



# 19-20 NOV 2022

## 2022 NZ MTBO CHAMPIONSHIPS

### EVENT BULLETIN

Orienteering Bay of Plenty, with support from Orienteering Taranaki, Taupo Orienteering Club, and Orienteering NZ, welcomes you to the 2022 NZ MTBO Championships.

Please read this bulletin prior to competing in the Champs events. Any last minute updates can be found on [www.mtbochamps.org.nz](http://www.mtbochamps.org.nz). Social media posts can also be found on the Mountain Bike Orienteering New Zealand Facebook page.



**Orienteering**NZ  
*Find your adventure*

### PROGRAMME

Middle Distance Champs  
Sat 19 Nov Morning  
Sprint Distance Champs  
Sat 19 Nov Afternoon  
Picnic Dinner & Prize  
Giving  
Sat 19 Nov Evening  
Long Distance Champs  
Sun 20 Nov

### CONTACT

Event Organizer:

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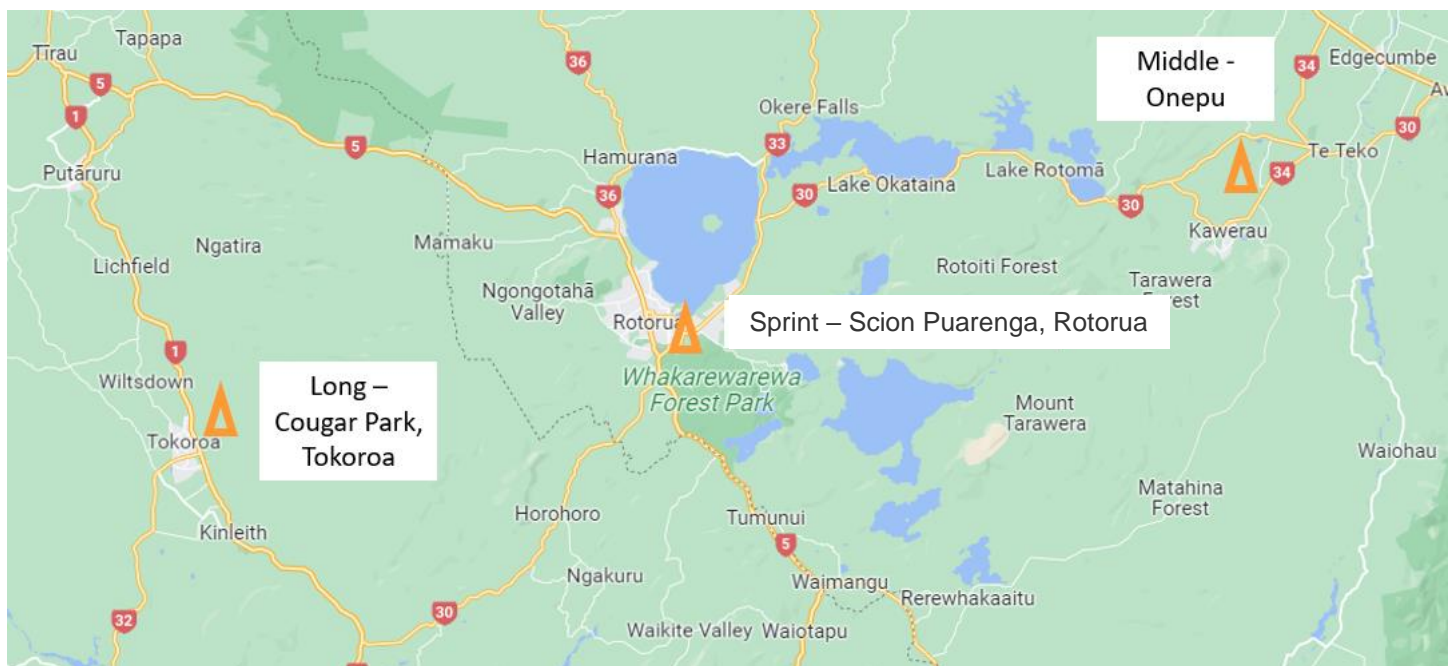
## IMPORTANT SAFETY INFORMATION

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:

