Sun 30 April

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WELCOME

We hope you are all looking forward to a fantastic weekend of racing.
Please read this bulletin prior to competing in the Champs events. Any last minute updates can be found on www.mtbochamps.org.nz. Social media posts can also be found on the Mountain Bike Orienteering New Zealand Facebook page.

IMPORTANT SAFETY INFORMATION

Please note the majority of riding will be on two way tracks, and in areas open to the public during this event. THERE IS POTENTIAL RISK OF COLLISION. As such, please ride with care, ensuring you follow these rules:

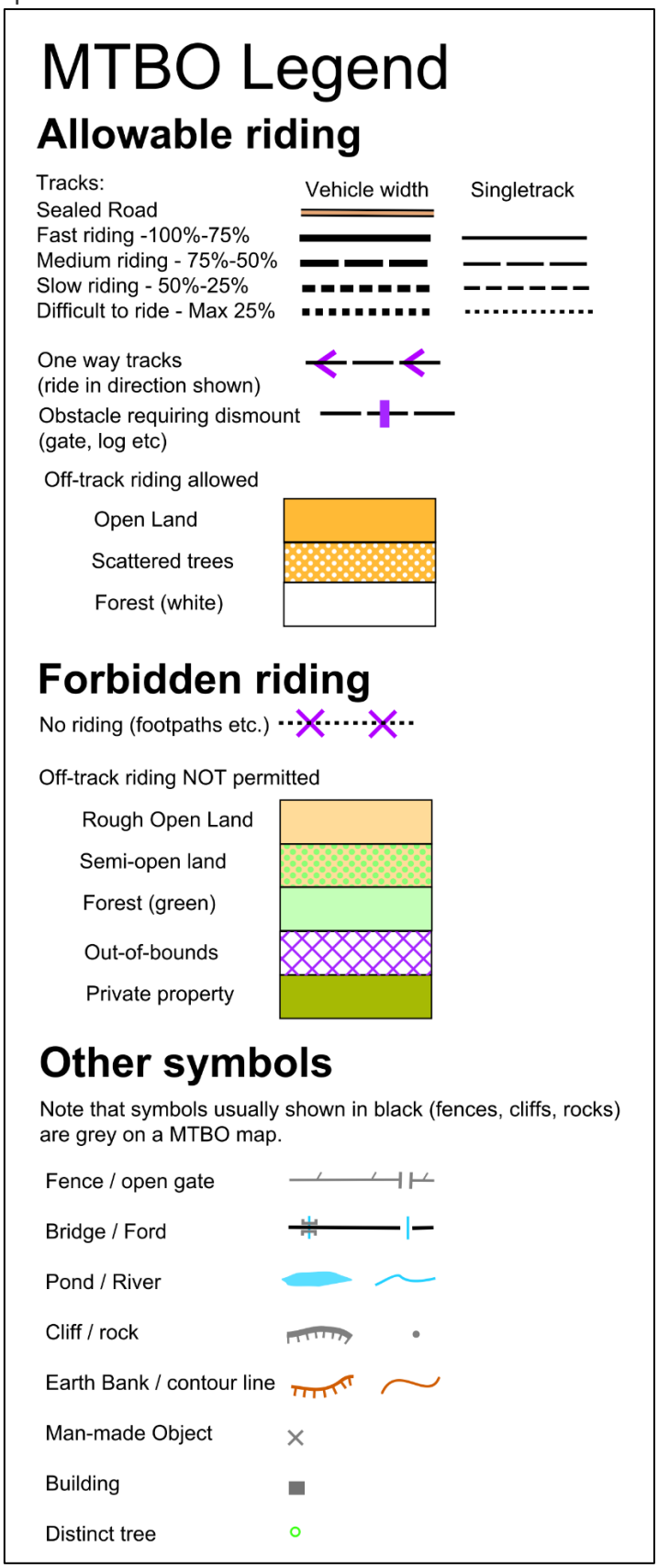
- Helmets must be worn while riding, even when not racing.
- Keep to the left on tracks and roads.
- Downhill riders give way to uphill riders.
- Ride slowly on blind corners. Be prepared to give way in the event of traffic coming the other way.
- When passing, shout which side you are passing on (should usually be the right) to warn the person being passed.
- When stopping, keep to the left to allow other riders to pass – i.e. do not block the path of other riders.
- Shout warnings to riders or members of the public where necessary to avert collisions.
- IN ESSENCE, RIDE WITHIN YOUR ABILITIES, AND TAKE CARE NOT TO COLLIDE WITH OTHER RIDERS OR MEMBERS OF THE PUBLIC.

EVENT LOCATIONS

Event	Date	First Start	Distance from Christchurch CBD	Driving time from Christchurch CBD
Middle: Bottle Lake Forest	29 April	10.30am	11km	20 mins
Sprint: Christchurch Red Zone	29 April	3pm	5km	10 mins
Long: The Willows	30 April	10.30am	32km	35 mins

REMINDER OF MTBO MAP SYMBOLS

All maps have been drawn using the NZ MTBO mapping specification. Please refer to the extended legend at the end of this bulletin, but in particular competitors need to be aware of the depiction of allowed and forbidden areas for cross country travel, as this differs from the IOF specification. The symbols and colours that will be used on the maps for all the events is shown below:



PROGRAMME

NZ MTBO MIDDLE DISTANCE CHAMPIONSHIP – SATURDAY 29th APRIL 2023 MORNING

1. **Map**
   - Bottle Lake Forest Park – updated for 2023.
   - Courses 1-2: Scale 1:15,000, contour interval 5m, printed on A3, with a map flip.
   - Course 3: Scale 1:10,000, contour interval 5m, printed on 2 A4 sheets, one with a map flip.
   - Courses 4-5: Scale 1:10,000, contour interval 5m, printed on 1 A4 sheet, with a map flip.
   - Course 6: Scale 1:10,000, contour interval 5m, printed on cropped A3
   - Courses 7: Scale 1:7,500, contour interval 5m, printed on cropped A3.

