

2023 AUSTRALIAN MOUNTAIN BIKE ORIENTEERING CHAMPIONSHIPS AUS/NZ MTBO CHALLENGE QLD MOUNTAIN BIKE ORIENTEERING CHAMPIONSHIPS NATIONAL MTBO SERIES ROUND 3

Friday 8th September 2023 – Mass Start
Saturday 9th September 2023 - Sprint and Middle Distance
Sunday 10th September 2023 – Long Distance



BULLETIN 3

Event Director: Craig Steffens Mobile: 0418 871 193 info@mtbo.com.au

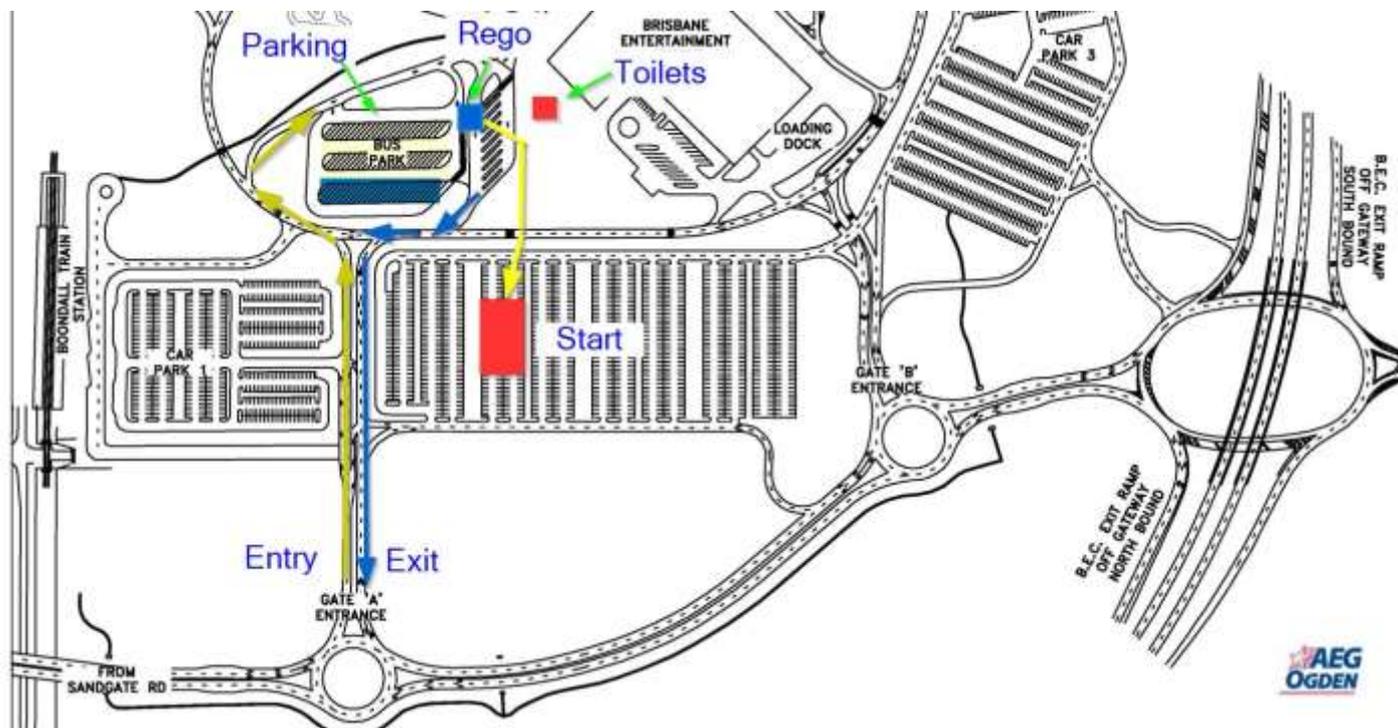
Mass Start Stage Details

When Friday a.m. 8th September
Location Brisbane Entertainment Centre
Directions From Sandgate Rd, follow Stanworth Rd, then Bicentennial Rd to the Brisbane Entertainment Centre 'Gate A' entry gate. Follow the signage to the parking area.

From Gateway Motorway, take exit 117 onto Bicentennial Rd, pass through the first roundabout to follow Bicentennial Rd and at the second roundabout turn right into the 'Gate A' entry. Follow the signage to the parking area.

