

# Torpedo



# MOUNTAIN BIKE NATIONAL CHAMPIONSHIPS



## TECH GUIDE

24-25 FEBRUARY 2024  
QUEENSTOWN

## 1. WELCOME

A warm welcome to all our riders and supporters to Coronet Peak for the 2024 Torpedo7 Mountain Bike National Championships.

This event is New Zealand's premier mountain bike national championship event and spectators will be treated to a showcase of top-level cross country and downhill racing. Thank you to Coronet Peak and the Queenstown Mountain Bike Club, their volunteers and support personnel who are vital to the success of the event. Also to the Commissaires who play a fundamental role in supporting the integrity in our sport – and give their time voluntarily to officiate events throughout the country.

Thank you to our valued partner, Torpedo7 for their support.  
To all our riders, on behalf of MTBNZ, we wish you all the best for the upcoming days.

**Ryan Hunt**  
**President, Mountain Bike New Zealand**

Tena koutou katoa, and welcome to all our riders and supporters here in Queenstown at the 2024 Torpedo7 Mountain Bike National Championships. As the premium mountain bike national event, we are in for a treat and everyone can expect to enjoy a showcase of top level cross country and downhill racing. I would like to thank our valued partner, Torpedo7 for their support in assisting us to make this event happen. We are grateful for your continued interest in and support of MTB in Aotearoa.

I would also like to thank and acknowledge Coronet Peak and the Queenstown MTB Club, their volunteers and support personnel who are vital to the success of this event. I also want to acknowledge and thank the Commissaires who play a fundamental role in supporting the integrity in our sport – and give their time voluntarily to officiate events throughout the country.

To all of our riders, on behalf of Cycling New Zealand, we wish you all the best for the upcoming days.

Ngā mihi mahana,

**Phil Holden**  
**Chair, Cycling New Zealand Board**

## 2. KEY CONTACTS

Events Director	Chris Christensen	027 414 2221
Events Manager	Steff Holcroft	027 855 7676
Coronet Peak Events Director	Nigel Kerr	027 236 8553
Race Manager	Erin Green	021 255 9836
President of the Commissaire Panel (PCP)	Jeremy Christmas	021 304 872
Assistant PCP	Dereck McCarthy	
Commissaires	James Crawford	
	Lisa Morgan	
	Matt Amos	

## 3. EVENT WEBSITE

For more information please check the event website: <http://mtbnationals.nz/>

## 4. EVENT PARTNERS



**AOTEAROA  
GAMING  
TRUST**



We would like to extend our thanks to the event partners whom without their support the event would not be possible.

## 5. EVENT LOCATION

The Cross Country, Cross Country Relay and Downhill events will both take place at [Coronet Peak Ski Area](#), Queenstown.

## 6. LICENCING

All entries in UCI Categories must be 2024 Cycling New Zealand Annual Licence holders.  
All entries in Non-UCI Categories must be a 2024 Cycling New Zealand Annual licence holder or purchase a one-day event licence at the time of entry or have a licence from their National federation (international ghost riders).  
All riders are also required to be a member of an affiliated MTB Club.

## **7. RACE OFFICE**

The race office is located inside the West Wing Coronet Peak base building next to the cafe. See page 9 for map.

## **8. RACE PACK PICK UP**

Race Pack Pick up (for race plates and timing transponder collection) is available from the Race Office. Please see Full Event Schedule for times. Race plates act as lift passes during the event weekend.

Late entries will be accepted for Non-UCI Categories only (U15, U17, Sport and Masters) once entries have closed with a late fee penalty of \$50 per event. Riders who enter late will not be given any seeding preferences.

## **9. TIMING AND NUMBER PLATES**

In the Cross Country and Cross Country Relay; all riders will be issued with a body number and race plate. In the Downhill; all riders will be issued with a race plate only.

The body number must be attached to the back of the rider's shirt. Race plates must be displayed on the handlebars of the bicycle. Pins and zip ties will be provided at race pack pick up.

Race plates must be flat not wrapped or curved around the bars – officials need to be clearly able to read the number or no place can be awarded.

Altering, cutting, or placing of unauthorised sponsors' logos on numbers will result in a fine and/or disqualification. All riders must display their race numbers if riding the course on the official practice day(s) or on race day(s). Downhill riders will not be allowed on the chairlift unless they have a number attached to the handlebars of their bicycle.

Timing transponders will also be provided to riders at race pack pick up. These must be secured around your front fork and returned after your race. Riders will be charged \$150+gst for timing transponders that are not returned.

## **10. RULES**

Racing will be conducted under the [MTBNZ Technical Regulations](#) and the rules and regulations of the UCI: <https://www.uci.org/>

All riders, by entering this event, agree to accept and abide by the Cycling New Zealand Code of Conduct.

The MTB Protection Policy applies and is required to be adhered to by all riders. See Section 6 in the [MTBNZ Technical Regulations](#) for more information.