2. **Terrain**
   - Bottle Lake Forest is home to a variety of trails for recreational users, including walkers and horseriders as well as mountain bikers. The terrain is mostly flat but planted sand hills by the coast and the old landfill hill tracks provide some aerobic challenge! The plantation pine forest enclosed the Burwood Resource Recovery Park, used to sort the material from buildings after the 2010-2011 Canterbury earthquakes. In February 2023, following extensive remedial work and landscaping, this was opened as a new recreation area and will be used for the first time for MTBO at this event.
   - There are one-way singletracks. Direction of travel is marked with purple arrows as per the legend. Travelling in the wrong direction on these tracks on bike or foot will result in disqualification. If you overshoot a control make another loop in the correct direction to get to it, don't turn back.
   - Off track travel is not permitted, except as per the rules.

3. **Times**
   - Registration open from 9.30am.
   - Starts from 10.30am.
   - Course closure 2pm.

4. **Event Centre Location and Directions**
   - The Event centre is at Broadhaven Reserve, at the north end, accessed from Forest Drive (**not the Aston Drive/Bowyer Ave corner**, as has been used previously). From Christchurch CBD head North, then NE on Innes Road. Turn Right onto QEII drive/SH74, then left at the first junction onto Marshland Road. Right at the next junction onto Mairehau Road and after approx. 5km turn left onto Inwoods Road. Right at the end onto Broadhaven Ave, then left onto Forest Drive. Entry to the event centre is approx. 300m, parking is on Forest Drive and adjacent streets.
   - Allow approximately 20 mins drive from Christchurch CBD.
   - Event centre coordinates NZTM: E 1576351, N 5186631; Lat Long: -43.472864, 172.70761.

5. **Course Overview**

Course	Classes	Distance	Climb	Controls
1	M Open	22.5km	110m	25
2	W Open, M20, M40	20.1km	70m	24
3	W20, W40, M50, Rec Medium	16.0km	90m	20
4	W50, M16, M60	13.6km	90m	18
5	W16, W60, M14, M70, Rec Short	11.6km	30m	15
6	W14, W70	9.4km	90m	12
7	Rec Easy	7.6km	50m	15

6. Planner and Controller

- Planner: Ryan Moore
- Controller: Martin Peat

7. Parking, Event Centre, Registration, Start and Finish Details

- Competitor parking is on Forest Drive and adjacent streets, near to the North end of Broadhaven Reserve. Please access the event centre in Broadhaven Reserve from Forest Drive, not Aston Drive/Bower Ave, as the reserve is being used for sporting fixtures.
- Registration will be at the event centre. Toilets will be available and there will be a coffee cart. A bake sale will be available: proceeds to PAPO junior travel expenses.
- Security: This is a public area so please take normal precautions. Car keys may be left at the event centre caravan.
- The event centre, registration, start and finish are all in close proximity to parking.
- Download will be at the event centre: please promptly download your SPORTident as soon as you finish.

8. Hazards

- Please note that during competition the forest park remains open to the public – therefore competitors should expect to share the race area with members of the public who may also be riding horses, bikes or walking. Please be courteous and be prepared to give way to members of the public where necessary.
- One-way tracks as shown on the map must be ridden in the correct direction. Nevertheless on two-way tracks there are blind corners on trails where riders will need to slow and be prepared to stop for people coming the other way.
- Some of the trails can be ridden at high speed, so please be prepared for meeting oncoming riders at any time and be prepared to give way or stop. The following rules apply:
    - Slow down when passing members of the public.
    - When passing opposing traffic keep left.
    - Be especially careful at intersections, especially when entering or crossing a road or major track from a minor one.
    - Do not stop on single tracks in a position which impedes other riders.
    - When a faster rider wishes to overtake you, give way at the first opportunity. The faster rider should call to indicate their intention to pass and on which side.
    - Avoid damaging tracks through aggressive riding such as skidding.
    - On public roads obey all traffic rules.
- A small number of trails may have technical or steep sections where attention is required. If in doubt, dismount and walk these sections.

9. Out of Bounds

- All out-of-bounds areas will be fenced off and indicated on the map.
- Walking tracks are strictly out-of-bounds and will be shown as such on the map.

10. Special Notes and Symbols

- Riders must only ride on tracks marked on the map, and off track travel is only allowed as per the rules. Even where tracks are in parallel and run close together, riders cannot cross between then if the terrain indicates this is forbidden (i.e. green forest, pale yellow rough open land, pale yellow with green dots semi-open land). Refer to the map legend and rules at the end of this bulletin.

NZ MTBO SPRINT DISTANCE CHAMPIONSHIP – SATURDAY 29th APRIL 2023 AFTERNOON

1. **Map**
   - Kerr's Reach – new map, never used for MTBO before.
   - Courses 1-2: Scale 1:7,500, negligible contours, printed on A4.
   - Courses 3-6: Scale 1:5,000, negligible contours, printed on A4.