Gate A - Good.... Gate B - Bad!





Registration

The registration desk will open at 8.30am.

All competitors are required to check in at the registration desk. You will receive your race plate and cable ties to attach the race plate to your handlebars.

Terrain

The whole area is fairly flat with only minor raised areas. Surfaces range from bitumen and paved internal roads, to paved footpaths, concrete bike tracks, dirt roads and tracks and open grassy areas. There are areas of open land with scattered trees that you can ride through but also areas of thick bush that you can't. There are some areas of recent bushfires. Whilst these might appear 'rideable' they are Out-of-bounds and will be shown as white 'forest' symbol on the map.

Map Notes

Scale is 1:5,500. Contour interval is 5 metres. **All courses use 3 single sided A4 maps, stapled together in the order they will be ridden.** You will be given your set of maps at the start. Each set of maps varies with age classes (with a different sequence of controls) to prevent following. There will be a common control point that you'll return to and this will also be the point at which you'll change to the next map in your set. The start point on the new map is shown as the control circle and control number.

The site has many features, natural and man-made, but in order to make the map readable at the scale we're using, it wasn't possible to show everything.

There are numerous concrete barriers on site for vehicle control. These have been shown as 'uncrossable boundaries'.

Map Symbols

Where you can ride

	Open land
	Open land with sc. trees
	Paved area, borderline
	Paved area
	Tunnel
	Track: fast riding
	Path: fast riding
	Track: medium riding
	Path: medium riding
	Track: slow riding
	Path: difficult to ride
	One-way compulsory
	Obstacle across track

Where you can't ride

	Forest		Lake
	Main road		Building
	Railway		Out-of-bounds area
	Forbidden to ride or cross		Uncrossable boundary
	High fence		Impassable vegetation
	Low fence		

Site Photos

Nature strips around the car parking zones have been mapped as 'Open Land with Scattered Trees' and are permitted to ride.



There are some areas of recent bushfires. Whilst there might appear 'rideable' they are Out-of-bounds and will be shown as white 'forest' symbol on the map.



There are numerous gates blocking the internal roads, shown as obstacles on the map.



There is an internal ring road and entry and exit lanes to the site that are one-way vehicle flow. Signage and lane marking indicates this direction and the map reflects the mandatory direction using purple arrows. **Note – you can cross over these one-way roads but not ride against the direction of traffic flow.**



There is a concrete drain. If dry, it is crossable with caution.



Hedges are not crossable, unless there is a gap. These have been mapped as strips of 'impassable vegetation' .



The bush paths at this site are open grassy lanes created by mowers. They have been mapped as track or path width. No tyre marks are visible.



Timing

8.30am	Rego opens
9.45	Be at the Start Line for marshalling
10.00	Course 1 Start
10.03	Course 2 Start
10.06	Course 3 Start
10.09	Course 4 Start
10.12	Course 5 Start
11.30	Courses Close

Courses

Course	Distance (km)	Controls	Climb (m)	Classes
1	9.8	22	20	M21, WOL, E-bike, Long
2	8.8	19	15	W21, W40, M20, M40, M50
3	7.1	15	10	W20, W50, M60, Medium
4	6.6	14	5	W16, W60, M16, M70
5	6.1	14	5	W14, W70, W80, M14, M80, Short

Start Procedure

The route to the Start line marshalling area will be marked with orange cones. No deviation from this route is allowed.

1. All Riders need to be at the Start Line for marshalling by 9:45am sharp.
2. Riders will be started by Course.
3. For each Course, riders will be lined up in rows according to their race plate number.
4. The first digit of your race plate number reflects your Course number e.g., Race Plate No. 3205 stands for Course 3
5. The second digit of your race plate number reflects the row within your course to line up on e.g., Race Plate No. 3205 go to the second row of Course 3 riders
6. The 3rd and 4th digit of your race plate number reflects your position along the row from Left to Right e.g., Race Plate No. 3205 means fifth rider from the left.
7. Riders need to be in numerical race plate order from Left to Right in their rows.
8. There will be signage and tapes on the ground to assist you and Marshalls to guide you.
9. Map sets will be distributed and must be kept face down.
10. At the signal (15 seconds before the Course start time) maps can be turned over.
11. At the Course start time, race time begins and riders can move off.
12. Process repeats for the next Course at the designated time.