- 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	Starts From	Distance from Rotorua CBD	Driving time from Rotorua CBD
Middle - Onepu	19 November	9.30am	56km	55 mins
Sprint – Scion and Puarenga	19 November	3pm	4km	10 mins
Long - Tokoroa	20 November	10am	56km	45 mins



**NZ MTBO MIDDLE DISTANCE CHAMPIONSHIP – SATURDAY 19th NOVEMBER 2022  
MORNING**

**1. Map**

- Onepu.
- Courses 1-6 - Scale 1:6,000, 2.5 metre contours, printed on A3. Courses 1 and 2 will use two maps (see special notes, below).
- Course 7 - Scale 1:4,000, printed on A4.

**2. Terrain**

- Onepu is a community mountain bike park with a complex network of interconnecting trails set on rolling pine forested terrain. Rideability is mostly good, with most trails of reasonable gradient that will be rideable for most people.

**3. Times**

- Registration open from 8.30am.
- Starts from 9.30am.
- Course closure 12.30pm.

**4. Location and Directions**

- Onepu Mountain Bike Park, State Highway 30, opposite Braemar Road (approximately 15 mins from Kawerau).
- Allow approximately 50 mins drive from Rotorua CBD.
- Event centre coordinates NZTM E 1926556, N 5784774.

**5. Course Overview**

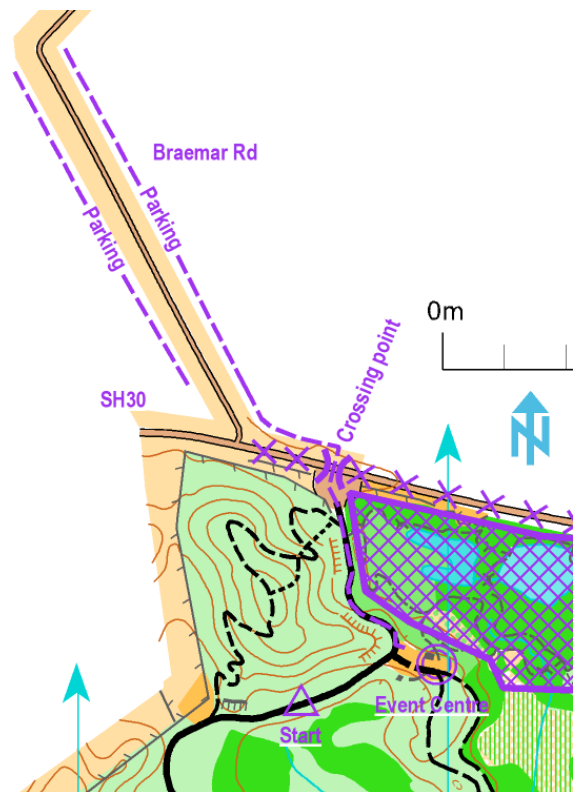
Course	Classes	Distance	Climb	Controls
1	M Open	13.5km	320m	19
2	W Open, M20, M40, M/W E-Bike Open	11.5km	275m	16
3	W20, W40, M16, M50, Rec 1	10.2km	245m	12
4	W16, W50, M60	9.6km	230m	12
5	W60, M70, Rec 2	7.9km	190m	9
6	W70	4.1km	98m	7
7	M/W10	1.9km	60m	10

**6. Setter and Controller**

- Setter = Peter Swanson.
- Controller = Dennis De Monchy

## 7. Parking, Registration, Start and Finish Details

- Competitor parking is located on Braemar Road, opposite the Onepu MTB Park entrance. Please follow instructions from the parking volunteers in parking off the side of the road. Competitors must not attempt to park at the main MTB park entrance – this has limited capacity and will be used by event staff and members of the public not associated with the event. People should take care with security and we recommend no bikes are left on cars and avoid leaving valuables in vehicles if possible.
- Please note competitors must take great care when walking/riding from the car park area and crossing the road to the MTB park entrance. From the Braemar Road/SH30 junction, this involves travelling approximately 50 metres along State Highway 30 and then crossing at a marked crossing point to the park entrance. See attached map, right. This crossing point will be manned by an event official, and please follow their instructions. Highway 30 can be busy at times, including truck traffic so great care is needed – parents with children in particular should be careful.
- The event centre and registration is about 200 metres along the main track from the park entrance.
- The start is approximately 100metres from the event centre. Finish is at the event centre.
- Warm-ups must be done on Braemar Road – competitors must not ride on SH30 as this is a busy main road.