2. **Terrain**
   - Flat park-like area of grassed land with scattered trees, shrubs and abandoned roads formed from some of the residential suburbs that were severely affected by the 2010-2011 Canterbury earthquakes. The area extends to both sides of the Avon River, and although it has the appearance of an urban park, with closer inspection the boundaries of individual properties can be seen by following the trees and other plantations.
   - Off track travel allowed and expected on bright yellow and white sections of map.

3. **Event Timing**
   - Registration opens 2.30pm.
   - First start 3.00pm.
   - Course closure 5:30pm.

4. **Event Centre Location and Directions**
   - Event centre is on New Brighton Road between Cresswell Ave and Locksley Ave. Locksley Ave is not accessible by car.
   - **From the CBD** head East and turn left to head North on Fitzgerald Ave. Stay on this road, which becomes Whitmore St then Hills Rd. Turn right at the crossing onto Shirley Rd which becomes New Brighton Rd, continue for 2.5km to the parking and event centre. **From the Middle Distance event centre**, take Bower Ave South, at the 3rd roundabout (&BP garage) turn right onto Travis Road. At the next roundabout turn left onto Anzac Drive/SH74, then right/3rd exit at the roundabout onto New Brighton Rd. Parking and event centre is 2km, at the junction with Locksley Ave.
   - Allow approximately 10 mins drive from Christchurch CBD, 10mins drive from the Middle Distance event centre.
   - Event centre NZTM Coordinates: E 1574262, N 5183021; Lat Long: -43.505242, 172.681689.

5. **Course Overview**

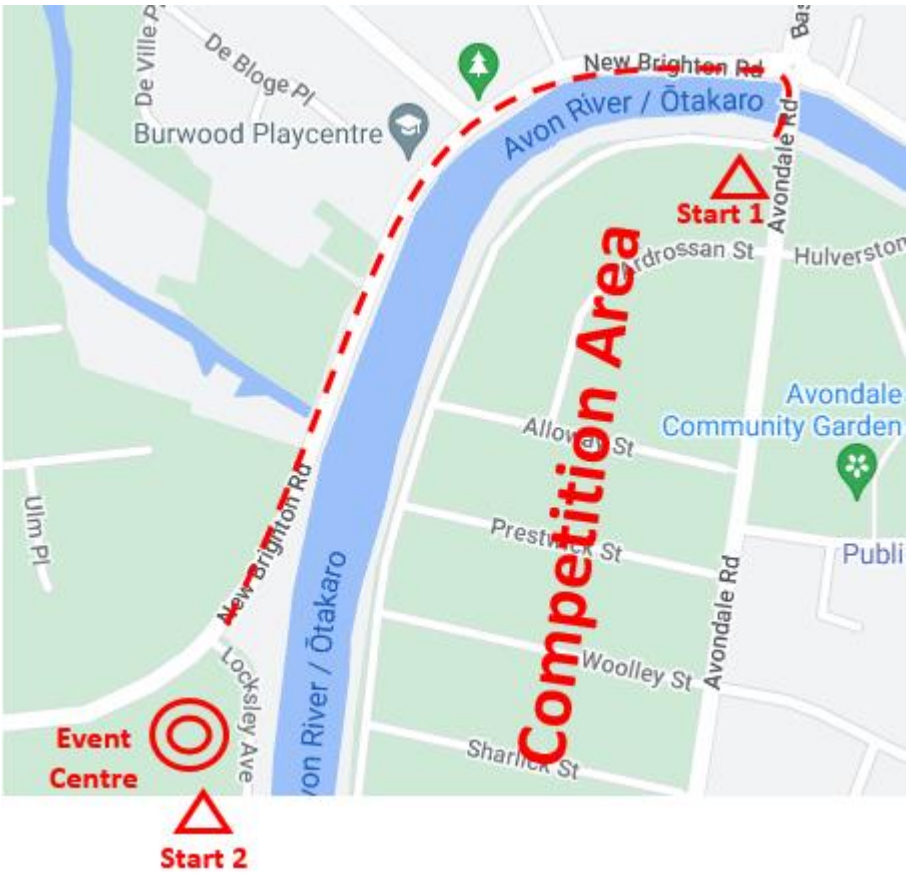
Course	Classes	Distance	Climb	Controls
1	M Open, M20, M40	6.4km	Negligible	26
2	W Open, W20, W40, M50, Rec Medium	5.4km	Negligible	19
3	W50, M16, M60,	4.5km	Negligible	18
4	W16, W60, M14, M70, Rec Short	4.1km	Negligible	15
5	W14, W70	3.0km	Negligible	12
6	Rec Easy	2.6km	Negligible	12

6. **Planner and Controller**
   - Planner: Jacob Knoef
   - Controller: Dave Armstrong

7. Parking, Event Centre, Registration, Start and Finish Details

- Parking will be along New Brighton Road, preferably West of the event centre. Please park on the South side of this busy road.
- Registration will be at the event centre. Toilets will be available and there will be a coffee cart. A sausage sizzle and bake sale will be available: proceeds to JWOC and PAPO junior travel expenses respectively.
- There is a large area North of New Brighton Road available for warmup.

- There are two starts, please follow signs and ride safely along public roads:
  - Start 1 for Courses 1 & 2 will be accessed by riding along New Brighton Rd and crossing the Avondale Rd Bridge, see map below.
  - Start 2 for Courses 3 to 6 will be near the event centre.



- The finish for all courses is at the event centre.
- Download will be at the event centre: please promptly download your SPORTident as soon as you finish.

