



Range Runners Orienteering Club

Qld State Series MTBO - Pechey Long

Sunday 23rd June 2024

Important Points

- There may be other users in the forest during the event including; motor vehicles, horse riders, pedestrians and cyclists.
- **Do not enter any area that has a Do Not Enter due to logging activities sign, even if no active logging is apparent.**
- Registration opens at 8:00 am.
- The 3-Hour Score course has a Line component initially which is similar to the start of some of the Line courses. Thus, there will be starts at 1-minute intervals **for 3-Hour Score course riders only** from 8:30am until 8:59am.
- Line course riders, 90-Minute Score course riders and any remaining 3-Hour Score course riders will start at 2-minute intervals from 9:00am. Last starts will be 10:00am.
- 3-Hour or 90-Minute Score course riders who wish to ride as pairs or a group are asked to approach the start officials with this request in which case they will be permitted to start together.
- All courses close at 12:30pm. If you have not finished by this time, you must abandon your course and return immediately to the finish and download.
- All Line courses have been set based on the IOF recommended winning time for Long courses of 105 to 115 minutes. See **Score Courses** section below regarding the Score courses. **It is essential that 3-Hour Score course riders read the Score Courses section of these instructions before coming to the event!**
- The New England Highway dissects the map and is Out of Bounds apart from one crossing section approximately 100 metres long which is shown on the map. This crossing point is at the junction of the Highway and Grapetree Road, the access road to the assembly area. The Highway is a busy high-speed road, and riders are responsible for their own safety when crossing. Line courses 2 to 5 cross the Highway once in each direction. Line course 1 crosses the Highway twice in each direction. The 90-minute Score course has the option to cross the Highway once in each direction and the 3-Hour Score course crosses the Highway at least once in each direction with the option to cross it again in each direction dependent upon the controls visited.
- Mobile phones, including smartphones, may be carried for emergency use only. They must not be visible whilst riding and are not to be used during the event for navigation.
- GPS enabled devices may be used during the event, provided they don't display a map or breadcrumb trail. If in doubt about your device, ask the Event Organiser.

- The first few controls are in a relatively small and complex area. There will be riders going in all directions through this area so please be watchful and careful.
- Once you have started you cannot ride back through the start or the pre-start area to go to the first control
- There are often multiple controls within a small area on similar and/or parallel features. It is strongly advised that check that the N^o on the SPORTident Unit matches the N^o shown on your map before riding off.

Event location

The parking and assembly area is along Grapetree Road at Grapetree. It is approximately 2 hours' drive from Brisbane.

If coming from Brisbane make your way to Hampton on the New England Highway via either Toowoomba, Murphys Creek or Esk. Follow the New England Highway north (towards Crows Nest) from Hampton for 3.1 km. Turn right into Grapetree Road. Follow Grapetree Road for 2.5km to the assembly area. Please note that Grapetree Road is the route to the Start from the assembly area so please be mindful of riders coming the other way as you drive in.

Parking

Park as directed. Park as efficiently as you can and ensure that you do not block any driveways or otherwise inhibit access along Grapetree Road.

Registration

The Registration Desk will open at 8:00am.

All competitors are required to go to Registration to confirm their entry details and make any outstanding payments. If you hired a SPORTident stick or mapboard we'll issue them at Registration.

For newcomers, basic instruction will also be available, just look for our club volunteers at Registration.

A small quantity of MTBO Club mapboards will be available for hire at Registration for \$10 (free for MTBO Club members). It makes all the difference for holding your map on your handlebars.

Terrain

The area is undulating plantation forest with some remnant areas of native forest. It contains a mixture of public roads, forestry roads and logging tracks. There are some short sections of steep terrain.

Map

Scale and Contour Interval

Scale 1:25,000. Contour interval 5 metres. The map will be A4 size printed on Monsoon waterproof paper. All maps will be printed on one side only.