## 8. Hazards

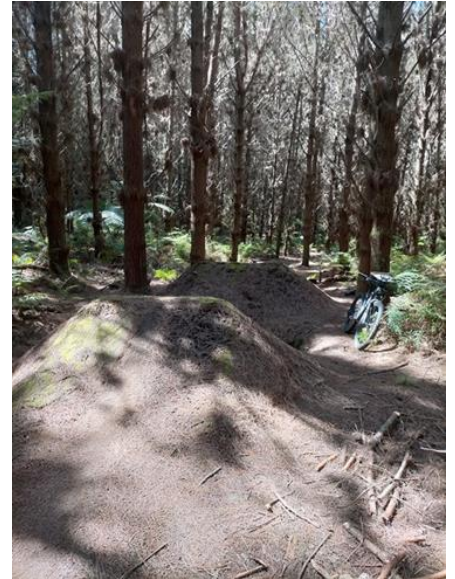
- Public roads will be used getting to the event centre. Riders must abide by usual road rules and give way.
- Please note that during competition the park remains open to the public – therefore competitors should expect to share the race area with members of the public who may also be riding bikes, walking, or taking dogs for walks. Please be courteous and be prepared to give way to members of the public where necessary.
- All trails will be two way during the competition, and some may be fast. There are numerous blind corners on trails where riders will need to slow and be prepared to stop for people coming the other way. Take care on the loose cinder surface!
- Jump trail features (double gap jumps) must not be ridden – riders must ride around the sides of them.
- Keep left at all times on trails!
- 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

- The Mountain Bike Park South of the carpark is the main competition area and may not be entered prior to competing, other than via the main forest road to the event centre and the start.
- The wetlands area on the north side of the map, and associated walking trails, are out of bounds to competitors whilst competing on their course. These are clearly marked with purple crosses or hatching on the map.

## 10. Special Notes and Symbols

- There are a small number of tracks which are less rideable, mostly located on the western side of the map, and marked with the slowest short dash symbol. These are typically remnants of old/disused trails or illegal trails which are slow riding and will require some dismounts for most people. Where trails are less obvious, we have used orange tapes to mark entrances and trail sections that are unclear – riders will need to pay attention to see these. Two of these trails descend/ascend steep terrain where the trails rise from valley floor to the ridgeline terrain – these sections are marked with a special symbol on the map (exclamation mark in purple). Confident riders with dropper posts will be able to ride these downhill but they will be unrideable uphill. Riders on e-bikes in particular may struggle to push their (heavier) bikes up these sections, so should take this into account when deciding route choice to controls in these areas.
- There is one trail which follows a jump line consisting of large earth double jumps with steep ramps, and a pit in between them (created by the earth used to make the jumps) – see pictures below. These are marked by special symbols on the map consisting of double elongated knolls, coloured purple to signify hazard, but surrounded by white to show it is possible to ride around them. **No riders should attempt these jumps at all.** Ironically, with these features avoided the track is generally quite easy and rideable with a smooth surface. See special symbols below.



- Whilst rideability on most of the map is generally good, care should be taken on the cinder surface which predominates the track network and can provides poor traction in corners.
- Whilst many of the trails are normally one way, on the day of the competition they can be ridden in any direction. Because of this, particular care should be taken to avoid collisions. Consequently, riders can ignore the “No Entry” or “Trail Exit” signs on the day of the competition. Note this arrangement is only in place for this race, and any competitor who returns to the park at a later date needs to comply with trail directions and signs.
- Riders must only ride on tracks marked on the map, and no off track travel is allowed, even where tracks are in parallel and run close together (i.e. no crossing green forest between tracks). The only exception to this are small sections of forest marked as white on the map, and clearings marked as bright yellow where off track travel is allowed. Examples below:

**NO off track travel allowed** between tracks, where marked green!



**Off track travel allowed** between tracks where marked as white (but not through green! )



- There are two special symbols used on this map, which are non-standard ONZ/IOF Symbols:
  - As stated above, one track follows a jump line consisting of a series of large double gap jumps – these features are obvious and easy to avoid and ride around and are shown using double purple elongated knoll symbols within a white (or bright yellow) oval.