8. Out of Bounds

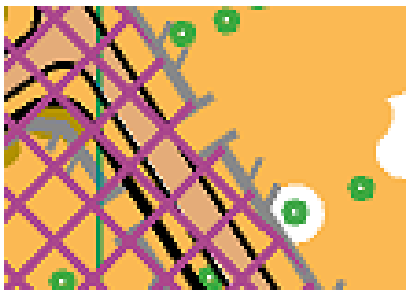
- No riding on green, light yellow & out of bounds areas marked on the map.
- Competitors may only enter the competition area whilst competing on their course. No entry prior to this.
- Competitors can travel off track on anything marked white or bright yellow, as per the rules.

9. Hazards

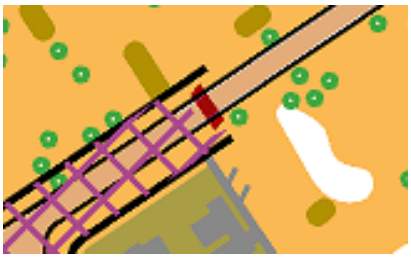
- Parking: this is on New Brighton Road which can be quite busy. Please park on the south side of the road, or on side streets (Fleete St, Kingsford St, Cresswell Ave) especially if you have children with you.
- Public: this is an active public recreational area, including off leash dog walking. In addition, the Te Ara Ōtākaro/Avon River Trail, a shared used walking and biking track, passes through the area. Please take extreme care: you do NOT have right of way. Please be courteous and be prepared to give way to members of the public where necessary.
- Kerbs: the streets and kerbs within the red zone vary in quality as can be seen below. None have been found to be unrideable but take care.


10. Special Notes

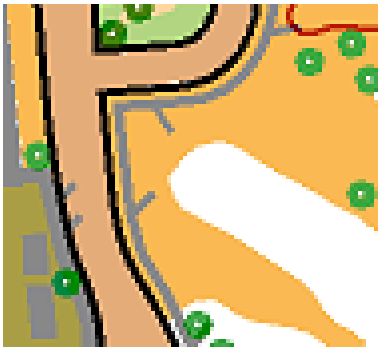
- The sprint map does not conform to the NZ MTBO mapping specification for symbol sizes. The symbols have been reduced to 50% of their usual size in order to map detail effectively. However, the map has been printed at 1:7,500 (or 1:5,000) instead of the usual 1:15,000, so the symbols will appear to be regular, but have half the footprint of those on a regular MTBO map.
- The multitude of green electricity transformer building/boxes dotted around the area have been mapped as X (grey cross, prominent man-made feature).
- The majority of the public roads that pass around and through parts of the area have been fenced off with 1m high 4-wire fencing, with access points as shown below. They can be hard to see but you will not be crossing any of these fences. Fences mapped 518 (grey, double tick) Impassable.

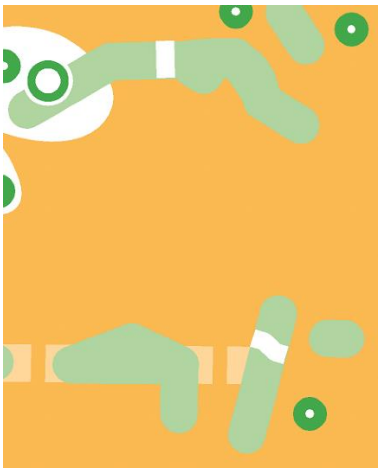
- Where roads enter/exit the area they are blocked off as shown below. You will not be passing through these.

- There is some very low wire "fence" around club parking areas, mapped as 516 (grey, single tick) Passable.



- Tree rows are marked on the map using light green forest/Rough open land, meaning you are not permitted to ride through them. However for fairness, most rideable gaps in the tree rows have been marked using a thin strip of white forest or open land so these gaps are allowed to be used.



NZ MTBO LONG DISTANCE CHAMPIONSHIP – SUNDAY 30th APRIL 2023

1. **Map**
   - The Willows: a new map, never used for MTBO (or any orienteering) before.
   - Courses 1-2: Scale 1:15,000, printed on A3 with a map flip.
   - Courses 3 – 6: Scale 1:10,000, printed on A3 with a map flip.
   - Course 7: Scale 1:7,500, printed on A4.

2. **Terrain**
   - The Willows is a recreation area within the Waimakariri River Regional Park, developed specifically for non-motorised activities including walking, cycling, swimming, kayaking and fishing. It contains shingle stop bank roads, undulating single track and forest trails set amongst willows, poplars, pine and mature kowhai.
   - The MTBO map extends beyond the designated non-motorised area to extensive areas of 4WD and motorbike trials in forest and semi-open land, plus forest roads and stop banks.

- The track gradings are relevant to dry weather. If it's wet expect some puddles on the tracks, however most tracks are on free draining gravel and not too muddy.
- There are one-way singletracks on the map. Direction of travel is marked with purple arrows as per the legend. Travelling in the wrong direction on these tracks on bike or foot will result in disqualification. If you overshoot a control make another loop in the correct direction to get to it, don't turn back. This is for safety and to allow some interesting route choices.
- Off track travel is not permitted except as per the rules, see special notes in section 10 below.

3. Times

- Registration open from 9.30am
- Starts from 10.30am
- Prizegiving approx. 2.30pm.
- Course closure 3.00pm

4. Event Centre Location and Directions

- The Willows Recreation area, Thompsons Road, off Old West Coast Road, West Melton. From Christchurch CBD head West to join Yaldhurst Rd/SH73, continue West then fork right onto Old West Coast Rd, and after ~14km turn right onto Thompsons Rd (directly opposite Calders Road).
- The event centre is ~2km further at the recreation area car park.
- Allow approximately 35 mins drive from Christchurch CBD.
- Event centre NZTM Coordinates: E 1545727, N 5187243; Lat Long: -43.465753, 172.329054.