Timing

8:00am	Registration opens
8:30am	3-Hour Score course Start opens
9:00am	Line and 90-Minute Score course Start opens
10:00am	Start closes
12:30pm	Courses close

Score Courses

The **90-Minute Score** course has 16 controls worth between 30 and 100 points each. The controls are marked on the map with a circle and the SPORTident unit No for the control plus the score allocated to that control in parentheses. Thus, the control marked 156(100) has an SPORTident unit numbered 156 and a points score of 100 whilst the control marked 133(30) has an SPORTident unit numbered 133 and a points score of 30 etc. The rider has 90 minutes to gain as many points as they can before they go to the finish. Riders will lose 10 points per minute or part minute they return late to the finish and if they are 30 minutes or more late will lose all points.

The **3-Hour Score** course has two components and two maps. The first component and map is a 14-control Line course approximately 27km long where all controls are worth 64 points each. The second component and map is a standard Score course. **Riders will receive a 500-point bonus if they visit all 14 Line controls in the sequence shown on the map before visiting any of the Score controls.**

For the Line course each control on the map is shown with a circle plus the course sequence number and SPORTident unit number. Thus, the control marked 1-131 is the first control to be visited and has an SPORTident unit number of 131 whilst the control marked 5-159 is the fifth control to be visited and has an SPORTident unit number of 159 etc. Each control on the Line component of the 3-Hour Score course is worth 64 points in the score calculation. The Finish is marked on the Line course map but there is no line shown between control N° 14 and the Finish. Riders may visit the Line course controls not in the order shown on the map but in that case, they will only score 64 points per Line course control visited and will not be able to receive the 500-point bonus noted above even if they visit all 14 Line controls.

The second component and map of the 3-hour Score course is a standard Score course which has ten controls worth between 40 and 100 points each with a total of 640 points. The controls are marked on the map with a circle and the SPORTident unit No for the control plus the score allocated to that control in parentheses. Thus, the control marked 156(100) has an SPORTident unit numbered 156 and a points score of 100 whilst the control marked 147(40) has an SPORTident unit numbered 147 and a points score of 40 etc. Riders do not have to complete any or all of the 14 control Line portion of the course in order to collect points using the Score portion of the course but will not be eligible for the 500-point bonus noted above if they visit any of the Score portion controls before they first visit **all** 14 Line course controls in the sequence shown on the map. The rider has a total of 3 hours to gain as many points as they can from the combination of the Line and Score portions of the course before they go to the finish. Riders will lose 10 points per minute or part minute they return late to the finish and if they are 30 minutes or more late will lose all points.

The two maps for the 3-Hour Score course will be printed on separate A4 sheets of Monsoon waterproof paper.

Riders are not required to visit any of the Score portion controls to obtain a valid score. In addition, riders are not required to complete the Line portion of the course to obtain a valid score but will only receive points (64 points per control) for those Line controls they visited. Examples are noted below:

- If a rider visits only 12 of the Line course controls, in any order, and none of the Score portion controls they will score a total of 768 points being 12×64 .
- If a rider visits all 14 Line controls in the sequence shown on the map and then visits Score controls worth a total of 200 points, they will score a total of 1,596 points being $(14 \times 64) + 500 + 200$.
- If a rider visits all 14 Line controls but not in the sequence shown on the map and also visits Score portion controls worth a total of 600 points they will score a total of 1,496 points being $(14 \times 64) + 600$.
- If a rider visits 8 Line controls in any order and also visits Score portion controls worth a total of 640 points they will receive 1,152 points being $(8 \times 64) + 640$.
- If a rider visits all 14 Line controls in the sequence shown on the map but also visits one or more Score portion controls before visiting all 14 Line course controls and visit Score portion controls worth a total of 640 points they will score a total of 1,536 points being $(14 \times 64) + 640$.

3-Hour Score course riders will receive their maps 3 minutes before they start to allow some planning time. If a 3-Hour Score course rider inadvertently registers a Score portion control before completing the Line course in order they must advise the download official before downloading. Riders may return to an inadvertently registered score control after they have visited all 14 Line controls in order and receive the points for that control.