#### SPECIAL SYMBOLS

##### CAUTION

Jump/gap - must ride around



Steep track



- The other special symbol is a purple exclamation mark, signifying a steep section of track.



- Courses 1 and 2 will use two maps. Both maps will be stapled together in the top left hand corner, and provided to competitors at the start, with the first part of the course on the top map, second part on the bottom map. We will leave a plastic box for discarded maps at control 130 where the map transition occurs and make these available for pick up at the end of the event.
- Some walking trails are marked with purple out of bounds symbols and must not be used.
- Competitors should expect some level of generalization in the way tracks have been mapped, particularly in areas where there are tight twists and turns. More obvious corners and junctions, however, should on the whole be mapped accurately.
- For the Middle distance event only, we will be using controls made of corflute, attached to a tree at each control site (similar to picture, right). These will have the SI control box and an orienteering flag attached. They are positioned so riders can easily access them and register on the SI unit without the need to dismount.



## NZ MTBO SPRINT DISTANCE CHAMPIONSHIP – SATURDAY 19th NOVEMBER 2022 AFTERNOON

### 1. Map

- Scion and Puarenga
- Scale 1:5,000, 2.5 metre contours, printed on A3

### 2. Terrain

- Fast and flat park terrain, with a complex network of trails, buildings, thermal features, wooded and open grass areas. Off track travel allowed and expected on yellow and white sections of map. The area includes a large wooded/open dog walking area, and sports fields.

### 3. Event Timing

- Registration opens 2.30pm.
- First start 3.00pm.
- Course closure 5:30pm.

### 4. Location and Directions

- Event centre is at Whakarewarewa School, 63 Sala Street, Rotorua.
- Venue approximately 5-10 mins drive from Rotorua CBD.
- Event centre NZTM Coordinates; E 1886085, N 5771584.

### 5. Course Overview

Course	Classes	Distance (km)	Climb (m)	Controls
1	M Open, M20, M40	6.5	Negligible	17
2	W Open, W20, W40, M50, M/W E-Bike Open	5.8	Negligible	16
3	W50, M16, M60, Rec 1	4.8	Negligible	15
4	W16, W60, M70	4.3	Negligible	11
5	W70, Rec 2	3.0	Negligible	11
6	W10, M10	2.2	Negligible	14

### 6. Setter and Controller

- Setter = Grant Unkovich
- Controller = Greg Flynn

### 7. Parking, Registration, Start and Finish Details

- Parking will be at Whakarewarewa School. After turning off Sala street into the school driveway, pass over the bridge and parking will be as directed by officials.
- The event center and registration will be at the school.

- The Start for all courses, is approx. 2.6km from the event center. A route map will be available at the event center, and signs will be posted to show the way. You must only follow this route and only enter the 'Dog Walking Area' through the marked gate. Once you enter the 'Dog Walking Area' / Start area through the marked gate, you may not leave. Please complete your warm-up on the route to the start.
- The finish for courses 1-5 is adjacent to the start. The finish for course 6 is at the event center.
- Download will be at the event center, once you return to the event center, please promptly download your SPORTident before doing anything else.

## 8. Out of Bounds

- The area includes open parkland and wooded areas, as well as tracks. Competitors can travel off track on anything marked white or bright yellow, as per the rules.
- No off track travel is allowed on green or light yellow areas marked on the map.
- Competitors can only enter the competition area whilst competing on their course – i.e. no entry to competition area prior to this.