This is an example of the starting grid layout. Signage on the day will give the final layout depending on Class sizes.

	Rider 1	Rider 2	Rider 3	Rider 4	Rider 5	Rider 6	Rider 7	Rider 8	Rider 9
Course 1	1101	1102	1103	1104	1105	1106	1107	1108	
Course 1	1201	1202	1203	1204	1205	1206	1207	1208	1209
Course 2	2101	2102	2103	2104	2105	2106	2107		
Course 2	2201	2202	2203	2204	2205	2206	2207	2208	2209
Course 3	3101	3102	3103	3104	3105	3106	3107	3108	
Course 3	3201	3202	3203	3204	3205	3206			
Course 4	4101	4102	4103	4104	4105	4106	4107	4108	4109
Course 4	4201	4202	4203	4204	4205	4206	4207		
Course 5	5101	5102	5103	5104	5105	5106			
Course 5	5201	5202							

The start triangle on your map will be at the point where you receive your maps.

You are not allowed to ride back through the start area.

Note - Riders will not be called forward by name. It's up to you to know your race plate number and to line up as indicated by the signage. Riders who miss their start will be held back and started at the official's discretion.

Course Closure

Courses close at 11:30am. If you have not finished your course by this time, please abandon it and return to the Finish control and then the Download Desk.

Out of Bounds Areas

The bitumen road outside the Brisbane Entertainment Centre, Bicentennial Rd, is out of bounds during the event. You can't ride along it or cross over it.

All areas at the Entertainment Centre are out of bounds prior to the start of the race with the exception of the parking area, the entry/exit road via Gate A and the marked route to the Start.



Sprint Start Stage Details

When Saturday a.m. 9th September
Location Alexandra Hills TAFE, Windemere Rd, Alexandra Hills
Directions Google Directions - <https://goo.gl/maps/pWDeuSxomySUYZru9>
From Finucane Rd Alexandra Hills turn into Windemere Rd and after 350m turn right into the TAFE grounds. At the first roundabout veer left to the parking area.



Registration

The registration desk will open at 8:15am
If you already registered at a previous stage there is no need to register again.

Toilets

There are toilets near the Rego tent. An access route will be taped to get there through the event area. Do not cross the tape.

Food and drinks

The Alexandra Hills Shopping Centre is a 4 minute drive, east along Finucane Rd.

Terrain

The event site is two educational campuses, with many buildings, playing fields, pathways, car parks and some small forest areas.

Map Notes

Scale is 1:2,500. Contour interval is 2 metres. Courses 1 to 4 use 2 x A3 maps and course 5 1 x A3 map. The map area is small and there are many controls on the map. As a result, the minimum straight line distance between controls is less than 50 m. However, riding distances between controls will be > 50 m at all times. The map for the sprint event has been created from a foot orienteering sprint map. The map has not been fully converted to the ISOM MTBO specification and is a combination of symbols that the mapper and course setter consider provide the best legibility for the map.



Open ground with scattered trees is rideable but covers quite a range of tree density. Not all features are mapped, especially in undercover areas. The school area includes many unmapped chains separating walkways from open area. You may cross these, but they will require you to dismount. The campus is closed on a Sunday but there may still be people on-site. There also should be no vehicle traffic on the site but competitors should still look for vehicles when using or crossing roads. Some route options on courses will involve stairs. Competitors should consider their ability to ride or carry a bike up or down stairs in selecting their route. Riders may travel through passageways between buildings or around blind building corners. If doing so, please keep to the left... there may be a rider coming around that blind corner.

Warm up area

The warm up area is the unused portion of the car park. It may be crowded; be careful and courteous. The entry road and all areas outside the carpark are off limits.

Map Symbols

Where you can ride

	Road
	Paved track
	Footpaths
	Steps
	Gate
	Canopy
	Paved surface
	Open Land
	Open Land w. scattered trees

Where you can't ride

	Out of bounds road
	Uncrossable wall
	Small wall
	Uncrossable high fence
	Uncrossable low fence
	Building
	Forbidden access (gardens)
	Forest
	Out of bounds area

Timing

8:15	Rego opens (only for new stage riders)
9:00	Starts begin
11:30	Courses Close

Courses

Courses 1-4 will have a map flip.