Line Courses

For all Line courses you must visit the line controls in the order shown on the map. Course to Class mapping:

Course 1	Long, M21(Men 21-39), Women Open Long, E-bike
Course 2	W21(Women 21-39), M40(Men 40-49)
Course 3	Medium, M50(Men 50-59), W40(Women 40-49), M20(Men 17-20)
Course 4	M60(Men 60-69), W50(Women 50-59), W20(Women 17-20), M16(Men 15-16),
Course 5	M70(Men 70+), Short, W60(Women 60+), M14(Men ≤ 14), W14(Women ≤ 14), W16(Women 15-16)

Course Details (Note that the distances and climbs shown below are estimates only)

Course	Distance	Climb	Controls
1	36 km	390m	16
2	28 km	300m	13
3	23 km	240m	12
4	20 km	210m	11
5	18 km	170m	10
90 min Score	N/A	N/A	16
3 hr Score	N/A	N/A	24

Course Closure

Courses close at 12:30pm. 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 out of bounds areas that are marked on the map as Settlement and shown in olive green. You are not to ride through any of these areas. You must stay on marked tracks and permitted areas shown in the map legend. No shortcutting through the forest is allowed.

Map Notes

The position of the Start triangle on the map is approximately 30 metres, and visible, from where you receive your map.

- This is a working forest and thus things keep changing. When we organised an event here in 2021 there were significant changes between when we had finalised the map two weeks previously to when we deployed the controls on the day before the event. There were further changes between when we deployed the controls and the day of the event. The only thing that is certain is that the map will not be 100% accurate!
- There are several tracks in the forest that have become so overgrown as to no longer be usable. Where found, these have been removed from the map. In many cases it remains obvious that there was once a track in that location.
- On this map, the roads are shown with a rideability grading based on the expected speed of travel. Track grading has been done based on comparison with other tracks in the same general area. Thus, a track that may be shown as a certain grade in one location could be similar in speed and appearance as a track graded differently in another part of the forest. Note that the speed difference between Grade 1 and Grade 2 tracks is generally quite small.
- All areas of the forest that are pine plantation or other forest have been mapped as Forest/Plantation. Some of these areas were planted in the past 2-3 years so may initially appear visually as Rough Open.
- There are also some areas that have been partially logged but have significant remnant pine forest. These are also mapped as Forest/Plantation.
- Rough open land is generally overgrown grass strips between adjacent parallel roads/track. You are permitted to ride on rough open land in this event, but generally rough open is not rideable.
- Semi open land is generally the area around the old forestry station. You are permitted to ride on semi open land in this event and on some courses will need to do so to access one or more controls.
- Roads may appear to be thinner tracks on the ground due to heavy plant growth that narrows them down. All roads have been graded for their rideable speeds with this plant growth taken into consideration. Where plant growth creates a significant speed reduction the track has been given a green overlay.
- Areas of Forest/Plantation are shown as white areas on the map and are out of bounds and can't be ridden on.
- Roads may have ruts and holes due to water damage or logs hidden in the grass. Ride to the conditions.

- There are very few fences or gates in the event area. You can pass over, under or through any closed gates within the event area. You cannot cross unbroken fences.

Directions to the Start

The Start is approximately 2 km back along Grapetree Road from the assembly area. You will pass it as you drive into the event. You should allow up to ten minutes to ride there.

Road Grading

Please also note that grass grows, trees fall and roads are occasionally bulldozed or slashed. These things are beyond the mapper's control. The maps have been prepared to the IOF standard for MTBO maps. The map contains roads only, there is nothing that would be considered a track under the normal Australian mapping approach. If you have any questions, please ask one of our helpers.

bitumen road	
MTB grading:	
1.fast riding	
2.medium riding	
3.slow riding	
4.difficult to ride	

Fast – little or no restriction to the speed which a rider can attain. Generally, these are roads that would be suitable for a standard 2WD vehicle.

Medium – generally good riding with some reduction in speed and a requirement to keep an eye on where you are going to avoid obstacles such as potholes, rocks, ruts, sand, vegetation etc. Generally, these are roads that would be suitable for a light 4WD vehicle.