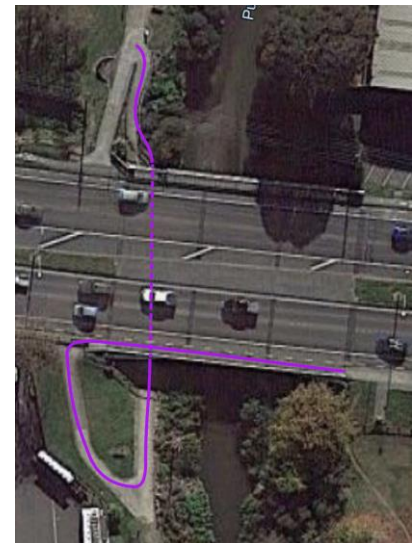
## 9. Hazards

- PUBLIC – this is an active public recreational area, including off leash dog walking. Please take extreme care and you do NOT have right of way. Please be courteous and be prepared to give way to members of the public where necessary.
- There are several 'ditches' that can have steep sides, the worst of these have been marked as forbidden to cross, using the uncrossable boundary symbol, you are forbidden to cross these during your course, see example to the right.
- Courses 1 to 4 cross over stream using a bridge AND an underpass, please keep to the left and take care, see example in special notes.



## 10. Special Notes

- Some areas marked as open yellow between different tree blocks can appear as if they are tracks when traveling at speed, you need to be on your game
- Course 6 will cross a road/driveway. There should be very little use of this on a Saturday afternoon, but nevertheless, there is a control on a STOP sign immediately before this crossing. Please ensure course 6 competitors understand the meaning of a STOP sign and can check both directions before crossing a road.
- Courses 1 to 4 cross over a stream using a bridge AND an underpass. You will use this in both directions. Stick to the left-hand side of the path. When approaching from the east, go onto the shared bike/foot path (do not go onto the road) and travel over the bridge, at the end of the bridge take the path to the left and then left again to circle under the bridge you just traveled over. Continue on this underpass to the other side where the course continues. Reverse order when approaching from the north, except once at the end of the bridge turn right onto the path to continue your course. You must only use this route. It is marked on the map using 2 crossing point symbols and all course lines go to/from these crossing points. There will be marshals to ensure the path is followed and for your safety. See examples right:





# NZ MTBO LONG DISTANCE CHAMPIONSHIP – SUNDAY 20th NOVEMBER 2022

## 1. Map

- Cougar Mountain Bike Park and Tokoroa Memorial Sports Ground.
- Courses 1-6 - Scale 1:8,000, 5 metre contours, printed on A3.
- Course 7 - Scale 1:4000, printed on A4 (this course does not use the forest trails)

## 2. Terrain

- Cougar Park is a purpose-built MTB park, with steep to undulating contour, and a complex network of trails in pine plantation, part of which has been recently logged and replanted. A network of fast forest roads bisects the map, and a complex network of single tracks range from very fast to moderate in different places. Travel is restricted to mapped tracks and areas describe in the Rules and Technical section of this bulletin. In addition, competitors must not cross any sports fields on which organised games are in progress. Cricket games near the finish are possible.

## 3. Times

- Registration open from 9.00am
- Starts from 10.00am
- Course closure 2.00pm

## 4. Location and Directions

- Cougar Mountain Bike Park, Tokoroa Sports Grounds and Cricket Club.
- Heading north into Tokoroa on SH1 (from south), enter the township and turn right into Mossop Road (just before Mobil gas station). Travel approximately ½ km along Mossop Road, and turn left at the Cougar MTB Park sign, and drive up to the South Waikato Cricket Club car park. Signposted from SH1 and Mossop Road junction.
- Event centre NZTM Coordinates; E 1852386, N 5765799