5. Course Overview

Course	Classes	Distance	Climb	Controls
1	M Open	30.9km	Negligible	35**
2	W Open, M20, M40	24.1km	Negligible	29
3	W20, W40, M50, Rec Medium	20.2km	Negligible	23
4	W50, M16, M60	17.1km	Negligible	22
5	W16, W60, M14, M70, Rec Short	13.6km	Negligible	19
6	W14, W70	11.9km	Negligible	16
7	Rec Easy	3.7km	Negligible	13

****** Please note that M Open competitors will need to use a high capacity SI-card (i.e. SIAC (SI air), SI-6, SI-9, SI-10 or SI-11).

6. Planner and Controller

- Planner: Alister Metherell
- Controller: Aaron Prince

7. Parking, Event Centre, Registration, Start and Finish Details

- Parking will be in the riverside car park for everyone except for those with small children, who should be kept away from this area. There is limited parking near the event centre for families. Overflow parking is available on the roadside as you approach the event centre, recreation area carparks and on road sides. Please follow instructions from the parking volunteers.
- The event centre, registration, start and finish are all in close proximity to parking.
- Toilets will be available at the event centre and there will be a coffee cart. A sausage sizzle and bake sale will be available: proceeds to JWOC and PAPO junior travel expenses respectively.

- Security: This is a public area so please take normal precautions. Car keys may be left at the event centre caravan.
- Safety: A public road runs through the middle of the map. Keep to the left at all times and obey all road rules. The map is adjacent to a Defence training area. Do not be surprised if you hear gunfire!
- All parts of the map are open to the public. Expect to meet other cyclists and walkers on the designated mountain bike tracks in the section of forest near the start – please be courteous when passing. In all other parts of the map there will be some trail bikes and 4WD vehicles. They may be noisy but are generally slow moving – again please be courteous.
- Warm up is only allowed on Thompsons Road. Please be careful of cars and keep left at all times.
- The finish is at the event centre, and will include a finish chute that competitors must follow. Non-competitors and competitors who are part way through their course must not enter the finish chute.
- Download will be at the event centre: please promptly download your SPORTident as soon as you finish.
- Prize giving for the NZMTBO Championships will happen at the conclusion of racing at this event, at approximately 2.30pm.

8. Out of Bounds

- The Defence area and Dog Park are mapped as out of bounds and are both surrounded by high fences.
- All trails and roads are out of bounds before and after finishing your course, while the competition is still in progress.

9. Hazards

- Trails in the recreation area will be open to the public, so please watch for other users, these may include cyclists, walkers, dogs, trail bikes and vehicles.
- Some of the trails can be ridden at high speed, so please be prepared for meeting oncoming riders at any time and be prepared to give way or stop. The following rules apply:
    - Slow down when passing members of the public.
    - When passing opposing traffic keep left.
    - Be especially careful at intersections, especially when entering or crossing a road or major track from a minor one.
    - Do not stop on single tracks in a position which impedes other riders.
    - When a faster rider wishes to overtake you, give way at the first opportunity. The faster rider should call to indicate their intention to pass and on which side.
    - Avoid damaging tracks through aggressive riding such as skidding.
    - On public roads obey all traffic rules.
- Some tracks are partially overgrown with long grass, branches, gorse and blackberry. As such the riding surface may be partially obscured, but holes and unseen obstacles are rare. However, expect to get legs, arms and hands scratched. You may wish to consider long sleeves and full gloves. Be very careful not to catch a branch at head level. Protective eyewear is recommended.

10. Special Notes

- Off-track travel allowed through forest (white) and open land (bright yellow) is not necessarily obvious, but in most cases can be ridden through without dismounting, as per map extract below:

- To be clear, you may not shortcut through the terrain types where travel is not allowed according to the legend.
- The distinct trees which have been mapped (shown as green circles with white centres in the map snippet above) are mostly individual pine trees. Poplars and willows **have not** been mapped as individual trees, even though some of them are distinctive in the terrain.
- The appearance in the terrain of tracks as wide or single track may vary depending on recent usage by 4WD vehicles. In one small area of the map, used by part 2 of courses 1-4, a complex maze of wide tracks have been mapped as narrow for improved clarity.
- All courses, except course 7, will cross fences or gates marked as obstacles where lifting a bike over is an obvious option. However, many are only short sections of fence blocking vehicle access which can be easily circumnavigated, or are wire ropes or metal arm gates which a bike can be dragged under. Courses 5 and 6 have been planned so that these crossings should not be difficult. However, any e-bike entrants in Recreational Medium grade (course 3) need to be aware that obstacles on some route choices may be a little more difficult to cross. Fences have mostly not been mapped as they generally run between a road and areas marked as do not cross.

CHAMPIONSHIP SUMMARY

NZ MTBO Championships

The Sprint, Middle, and Long distance events constitute the New Zealand Mountain Bike Orienteering Championships, and is delivered on behalf of Orienteering New Zealand. NZ Championship titles can only be held by members of a NZ orienteering club who are also NZ citizens or have permanent residency. However, place getters will still be recognised with their placings in prize giving and in the results.

E-bikes are only allowed in Recreation grades.