Slow – sufficient obstacles to require the rider to pick lines to avoid obstacles. Consistently potholed, rocky, rutted, vegetated or sandy. Possibly a soft surface due to standing water or sand. Skilled, fit riders should be able to ride almost always. Less skilled and fit riders may have to dismount.

Difficult – a technical track/path which may require the rider to dismount. Skilled, fit riders may be able to ride without dismounting.

Map Symbols

contours		start	
watercourses		finish	
building		control	
farm dam		Forbidden route	
firetower		log across road	
fence/ gate			
quarry			
forest/plantations			
rough open			
semi-open			
overgrown track			
settlement areas/OOB			

Safety

The emergency contact at the assembly area is Richard on 0407880681. This is also shown on your map.

If you encounter an injured rider, you **MUST** abandon your course and render whatever assistance you can. Send another rider back to Registration for assistance, if possible. You will be permitted to re-start from your last control preceding your abandonment. Mobile phone coverage is generally quite good on the course and assembly area. Please keep alert and ride to the conditions. You must obey all road rules and are fully responsible for your own safety.

Hazards on this course may include:

- fallen trees
- potholes and erosion gullies
- long grass
- native wildlife

- Motor vehicles
- Horse riders
- Pedestrians

Rules

The Australian MTBO rules shall apply to this event. These can be found at:

https://oq.orienteering.asn.au/restricted/downloads/mtbo_rules_and_guidelines_2019.pdf

All competitors are urged to read and understand these rules. Some key items include:

- All competitors must wear bike helmets.
- Competitors must stay on the tracks, semi open or rough open marked on the competition map. If terrain or road conditions force the rider to dismount, they must carry or push their bike on a marked track, semi open or rough open. No off-road shortcuts through the bush are permitted.
- Competitors on all courses, except for the Score courses, must visit the line control sites in sequential order. Check the control number on the marker is the same as the one on your map before punching.
- Competitors must not become separated from their bike during a competition, unless through injury or mechanical failure.
- Courtesy and sensible behaviour are expected when mountain bike riders encounter walkers, runners, horseback riders, landowners, forestry workers, or logging vehicles during an event.
- Competitors and officials must avoid disturbing local flora, fauna and stock at the event and respect the local environment.
- Practice and observe the rules of the road – keep to the left on roads and tracks.
- Approach all track/road crossings, corners and hillcrests with caution.
- Ride defensively and in control at all times.
- Give way to faster riders wishing to pass on narrow roads.
- Riders going downhill should give way to riders going uphill.
- Calling out to other riders, sharing information about control locations, or seeking assistance with regards to your location, will bring instant disqualification. If you see or hear any of this behaviour, report this to the Event Organiser.

SPORTident Air Contactless Punching



This event will be using the SPORTident Air Electronic timing system. SPORTident Air sticks can be hired for a cost of \$5.00 per person per event. Lost hired sticks will be charged to the competitor at the full replacement cost of \$95.00.

For this event the SPORTident unit will be set with a range of 1,800mm. The SPORTident units for this event are the type that **do not allow the use of SPORTident non-Air sticks.**

SPORTident use on the Course

If a SPORTident unit at a control malfunctions and does not “beep” or “flash” when the stick is held close to the unit, the competitor must use the red pin punch at the control to mark their map or other single sheet (eg a back-up punching strip). Failure to do this will result in a MP (Mispunch) being recorded. If you need to use a punch at any control, please advise the finish officials at the Download Desk as they will need to sight your punch mark, to confirm that you have completed the course.

Control Flags

Standard orange and white control flags will be suspended on pickets with an SPORTident unit and red pin punch (for use if the control unit fails). The control identification number will be on the SPORTident unit. This will match up with the control number on the map. If you accidentally punch the wrong control, continue on to your correct control and proceed as normal.

Clear & Check

It is important to remember to “clear” and “check” your SPORTident stick prior to your start, to delete previous event information stored on it. Special “Clear” and “Check” units will be positioned in the pre-start area. It is the competitor’s responsibility to ensure that they have the correct SPORTident stick and that it is cleared of previous race data before they start. If you do not clear your SPORTident stick it may not have enough memory to record all your controls.