## 5. Course Overview

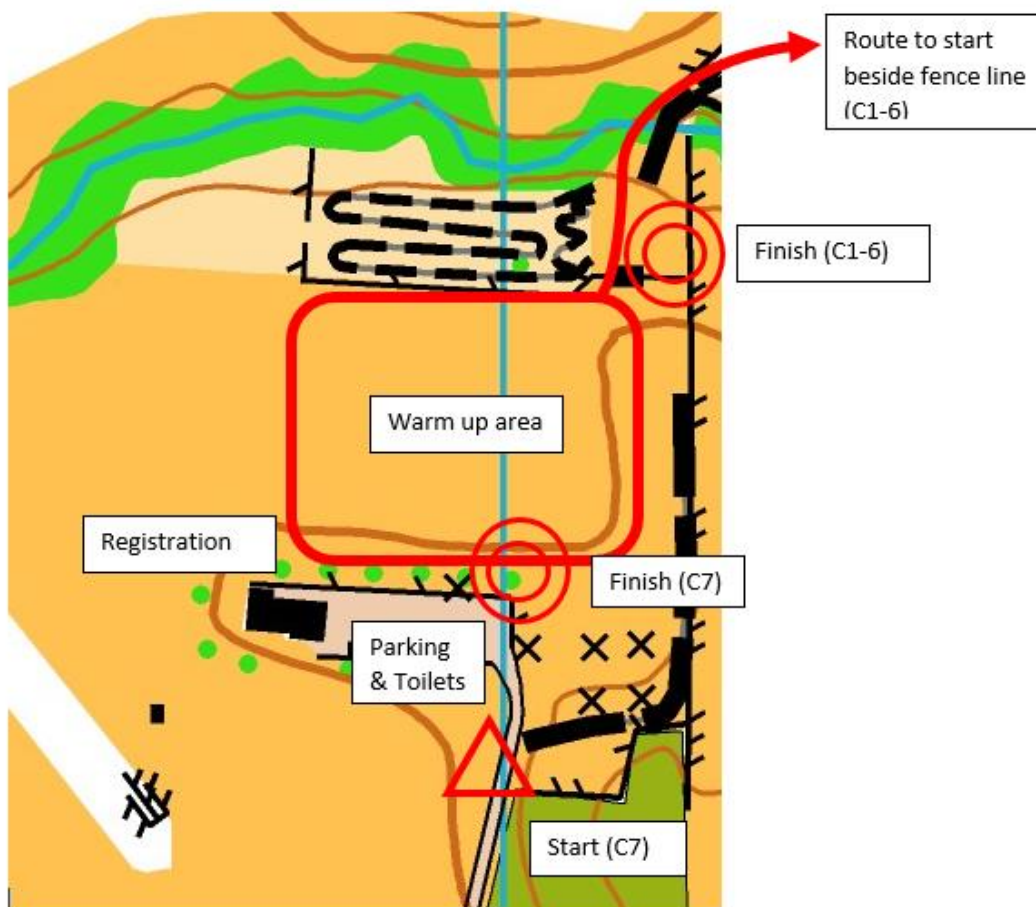
Course	Classes	Distance	Climb	Controls
1	M Open	30.4km	650m	20
2	W Open, M20, M40, M/W E-bike Open	26.1km	590m	15
3	W20, W40, M16, M50, Rec 1	19.4km	460m	13
4	W16, W50, M60	17.4km	370m	10
5	W60, M70, Rec 2	14.6km	300m	9
6	W70	11.3km	220m	9
7	M10, W10	2.5km	Flat	14

## 6. Setter and Controller

- Setter = Jacqui Sinclair
- Controller = Chris Morris

## 7. Parking, Registration, Start and Finish Details

- Layout of event centre is shown below.
- Parking will be in the main Cougar Park MTB Park carpark, next to the South Waikato Cricket Clubrooms. Registration and event centre is at the Cricket Clubrooms.
- The start is a 10-minute ride (1.3 km) following the fence line along the trail. Please keep left, as there may be competitors on parts of this track. Each side of this trail, and any other trails are out of bounds. At the start, you must stay on the left side of the trail and allow passage for public riders.
- The finish is on the trail side of the park entrance to the north of the clubrooms. Warm up can be done on the sports fields between the carpark and the entrance to Cougar Park to the north, and on the trail to the start.
- The start for the Children's course 7 (M10 and W10) is to the south of the parking area beside the access road. There is a separate start and finish for these competitors and all controls will be punch style (not AIR). Parents may shadow their children if they wish. Parents must supervise these competitors, there will be no set start times and no official starter. Be sure to clear and check e-cards before starting.



## 8. Out of Bounds

- The Mountain Bike Park north of the carpark is the main competition area and may not be entered prior to competing, other than via the taped trail to the start.
- Course 7 uses the sports ground area and may not be ridden prior to competing
- Please keep off pump track, farmland next to the sports fields and any sports fields where there are games in progress.