Course	Distance (km)	Controls	Climb (m)	Classes
1	6.3	27	60	M21, WOL, E-bike, Long
2	5.8	25	55	W21, W40, M20, M40, M50
3	4.8	24	45	W20, W50, M60, Medium
4	4.6	22	40	W16, W60, M16, M70
5	3.6	17	30	W14, W70, W80, M14, M80, Short

Start Procedure

The start triangle on your map will be at the start line. You are not allowed to ride back through the start area.

Junior competitors who need to be shadowed by a parent will have a nominal allocated start time but can start at any time once their parent is available.

For families that have requested split times for child care, the second rider can start at any time once the other family member has returned.

Volunteers have access to the Late Start process without penalty, if they are unable to ride at their allocated start time due to volunteering duties.

Riders must be at the starting area 10-15 minutes prior to their start time.

Riders will be called forward to the pre-start area by the official.

Clear and Check your SI Air stick as you enter the pre-start area. The Check units turn your stick on. Test your SI Air stick is active by waving it over the Test unit and look/listen for the flash/beep from the stick. Move away from the Test unit.

Listen to the recorded announcement for when to move forward and then when to take your map.

At 1 minute to the start time, you get the signal to take your map and you can mount it to your mapboard.

The start signal will be given and you can start your ride.

There will not be a start control to punch, as the computer has the start time registered for each rider.

If you miss your name call or your start time, report to the start official.

Finish

We'll be using a new larger SI unit with a 3m range at the Finish. Simply ride between the Finish banners to register a time. If your SI Air stick battery dies whilst out on course (and you've used the punch tongs at subsequent controls) then there will be a second finish unit off to one side of the finish line, with an orange cone at the base of the picket. You must stop and dip your SI Air stick into this unit to record a finish time. Once you have passed the Finish line you are not permitted to re-enter the event area.

Course Closure

Courses close at 11:30am. If you have not finished your course by this time, please abandon it and return to the Finish control and then the Download Desk.