The Recreation grades will not be official championships grades, but placegetters for the Recreation grades, and all participants too young to race in the M/W14 grades, will be acknowledged.

START INFORMATION, TIMING SYSTEM & RESULTS

Start Procedures

- There will be a start interval of 2 minutes for competitors on the same course, for the Sprint and Middle distance events. For the Long distance event the start interval will be 3 minutes for competitors on the same course.
- There will be a pre-start call up 4 minutes before start time:
    - At 4 minutes before start: check off name and SI card number with the official, clear, check and test, wait.
    - At 3 minutes before start: move forward, receive instructions from the official, wait.
    - At 2 minutes before start: move forward to map table, confirm correct course map for your class (e.g. M40 is course 2).
    - At 1 minute before start: turn over map, move forward and place map on map board. You may inspect the map during this time.
    - At 0 minutes: start. You do not need to punch any start box to start.
- There will be “clear, check and test” SI stations in the pre-start area.
- A large clock will be placed at the pre-start which is set at race time plus 4 mins – e.g. if your race time is 11.00am, and your call up is 4 mins before race time (10.56am), the pre-start clock will show 11.00am at 10.56am. In simple terms, when the pre-start clock shows your race time, you should enter the pre start area for the 4 minute countdown sequence.
- If you are late for your pre-start call up time, tell the start official. It will be at the discretion of the start official whether they can fit you into your allotted slot or how you will be fitted into the start at the first convenient time, but your race time will run from your original start time. The start official will note the time slot you started in. If you consider that you have a valid reason for being late, explain that to the event controller after you have finished, and if the reason is proved valid, your race time will be calculated on your actual start time.

Start Times, including requests and changes of entry details

- Start times will be emailed to competitors and uploaded on the www.mtbochamps.nz website by Friday 28th April.
- Start time requests are not guaranteed: please fill out this form for start time requests due to parenting arrangements, travel etc, they must be submitted before Wednesday 26th April to be considered.
- Once start lists have been published, no changes are possible.
- If you wish to change grade, SI number or withdraw from a race prior to the event fill out this form before Wednesday 26th April.
- Changes after this date can only be requested at registration at the events, and the only grade changes permitted will be to switch from a Championship course to a Recreational course due to injury etc.
- Details of all entries and the races/grades they have entered can be found here.

Results

- Results will be displayed at the event centre during the event. They will also be available on the www.mtbochamps.nz website and on Winsplits after each event.

SPORTident Air+ Timing System

- SPORTident Air+ timing will be used for all events. Hired SI cards will be available to collect at registration.
- This is a contactless system. The checkpoint boxes will register a competitor visiting a checkpoint when they are within 50cm proximity of the checkpoint with a beep and a small light flashing. It is critical to ensure you have registered a punch at the control – this will be signaled by an audible beep and a flashing light in the SPORTident stick (SPORTident Air Card or SIAC).
- The onus will be on the competitor to ensure their SIAC records them visiting a checkpoint.
- Please note that in the Long event, M Open competitors will need to use a high capacity SI-card (ie. SIAC (SI air), SI-6, SI-9, SI-10 or SI-11).
- Finish controls will be Air+ activated. Competitors will not need to punch the Finish control (i.e. insert the SIAC stick into the finish control). It is important that once competitors have finished, they move forward, away from the finish control, out of the way of other riders finishing.
- If you do not have a SportIdent Air Card, you may use a conventional SI-card and manually punch each control. However if you are manually stopping to punch a control, please do not impede other competitors using SI-Air who will be expecting to keep riding past the control as they punch.
- No-one is to stop and read their map in a position adjacent to a control which impedes the progress of other riders.
- Ensure you clear, check and test your SI stick before each race, as this erases any previous race data and turns on the Air+ mode. Failure to do this may result in an invalid or no race result due to corrupted race data being stored on the SI stick or the stick not registering when you visit a control.
- In the rare event of a control box failure, each control also has a manual clipper. Competitors should clip one of the marked clip boxes on their map in this instance, to prove they have visited that control.

FIRST AID AND WATER

- Whilst there will be a designated first aider in attendance at all the events, and a stocked first aid kit available at registration, in general we ask orienteers to cover their own minor first aid needs through having basic first aid resources with them (plasters, pain relief etc.).
- More significant first aid needs will need to be presented to a medical centre: in addition to Christchurch Hospital, out of hours urgent medical care services are offered at Moorhouse Medical Centre (8am-4pm sat & sun) and Riccarton Clinic (8am-8pm sat & sun).

- In the event of a medical emergency call 111, then immediately inform an event official who will be able to assist.
- An AED device is also kept at registration in the event of a cardiac emergency.
- There is no public water supply at any of the event centres. There will only be a limited amount of water at the finish, so all competitors should come with enough water for their race.

BIKE REPAIRS AND MAPBOARDS

- There are a plethora of bike shops in Christchurch, offering mechanical services and the sale of bike parts and other gear, including:
  - Hub Cycles, Tower Junction, Addington, 03 982 4982, 8am-6pm mon-fri, 9am-5pm sat, 10am-4pm sun,
  - Evo Cycles, Tower Junction, Addington, 03 3772058, 8.30am-5.30pm mon-fri, 9am-5pm sat, 10am-4pm sun,
  - Basic Bikes, 27 Columbo St, Cashmere, 03 9432066, 8.30am-5.30pm mon-fri, 9am-4pm sat
  - Chain Reaction, 218 Moorhouse Ave, Sydenham, 03 943 4926, 8.30am-5.30pm mon-fri, 9am-5pm sat, 10am-4pm sun.
- Rotatable map boards are highly recommended for MTBO. PAPO has a number of map boards available for hire for $5 per race ($15 for the weekend). Fill out this form, to hire a map board.
- If you would like to purchase a mapboard, Michael Wood from the Mapsport shop will be at the events. To see what is available see www.mapsport.co.nz/misc.html. Contact Michael if you wish to pre-order.