## 9. Hazards

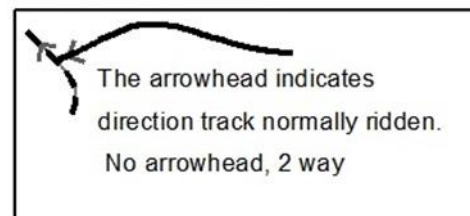
- Cougar Park trails are open to the public, so please watch for other forest users, these may include cyclists, walkers and dogs.
- For this event, two-way travel is allowed on ALL trails, so riders need to be prepared for oncoming traffic on any trail and be prepared to stop or make space for other riders. Note, most of the MTB trails are normally one way in Cougar Park, so whilst signage is up advising the two way use during the event, some locals may not be familiar with this arrangement, so be aware of this with members of the public.
- Some of these 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.
  - On single track, the downhill rider gives way to uphill.
  - 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.
- Many of the trails will have a layer of pine needles which are extremely slippery, especially on tight or fast corners. Pine cones are also found on trails and can be a hazard.
- Fallen trees could be encountered anywhere in the forest. Any trees that block roads or tracks are normally cleared within a few days. Any such obstacles that are seen immediately prior to the event will be advised on the morning of the event but will not be on the map.
- If it has rained recently, the tracks will be greasy.

## 10. Special Notes

- Because two-way travel is allowed on all tracks for this event, even on trails normally designated one way, competitors can ignore associated no entry or trail exit signs.
- Whilst trails are all two-way. On many trails we have used a “normal one-way direction” arrow symbol, marked with a grey under black arrow at major junctions. The reason for this is to convey that some of these trails have been designed to be ridden downhill, and when ridden uphill riders may encounter short steep sections such as bermed corners, which may be challenging to ride for short sections. These are however easy to ride downhill, so have been mapped with downhill travel ease in mind. Note this is a non-NZ/IOF symbol as shown on map sample and legend below:



NON-NZ/IOF SYMBOL



- Green spots on yellow symbol (404.001) has been used for areas of young planted pines – also shown in example above. Showing this vegetation boundary may assist navigation, however note that this should be treated as green, i.e. no off track travel allowed.

- A purple bar across the track indicates a dangerous obstacle where dismount strongly recommended for passage.
- Competitors should expect some level of generalization in the way tracks have been mapped, particularly in areas where there are tight twists and turns. More obvious corners and junctions however, should on the whole be mapped accurately.
- Recent rain has invigorated the vegetation growth. While we have tried to keep up with mapping this, some trails may be more overgrown than the map shows
- The start is located approximately 1.3 km into the competition area. To get to the start competitors must follow the fence line trail, and must not stray onto other trails.
- The finish will be adjacent to the Park entrance, and will include a finish chute that competitors must follow. Non-competitors must not enter the finish chute.
- Prize giving for the Long Distance Champs will happen at the conclusion of racing, at approximately 2.00pm.

## 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.

The Open E-Bike category is the first time a competitive E-Bike grade has been offered. This is not covered by the ONZ Competition rules however, so whilst placegetters will be recognised, it will not be as NZ MTBO Champions or placegetters. Instead the Open E-Bike class will simply be titled the E-Bike Orienteering Challenge. We hope learning from this event may help pave the way for E-Bike inclusion in competition rules in due course.

The Children's and Recreation grades will not be official championships grades, but placegetters for the Recreation grades and participants for Children's grades will also 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 all events.
- 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 digital 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

- Start times will be up on the [www.mtbochamps.nz](http://www.mtbochamps.nz) website the week before the event.

## Results

- Results will be displayed at the event centre during the event. They will also be available on the [www.mtbochamps.nz](http://www.mtbochamps.nz) website after each event.

## SPORTident Air+ Timing System

- SPORTident Air+ timing will be used for all events, except for Course 7 at the Long distance event.
- 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.
- Finish controls will not be Air+ activated. Competitors will need to punch the Finish control (i.e. insert the SIAC stick into the finish control). It is important that once competitors punch the finish control, they move forward out of the way of other riders finishing.
- 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.
- Please ask if you have any questions.
- 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

- Whilst some orienteers trained in first aid will be in attendance at the event, 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 (Lakes PrimeCare is open in weekends, 1165 Tutaneikai St, Rotorua 3010, Ph 07 348 1000).
- 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.

## BIKE REPAIRS

Rotorua has numerous good bike shops for mechanical services, bike parts and other gear. Two good and central city options we recommend are Cycle Zone (1299 Fenton Street, phone (07) 348 6610) and Evo Cycle Rotorua (1081 Amohau Street, phone (07) 245 7000).