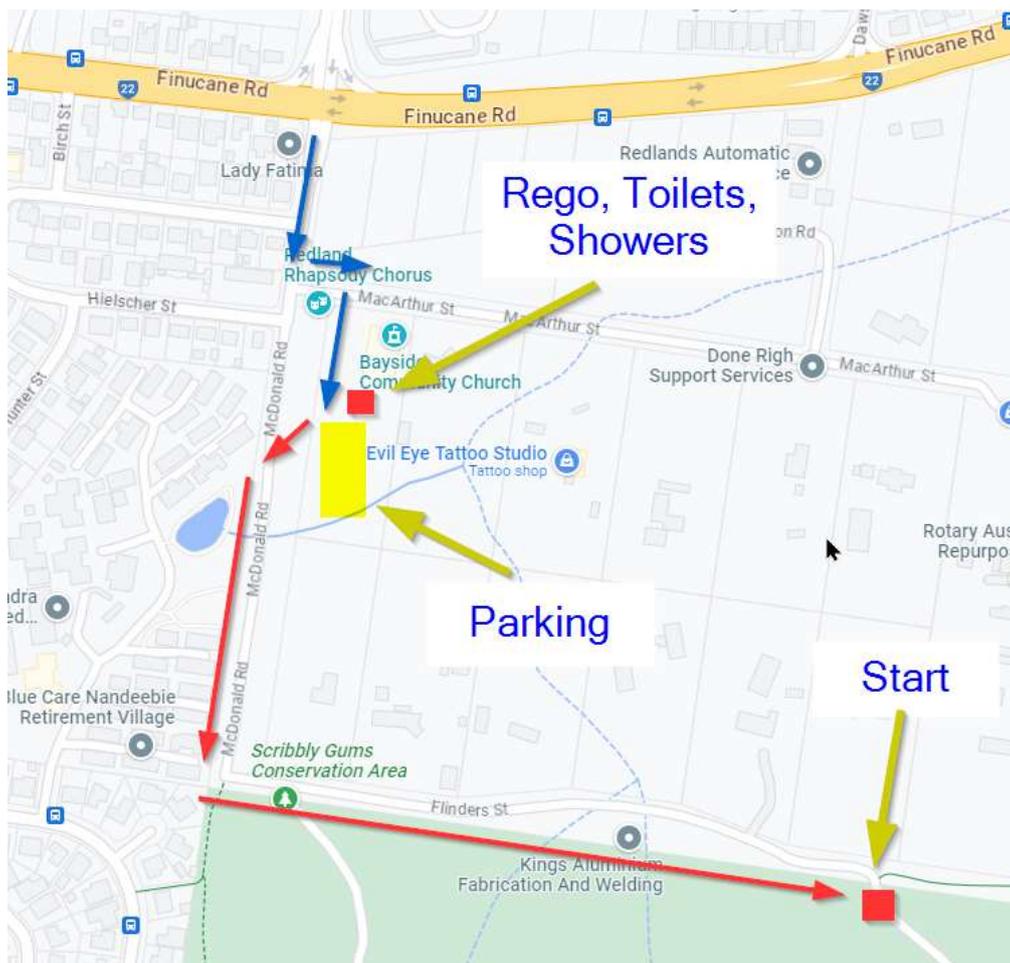
Out of Bounds Areas

Finucane and Windemere Rds are busy public roads and are not to be ridden on during the event.



Middle Distance Stage Details

When Saturday p.m. 9th September
Location Scribbly Gums Conservation Area
Assembly Bayside Community Church, MacArthur St, Alexandra Hills
Directions From Finucane Rd turn south into McDonald Rd and then take the next left into MacArthur St. The church driveway is the first on the right. Drive all the way to the back of the church to park. Google Directions - <https://goo.gl/maps/Wfa3ShvxfPYT3tBs6>



Registration

The registration desk will open at 1pm.
If you already registered at a previous stage there is no need to register again.

Toilets

Toilets are located inside the church at the assembly area.

Food and drinks

The Alexandra Hills Shopping Centre is a 4-minute drive, west along Finucane Rd.



Terrain

A gently undulating bushland area with an MTB track network and maintenance tracks.

Map Notes

Scribbly Gums Conservation Area has a network of fire trails and some single track through native forest. The majority of terrain is a mildly undulating area of natural bushland. It has a number of dirt tracks and single paths that are fairly hard-packed and dry. Some open grass areas exist and may be high and thick. There are some challenging sections due to gradient and surface conditions. The tracks are shown with a rideability (speed) grading.

For this event stage areas shown as **Rough Open** land or **Rough Open with scattered trees** can be ridden on if you dare!

Where tracks are close together and if crossing between them is permitted, that location will have a small area of **Permitted to ride** symbol shown on the map.

Map Symbols

	Contour		
	Pond		
	watercourse		
	water channel		
	Marsh		
	Open land with scattered trees		
	Rough open land		
	Rough open land with scattered trees		
	Paved road		
	Paved road		
	Small footpath		Out of bounds area
	Power line, cableway or ski lift		Obstacle
	Bridge		Track: fast riding
	Fence		Path: fast riding
	Ruined fence		Track: medium riding
	High fence		Path: medium riding
	Crossing point		Track: slow riding
	Building		Path: slow riding
	High tower		Path: very slow riding
	Small building		Permitted to ride
	Man-made feature		One-way compulsory
			Forest

Timing

1.00pm	Rego opens (only for new stage riders)
2.00pm	Starts begin
4.00pm	Courses Close

Courses

Course	Distance (km)	Controls	Climb (m)	Classes
1	17.3	19	210	M21, WOL, E-bike, Long
2	14.4	17	200	W21, W40, M20, M40, M50
3	12.8	16	185	W20, W50, M60, Medium
4	9.0	12	110	W16, W60, M16, M70
5	7.1	10	95	W14, W70, W80, M14, M80, Short

Course Closure

Courses close at 4pm. If you have not finished your course by this time, please abandon it and return to the Finish control and then the Download Desk.

Start Procedure

Same as Sprint Stage. The start triangle on your map will be at the start line. You are not allowed to ride back through the start area.

Warm Up zone

The public roads leading to the Start area are available for warming up.

Out of Bounds Areas

The bushland areas and trails of Scribbly Gums reserve, on the way to the Start are out of bounds prior to the race.

Map Notes

Several tracks are signposted as one way and must only be ridden in the direction marked on the map.