RULES AND TECHNICAL

Competition Rules

This competition will be run in accordance with the Orienteering NZ Competition Rules for New Zealand MTBO Orienteering Events http://www.orienteering.org.nz/wp-content/uploads/2013/12/ONZ-MTBO-Rules-2014.pdf. These rules indicate what is allowed or disallowed during an event, and anyone in breach of these may be disqualified. All competitors must become familiar with these rules, particularly overseas or new competitors who may not be familiar with some New Zealand applications.

For overseas competitors, please note New Zealand has **NOT** adopted the latest 2022 IOF MTBO specifications, so NZ rules are based on the 2010 IOF MTBO rules with some unique NZ deviations. In particular this differs from the IOF specification for the depiction of allowed and forbidden areas for cross country travel. Please refer to the extended legend below.

MTBO SYMBOLS

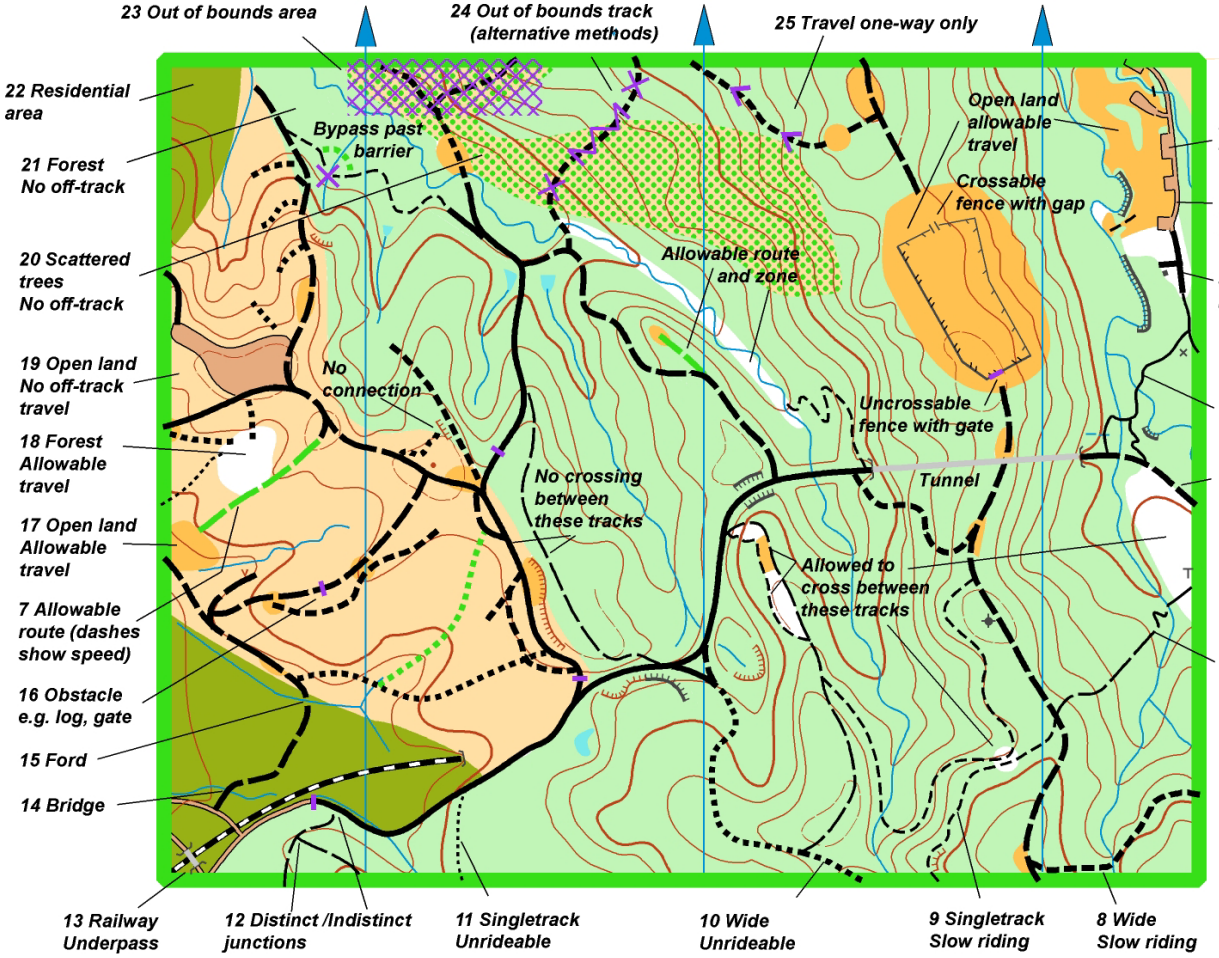
Prepared to illustrate the New Zealand MTBO Mapping Conventions, as at 2021. Based on the 2010 IOF specifications with NZ adaptations to make it clear where you can go off the track network, and how fast this might be.