### **DH Protective Clothing Requirement Update - Long Sleeve Shirts Now Mandatory**

On 1 January 2023 an update to UCI Regulation 4.3.011 came into effect that changed the protective clothing requirements for downhill events. The updated regulation now mandates the wearing of long sleeved shirts and introduces requirements for leg covering/protection. The impact of the change to the CNZ/MTBNZ MTB Regulations is that long sleeved shirts are now mandatory for all riders (previously senior riders could wear short sleeve shirts with elbow protection). The leg protection rules are essentially the same as the existing NZ requirements.

The updated CNZ/MTBNZ Protective Clothing Requirements are available [here](#).

The new requirements will apply at all MTBNZ, CNZ (MTB Nationals) and UCI calendar events in New Zealand.

### **11. HEALTH AND SAFETY**

The event is committed to providing and maintaining the upmost health and safety standards by ensuring that all risks and hazards associated with the event are adequately identified and managed to prevent harm in accordance with the Health and Safety at Work Act 2015 (HSAW2015).

The safety of the riders, officials, volunteers, and spectators are included in the event planning. This includes (but is not limited to) course inspections, course marking, directional signage, hazard warning signage, communications and first aid provisions.

The venue and course are in a public mountain bike park and other users may be present during the event. The event courses are designed for mountain biking and a certain amount of skill is required. By entering this event you are deemed to have the sufficient level of experience and skill to ensure your own safety. It is your responsibility to manage your own safety during the event, to be aware of other park users at all times and to make responsible decisions. There is course taping in place however, there may be public and official traffic on the circuit during your race.

The event is held in an outside environment and weather conditions are likely to be very changeable. Please ensure you are prepared for inclement, adverse, or extreme (hot or cold) conditions. If you have any questions or concerns regarding Health and Safety please report to the Events Director or the Chief Commissaire.

Please be aware that this event is held in an alpine environment and as such is subject to sudden adverse weather changes. Plan ahead and always let someone know where you are going.

### **12. MEDICAL**

Medical support will be present at the venue. Notify an event official in the case of medical attention being required. **In the event of an emergency please call 111.**

The nearest hospital is:

[Lakes District Hospital](#)

20 Douglas Street, Frankton, Queenstown, 03 441 0015

### 13. WITHDRAWING FROM THE RACE

If you are pulling out of a race, you **MUST** notify officials at the finish line. This is to ensure that everybody is accounted for at the conclusion of race days.

### 14. ANTI-DOPING

Drug testing could happen at any time and will be administered by Drug Free Sport NZ. Anti-doping officials will inform riders chosen. Drug Testing will be undertaken in provided facilities on site at the event village in the Wigley Room.

### 15. RACE BRIEFING

For XCO and XCC – riders will be briefed on the start line prior to their race start.

For DH – riders will be briefed prior to seeding run. Please see times in the schedule below.

Important information including any updated race or course information, any key safety messages, changes to the event or contingency plans will be provided at these briefings.

### 16. POINTS

The following events are registered with the UCI and will be eligible for UCI Points. UCI points are being awarded as per the UCI Regulations, Part 4 Annex 2, for the appropriate points scale, and summarized as follows:

	National Championships
<b>XCO Cross Country</b>	
Men's and Women's Elite/U23 Combined Races	Top 10
Men's and Women's Junior	Top 5
<b>DHI Downhill</b>	
Men's and Women's Elite /Junior Combined Races	Top 10
<b>XCC Short Track</b>	
Men's and Women's Open (riders aged 19 and over as of 31 December 2024)	Top 10

## 17. SCHEDULE

This programme is subject to change and full details including rider and marshal briefings shall be posted at Race registration.

Day	Event	Details	Time
<b>Thursday 22<sup>nd</sup> February</b>	XCO / DH	Unofficial practise Day. Course is open for practice, however the course might be altered and also there will be no marshals or dedicated medical cover available while they are practicing so they do it at their own risk.	Until 6.00pm
<b>Friday 23<sup>rd</sup> February</b>		Venue open from	9.00am
	XCO / DH	Race pack pick up	9.00am – 4.00pm
	XCO	Unofficial Practise (please note the course may be altered after the commissaire course walk)	10.00am – 1.00pm
	XCO	XCO Commissaire Course Walk (Course closed to bikes)	1.00pm – 2.30pm
	XCO	Official Practise	2.30pm – 4.00pm
	DHI	Commissaire Course Walk	4.00pm
	DHI	Riders Course walk. Last lift load 4.15pm	4.30pm
<b>Saturday 24<sup>th</sup> February</b>		Venue open from	8.15am
	XCO	U15, U17, Sport and Masters Race call up	9.15am
	<b>XCO</b>	<b>U15, U17, Sport and Masters - RACE START</b>	<b>9.30am</b>
	XCO	Prizegiving for U15, U17, Sport and Masters Including MTBNZ Awards for Emerging Talent (U17)	Approx 11.30am or as soon as racing concludes
	XCO Women's	Elite, U23 and U19 call up and briefing	11.45am
	<b>XCO Women's</b>	<b>Elite, U23 and U19 – RACE START</b>	<b>12.00pm</b>
	XCO Men's	Elite, U23 and U19 call up and briefing	1.45pm
	<b>XCO Men's</b>	<b>Elite, U23 and U19 – RACE START</b>	<b>2.00pm</b>
	XCO	Prizegiving for Elite, U23 and U19 Including MTBNZ Awards for Elite Rider of the Year, Emerging Talent (International)	Approx 4.00pm or as soon as racing concludes
	DHI	Practice session 1 Elite, U19 and U17 Lift upload closes 11.45am	10.00am – 12.00pm
	DHI	Practice session 2 U15, Sport and Masters Lift upload closes 3.15pm	1.30pm – 3.30pm
<b>Sunday 25<sup>th</sup> February</b>		Venue open from	
	XCC	Warm up practise	8.00am – 8.30am
	XCC Men	Call up and briefing	8.45am