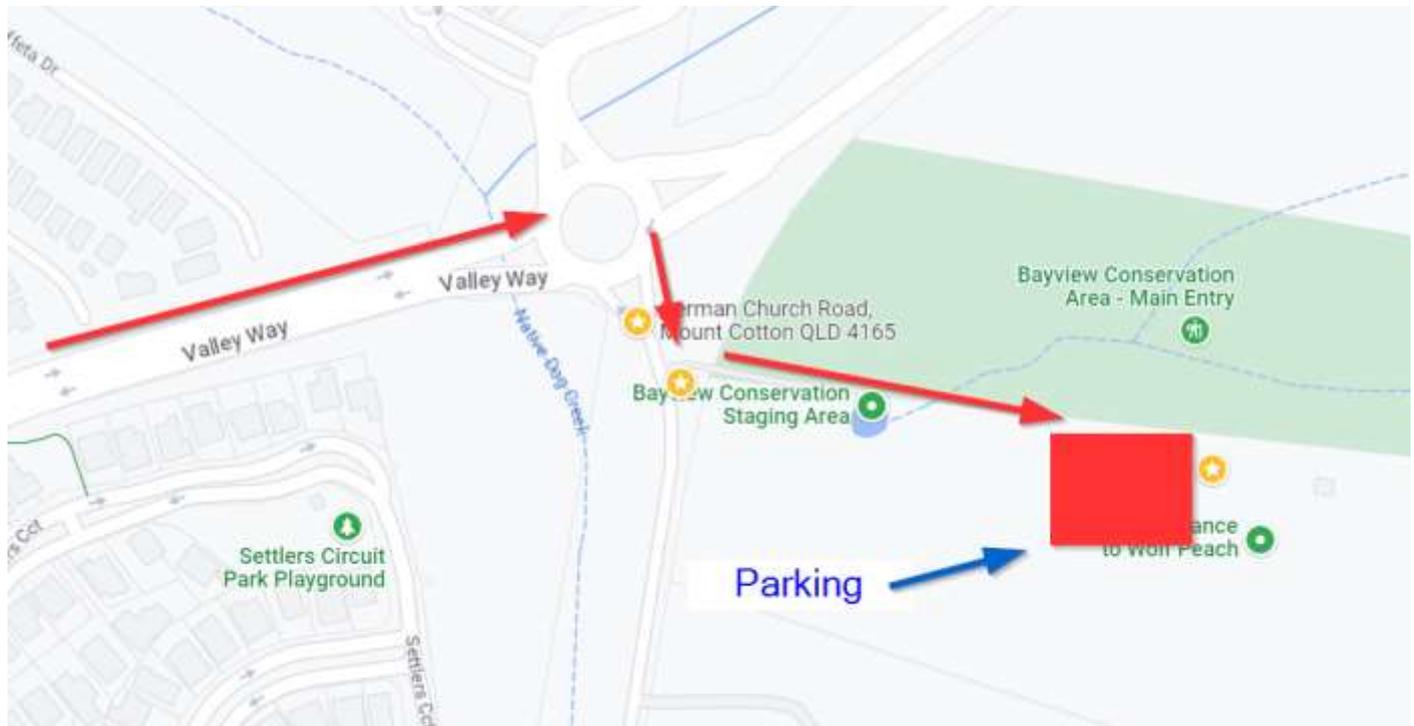


As this is a Conservation area, unless clearly shown on the map no 'off track' riding is permitted as this may compromise our future use of the area.

We do not have exclusive use. It is used by other bikers, walkers and horse riders. Please be alert and courteous if you come across other Park users. Where there tracks close together, if crossovers are permitted, that location will have a small area of **Permitted to ride** symbol shown.

Long Distance Stage Details

When Sunday a.m. 10th September
Location Bayview MTB Trailhead, German Church Rd, Redland Bay
Assembly Main carpark off German Church Rd.
Directions Travel east along Valley Way from Mt Cotton Road, and then turn south onto German Church Rd. After 50m turn left in through the entrance gate to the trailhead parking area
Google Directions - <https://goo.gl/maps/BBssj1nvxrvQZdt99>



Registration

The registration desk will open at 8am.
If you already registered at a previous stage there is no need to register again.

Toilets

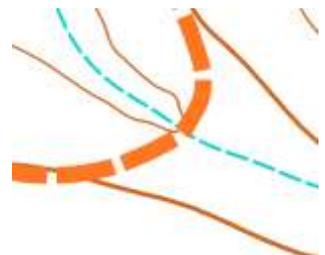
There are toilets at the parking and Assembly area.