SCALE 1:10,000, Contours 10m

0 100 200 300 400 500m

MAGNETIC NORTH

Contours
Small hills
Cliff, Earth bank
Lake, Streams
Rideable ditch, Dismounting ditch
Large tower, Small tower
Building (some only), Canopy
Water tank, Stock trough, Made object
Fence, Uncrossable fence
Stone wall, Uncrossable wall
Other linear object, Uncrossable



NB The green-line allowable routes have largely been overtaken by the allowable colours, see below

MAINTAINED SURFACE, FAST RIDING
1. Paved or hardstanding area
2. Sealed roads
3. Wide unsealed, fast
4. Single-track, fast

75-100%

UNMAINTAINED SURFACE, MEDIUM SPEED
5. Wide, medium speed
6. Single-track, medium
7. Allowable route

50-75%

ROUGH/OVERGROWN, SLOW
8. Wide, slow riding
9. Single-track, slow
7. Allowable route

25-50%

OBSTACLES, IMPOSSIBLE TO RIDE
10. Wide, unrideable
11. Single, unrideable
7. Allowable route

Speed 0-25%

12. Distinct / Indistinct junctions
13. Underpass or Tunnel
14/15. Bridge, Ford
16. Obstacle needing dismount

VEGETATION
(Travel at 25 - 50% speed)
17. Open land: allowable travel
18. Forest: allowable travel

YES

19. Open land, NO off-track travel
20. Scattered trees, NO off-track
21. Forest: NO off-track travel

NO
NO

22. Out of bounds, urban areas
23. Special out of bounds
Out of bounds track
24. Out of bounds points
25. Travel one-way only
(between junctions)

Original Cartography: Michael Wood www.mapsport.co.nz The symbols in this file are for 1:15,000. They may be enlarged to 150% for 1:10,000 and below. This page is designed to be printed at 1:10,000

Variation from the Rules

There is one variation from the ONZ MTBO competition rules which competitors should be aware of:

- Control codes – The current rules state that control descriptions on maps should have the control number followed by the control code in brackets, E.g. 3 (125). **For this championship the practice will be the control number followed by the control code with a hyphen, e.g. 3–125.**

Protests and Complaints

- If you wish to make a complaint regarding an infringement of the rules or the organizers' directions, please do so in writing at registration. This must be done within 60 minutes of you completing your course. The event controller will consider the matter that you have raised and let you have their decision. There is no charge for making a complaint.
- If you are not satisfied with that decision, you may ask that the complaint be considered as a protest. A fee equal to the entry fee that you paid for that day's course is then payable, but this fee will be returned if your protest is upheld.
- Protests will be considered by a jury of experienced MTBO controllers.

Mapping

All areas have been mapped to the NZ MTB Orienteering specification as detailed above and described in the Orienteering NZ Mountain Bike Orienteering Rules (note the info on symbol sizes for the sprint map).

Sprint, Middle and Long distance event maps will all be printed on Teslin waterproof paper.

CLASSES AND WINNING TIMES

Grade	Sprint Distance Event		Middle Distance Event		Long Distance Event	
	Course	Approx Winning Time (mins)	Course	Approx Winning Time (mins)	Course	Approx Winning Time (mins)
Men's Open	1	22	1	55	1	110
M14	4	22	5	30	5	40
M16	3	22	4	40	4	60
M20	1	22	2	50	2	90
M40	1	22	2	50	2	95
M50	2	22	3	50	3	90
M60	3	22	4	45	4	85
M70	4	22	5	45	5	80
Women's Open	2	22	2	55	2	110
W14	5	22	6	30	6	40
W16	4	22	5	40	5	60
W20	2	22	3	50	3	90
W40	2	22	3	50	3	95
W50	3	22	4	50	4	90
W60	4	22	5	45	5	85
W70	5	22	6	45	6	80
Recreational Medium	2	-	3	-	3	-
Recreational Short	4	-	5	-	5	-
Recreational Easy	6	-	7	-	7	-

PRIZEGIVING AND CATERING

Prizegiving

- Prizegiving for all events will happen at the conclusion of racing, at approximately 2.30pm Sunday.
- There is no formal social event planned over the weekend, but note that the Red Zone is less than 10min drive from the He Puna Taimoana Hot Pools overlooking New Brighton Beach: could be a good opportunity for discussing the day's racing during a relaxing soak after the Sprint event (note bookings are required).

Event Catering

- A coffee cart will be attending all the events. A bake sale will be available at all events: proceeds to PAPO junior travel expenses. The JWOC squad will be running a sausage sizzle at the Sprint and Long distance events to raise funds for their upcoming travels.
- The Middle distance and Sprint events at Bottle Lake the Red Zone are in fairly close proximity to local shops, cafes and eateries in New Brighton and the Christchurch CBD. Note that there are no retail facilities at The Willows, so come prepared to the Long distance event.

THANK YOUS, SUPPORTERS & LANDOWNERS

Whilst Peninsula & Plains Orienteers (PAPO) is the host club for these championships, we wish to acknowledge the help and support of other organisations, including Nelson Orienteering Club for loan of the SIAC hire set, and Central Otago Orienteering for putting on two warm up races in the week preceding the championships, and for the loan of control stakes. A huge thanks to all of the volunteers and event personnel who have put in significant efforts to make these events happen.

The organizing team is extremely grateful to the following landowners and supporters who have assisted us in this event:

- Christchurch City Council
- Environment Canterbury
- The Coffee Shot Expresso
- Coffee Skills
- CQ Print

Lastly, a big thank you to all of the competitors who have entered this event. We hope you enjoy some great maps, racing, camaraderie, and local hospitality to make this a memorable event for you.