SPORTident Air Check:

There will be an SPORTident Air Test unit after the Clear/Check units to test your SPORTident Air stick, simply wave your stick over to test the air function of your stick is on.

Water

Limited water will be available in the assembly area. Everyone is urged to drink plenty of water before starting their ride. Please bring your own water for use before, during and after the event.

Facilities

There will be pit toilets located adjacent to Registration. There will also be a BBQ sausage sizzle and drinks available at the Assembly area. Riders might be interested in visiting Crows Nest after their ride. The Eventor downloads includes some links to places of interest.

Start

After you register, you can go to the start whenever you’re ready. There are no pre allocated start times, you will be queued for your course after you arrive at the start. 3-Hour Score course riders may start any time from 8:30am and all other course riders, and any remaining 3-Hour Score course riders, may start any time from 9:00am until 10:00am.

Note: You must Clear and Check your SPORTident Air stick, as this wakes it up. There will be a Test unit after the Clear and Check to test your SPORTident Air stick has turned on.

Either a pre-recorded announcement or the start official will give you safety warnings and tell you when you can pick up your map, so listen to it carefully! Riders on the 90-Minute Score and all Line courses will be able to pick up their map one minute before starting to plan their route and affix the map to their mapboard.

After you’ve been given the start signal, you must immediately punch or wave the start unit and ride beyond the start triangle.

Note: You’re unable to change courses at the start. Do this at Registration beforehand.

Finish

At the finish, riders must wave one of the “finish” controls to end their event and record a finish time. After recording the finish control, proceed to the Download Desk at Registration to download your results and receive your time. If you have a hired SPORTident stick, we’ll retrieve it from you. If you hired a mapboard this will also be recovered. Riders who finish more than 30 minutes after the official course closure time will be disqualified.

For safety reasons, all riders must go through the finish and then report to the Download Desk to indicate they have returned safely, irrespective of what time they return, to avoid search and rescue procedures.

DO NOT GO HOME WITHOUT DOWNLOADING.

Tip: The finish control turns off your SPORTident Air stick, so you must go there to end your ride and conserve its battery.

Safety

For any serious medical emergency call Triple Zero (or 112 if you don't have reception from your usual mobile carrier).

A first-aid kit will be available in the assembly area for emergencies.

Hazards on this course may include fallen trees, potholes, erosion gullies, long grass, wildlife, horse riders, motor vehicles and pedestrians. Please keep alert and ride to the conditions. You must obey all road rules.

We recommend and use the Emergency + App, to assist Emergency Services to locate you...



Emergency Plus app

'Emergency +' is a national app developed by Australia's emergency services and their Government and industry partners, helping people to call the right number at the right time, anywhere in Australia. ... Triple Zero calls are free.

Android: https://play.google.com/store/apps/details?id=com.threesixtyentertainment.nesn&hl=en_AU

Apple: <https://itunes.apple.com/au/app/emergency/id691814685?mt=8>

Event Results

We **will be** providing updated live results for this event. The link for your phone can be obtained on the Eventor downloads section for this event, or at the registration desk as a QR code.

Note though that the official results will be available in Eventor by later in the evening of the event. The result provided to you at the download will be preliminary only.

QLD MTBO STATE SERIES POINTS

The series points standings are linked from the event listing in Eventor. For all the details of this series, visit the series page: <https://oq.orienteering.asn.au/mtbo-state-series>.

TIP: State Series Points are published on the MTBO Club Results page: www.mtbo.com.au.

PROTESTS

Complaints may be made in the first instance verbally with the Event Organiser at Registration. The Event Organiser will assess the complaint and make a ruling. If the complainant is still dissatisfied, they may lodge a formal written protest with Registration. The Event Advisor will then appoint a three-person jury to assess the complaint. The Event Advisor will chair the jury meeting but will not vote on the outcome. The decision of the jury will be final.

Organising Team

Organiser & Course Setter: Richard Robinson
Event Advisor: Tamsin Barnes
Cartographer & SI Operator: Rob Crosato
On the Day Team: RROC Club Members

Anything Else?

Contact Richard Robinson 0407880681 or robpart17@outlook.com