Food and drinks

Refer to **Catering** below

Terrain

An undulating bushland area with an MTB track network and maintenance tracks. There have been numerous fire breaks created in the last few months. These are generally 4m or wider and covered in pulverised trees and leaves. As there are no visible wheel marks, they have been shown using the 'permitted to ride' symbol, shown to the right. There's an increased risk of large timber chips flicking up as you ride. In some places the fire break follows and merges with single track, as shown.



Bike Wash

There is a wash down area with tap and hose, between the car park and toilet block.

Site Photos

Fire break

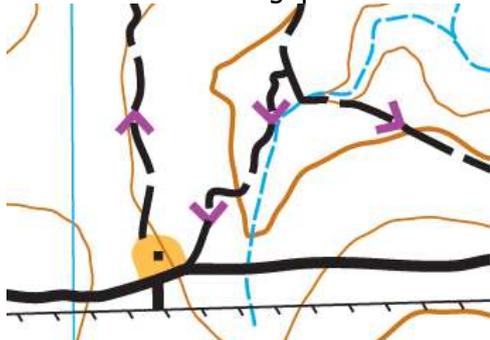


Fire break paralleling a singletrack



Map Notes

Several tracks are signposted as one way and must only be ridden in the direction marked on the map.



As this is a Conservation area, unless clearly shown on the map no 'off track' riding is permitted as this may compromise our future use of the area.

We do not have exclusive use. It is used by other bikers, walkers and horse riders. Please be alert and courteous if you come across other Park users. Where tracks are close together and if crossing between them is permitted, that location will have a small area of **Permitted to ride** symbol shown on the map.

Map Symbols

	Contour		Out-of-Bounds Area
	Index Contour		Obstacle across track, path or road
	Uncrossable Body of Water		Open land, permitted to ride
	Seasonal Water Channel		Road Easy Riding
	Open land		Track Easy Riding
	Open Land With Scattered Trees		Road Moderate Riding
	Paved Area		Track Moderate Riding
	Road		Road Slow Riding
	Bridge or Tunnel		Track Slow Riding
	Low Fence		Track Difficult Riding
	High Fence		One-way compulsory
	Building		Fire break
	Man-made feature		

Timing

8.00am	Rego opens (only for new stage riders)
9.00am	Start waves begin
12.00noon	Courses Close
1.00pm or earlier	Presentations and prize draw

Courses

Course	Distance (km)	Controls	Climb (m)	Classes
1	24	15	550	M21, WOL, E-bike, Long
2	22	12	480	W21, M40, M20
3	18	10	425	M50, W40
4	16	9	350	M60, W50, W20, M16, Medium
5	15	8	260	W60, M70, W16
6	10	7	200	W14, W70, W80, M14, M80, Short

Warm Up zone

The car park and the public road leading to the Start area are available for warming up.

Start Procedure

Same as Middle Stage. The start triangle on your map will be at the start line. You are not allowed to ride back through the start area.

Course Closure

Courses close at 12pm. If you have not finished your course by this time, please abandon it and return to the Finish control and then the Download Desk.

Out of Bounds Areas

There are no out of bounds areas in the event area, but the private lands surrounding the event area are off limits.

Other Information

Event Dinner

Date: Saturday 9th September

Venue: Alexandra Hills Hotel, 332 Finucane Rd, Alexandra Hills, 2 mins from Middle Distance event

Time: from 6:30pm

Menu: Ala Carte menu <https://thealexandrahillshotel.com.au/dining/> You can order and pay for your own meals and drinks on the night.

Book: If you haven't pre-booked, you can still attend, just email or text craig before Wednesday.

For those who want to attend the dinner, but don't want to travel to their homes to clean-up after the day's events, we have secured the use of shower facilities at the Bayside Community Church at the Middle-Distance event, so you'll be able to shower before heading to the tavern, just up the road. There is only a single cubicle in each facility, so please be patient and keep your shower brief.
There are no presentations planned during the dinner.

Results

Results will be posted online progressively throughout the weekend, and a QR code printed on each map will enable real-time results viewing.



Presentations

The presentations for all stages will be following the Long-Distance event.

Presentations will commence at 1:00pm or earlier.

To keep the ceremony short, the champions of each stage will be called forward for a group photo and their reward.