## 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 derivations, key ones described below:












### Allowable Travel

In general, riders must use the allowable tracks and roads indicated on the map.

Some off track travel **is allowed, but only** on terrain marked as:

- Bright yellow/orange – this is open land.
- Yellow dots – this is open land with scattered trees.
- White – this is forest that is allowed to be crossed.

#### ALLOWABLE

You MAY Travel across...		
Open Land		
Scattered trees		
Forest (white)		
Allowable Tracks	Vehicle Width	Single Track
Fast Riding - 100%-75%		
Medium Riding - 75%-50%		
Slow Riding - 50%-25%		
Difficult riding - Max 25%		

### Forbidden Travel





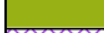


Off track travel **is NOT allowed** on terrain marked as:

- Light yellow – this is rough open land that cannot be crossed or entered.
- Green of any shade – this is forest that cannot be crossed or entered.
- Light yellow with larger white dots
- Olive Green – this is private property
- Purple hatched – this is Out of Bounds

Any tracks or roads marked with a purple cross or hatched symbols are prohibited and cannot be used

**Riders found riding through forbidden areas may be disqualified**

#### FORBIDDEN

You may NOT travel across...	
Rough open land	
Forest (green)	
Rough open/scattered trees	
Private property	
Out of Bounds areas	
Out of bounds route	
Forbidden route	

## 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 described in the Orienteering NZ Mountain Bike Orienteering Rules.

Sprint, Middle, and Long maps will all be printed on Digituff Synthetic Pro White waterproof paper.

## CLASSES & 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	60	1	110
M16	3	22	3	55	3	90
M20	1	22	2	55	2	100
M40	1	22	2	55	2	100
M50	2	22	3	55	3	90
M60	3	22	4	55	4	85
M70	4	22	5	50	5	80
Women's Open	2	22	2	55	2	100
W16	4	22	4	55	4	85
W20	2	22	3	55	3	90
W40	2	22	3	55	3	90
W50	3	22	4	55	4	85
W60	4	22	5	50	5	80
W70	5	22	6	45	6	70
Recreational 1	3	22	3	50	3	85
Recreational 2	5	22	5	45	5	80
M Open E-Bike	2	22	2	55	2	100
W Open E-Bike	2	22	2	55	2	100



## PICNIC DINNER, PRIZEGIVING AND CATERING

### Picnic Dinner and Prizegiving

- There will be a casual picnic dinner (weather dependent) immediately after the Sprint distance on the grass area of Whakarewarewa School. We encourage competitors, along with their families and friends, to bring along their dinner and use it as an opportunity to catch up and socialize with other event participants. We will have several barbeques available if people want to cook themselves dinner. You will need your own utensils (plates, cutlery etc.).
- We will have a prizegiving for the Middle and Spring Distance events around 6.30pm during the picnic dinner.
- If the weather is not good the picnic dinner will be cancelled, and we will do the prizegiving with the Long Distance prizegiving the following day.
- Prizegiving for the Long Distance event will happen in the cricket clubrooms at the conclusion of racing, at approximately 2.00pm Sunday.

### Event Catering

- Note there will be no catering at any of the events.
- The events are all in close proximity to local cafes and eateries. Ciabatta Bakery (38 White Street, Rotorua) is a good option for a quick grab and run lunch on the Saturday. Cougar Park is only 5 mins drive from Tokoroa shops and cafes.

## THANK YOU, SUPPORTERS & LANDOWNERS

Whilst Orienteering Bay of Plenty (OBOP) is identified as the host club for these championships, Taupo Orienteering Club and Orienteering Taranaki are also a key part of the organizing team and sharing resources to enable this event to happen. A huge thanks to all of the volunteers and event personnel who have put in a huge effort to make this event happen.



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

- Richard Hamer and Whakatane Mountain Bike Club
- Shane Le Prou (Onepu Owner)
- Tokoroa Mountain Bike Club
- Hancock Forest Management
- Scion
- Rotorua Lakes Council
- CNI Iwi Holdings
- Timberlands Limited
- Wildfire Sports who assisted with spot prizes
- Advocate 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.