Random prize draws will take place after the presentations. You must be present to receive a random prize. It'll be worth it!

Services

SI Hire	\$5.00 (only hire once for the carnival)
SI 'Air' Purchase	\$95.00
Mapboard Hire	\$10.00
MIRY Mapboards	\$145.00
Magnetic Mapboard Kits	\$20.00
Mapboard magnets	\$4.00/pair

Weather

Daily high temperatures around 26°C, rarely falling below 18°C or exceeding 30°C. The chance of any significant rainfall is low.

Pre and Post Event riding

The areas within the vicinity of each of the events are embargoed and are off limits to entrants prior to the events (see Section: Embargoed Areas below). For riding opportunities ahead of the events, we suggest the excellent Daisy Hill trail network - <https://parks.des.qld.gov.au/parks/daisy-hill/journeys>

Catering

There will only be catering available at the Long-Distance event on Sunday. We'll have a **coffee cart** on site from 7:00am and a local Scout Group will be offering the following items from 10:30am:

- Kranskys with (optional) onions and sauerkraut in Vietnamese rolls
- Minute steak burgers with onions in round rolls
- Vegan burgers (cooked separately) with onions on round rolls
- Coke/Coke Zero/Sprite/Sunkist

TECHNICAL INFORMATION

Event Rules

The Australian MTBO Competition Rules will apply to all events.

<https://orienteering.asn.au/wp-content/uploads/2023/05/OA-MTBO-Rules-2023.pdf>

Punching System

We will be using the SPORTident Air system with contactless control punching and the latest control boxes (BS11) that have a range of 1.5 metres.

All riders need to use an SI Air stick as these control units will only work with one.

If you don't have your own SI Air stick (numbered in the range 8000000-8999999), you can hire one for \$5 for the carnival via the Eventor 'services' dropdown menu when you enter your first event



online. Older SI sticks will not work. For more details on how the SI Air punching system operates go here: <https://www.sportident.com/news/385-fast-faster-siac.html>

If you own an SI Air stick and you've had it a while, you can check it's battery inception date using the SportIdent site - <https://www.sportident.com/siacservice/> If it has aged, (> 3.5yrs) then you might want to hire one as a backup, in the event the older stick dies mid-course.



Complaints

Any complaints must be submitted within 15 minutes of the last competitor finishing, in the related class. Complaints forms can be obtained from and then submitted to Rego.

Start Times

Your individual start times will be posted to Eventor within three days of the event.

If you are late for your designated start time, you will be allowed to start, as directed by the start officials, but your start time commences from when you were officially listed to start.

Smoking

Orienteering is a Smoke and Drug Free sport, so our assembly and event areas are smoke and drug free zones.

Drugs in Sport

Please refer to the Australian Sports Anti-Doping Authority [website](#) for information on in-competition testing, what will happen if you are required for a testing session and your rights and responsibilities in relation to testing.

National MTBO Series

The Mass Start, Sprint, Middle and Long Distance stages comprise the second round of the 2023 National MTBO Series. For information on classes eligible for the Australian National MTBO League, Juniors and Masters Division, see this website - [MTBO National League](#)

AUS/NZ MTBO Challenge

Teams from the two federations will contest selected classes (M/W21, M/W40, M50, M/W60, M70) during the carnival to earn points towards this challenge. Read all about how it operates and see the past results and teams here –

<https://orienteering.asn.au/index.php/national-mtbo-series/#challenge>



Event Maps

Previous maps of these areas are now available in Eventor.

GPS Tracking

GPS-enabled devices can be carried provided that they have no map display and are not used for navigation purposes. Why not enhance your experience by tracking yourself around the course using your smartphone or GPS and then uploading the route to Eventor and replay it against others in your class. We suggest the [LiveloX app](#) to record your ride, as it integrates nicely with Eventor.

Strava is another good GPS recording App – www.strava.com



SPORTident

This event will be using the SPORTIDENT Electronic timing system. If you want to buy your own stick, you can do that when you enter by selecting that option in the 'services' drop-down field. They are \$95.00 and you can have any colour you want, so long as it's yellow 😊



Need a mapboard? MIRY mapboards with 30x30cm decks and 31.8 or 35mm clamps will be on sale at registration or contact Craig Steffens prior to the events 0418871193.



Contact Details

For questions about the carnival contact...

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M: 0418 871 193