	<b>XCC Men</b>	<b>Elite - RACE START</b>	<b>9.00am</b>
	XCC Women	Call up and briefing	9.40am
	<b>XCC Women</b>	<b>Elite - RACE START</b>	<b>9.50am</b>
	XCC	Prizegiving for Elite XCC	Approx 10.30am or as soon as racing concludes
	DHI	On the day practise run Lift upload closes 9.45am	9.00am – 10.00am
	DHI	Seeding run commences	10.30am
	DHI	Lunch break	12.30pm – 1.15pm
	<b>DHI</b>	<b>Race run commences</b>	<b>1.30pm</b>
	DHI	Prizegiving for all DHI Including MTBNZ Awards for Elite Rider of the Year, Emerging Talent (International), Emerging Talent (U17)	Approx 4.30pm or as soon as racing concludes

## 18. CATEGORIES

The following event categories are available for both men (boys) and women (girls). Age is calculated as at 31 December 2024.

XCO – Cross Country	UCI Categories	Elite - Riders aged 23 or over (as at 31 December 2024)  U23 - Riders aged between 19 - 22 (as at 31 December 2024) <i>The Elite/U23 races will be run as a Combined Race. In the case of a U23 winning the Combined Race only one (Elite) National Jersey will be awarded to that rider. In the case of an Elite winning the Combined Race, the winner will be awarded with an Elite National Jersey and the first placed U23 rider will be awarded with a U23 National Jersey.</i> U19 (Junior) - Riders aged between 17 - 18 (as at 31 December 2024)
	NON - UCI Categories	U15 - For Riders aged between 13 - 14 (as at 31 December 2024) U17 - For Riders aged between 15 - 16 (as at 31 December 2024) Sport- For Riders aged between 17 - 29 (as at 31 December 2024) Masters 1 - For Riders aged between 30 - 39 (as at 31 December 2024) Masters 2 - For Riders aged between 40 - 49 (as at 31 December 2024) Masters 3 - For Riders aged between 50+ (as at 31 December 2024)
DH - Downhill	UCI Categories	Elite - For Riders aged 19 or over (as at 31 December 2024)  U19 (Junior) - For riders aged 17 - 18 (as at 31 December 2024)  This category is only available for NZL riders.  <i>Ghost riders will only be accepted if there is capacity when entries close. If you are a Ghost rider (an international rider who wishes to race in the UCI category - then please contact <a href="mailto:events@cnz.kiwi">events@cnz.kiwi</a> to be added to a waitlist)</i>
	NON - UCI Categories	U15 - For Riders aged between 13 - 14 (as at 31 December 2024) U17 - For Riders aged between 15 - 16 (as at 31 December 2024) Sport - For Riders aged between 17 - 29 (as at 31 December 2024) Masters 1 - For Riders aged between 30 - 39 (as at 31 December 2024) Masters 2 - For Riders aged between 40 - 49 (as at 31 December 2024) Masters 3 - For Riders aged between 50+ (as at 31 December 2024)



XCC – Cross Country Short Track	UCI Categories	Elite - For Riders aged between 19 - 29 (as at 31 December 2024)
	NON - UCI Categories	No non-UCI categories

The process to become an Elite rider is to apply to MTBNZ President Ryan Hunt, who will review previous race results to determine whether elite status is appropriate.

#### 19. PARKING

Plenty of free parking is available at the venue. Please do not leave your vehicles unattended in the Drop – Off Zone.

#### 20. TEAM PIT SITES

Are located across the back edge of the deck at Coronet Peak. Note there is no vehicle access and no parking at the garage behind Coronet Express lift.

#### 21. FOOD AND BEVERAGE

The Coronet Peak cafe has cabinet food ready to heat/eat that includes brownies, slices, muffins, scones and pastries as well as fresh sandwiches/rolls made daily. For their cook to order they've got great snacks like potato skins, poutine, and nachos or for something more substantial their pizza oven is always on and you can't go wrong with chicken wings. They can cater to vegan, vegetarian, gluten free and anything else!

#### 22. SMOKE, VAPE, DRUG AND ALOCHOL FREE

The entire event is smoke, vape drug and alcohol free. Please ensure all your supporters are aware of this.

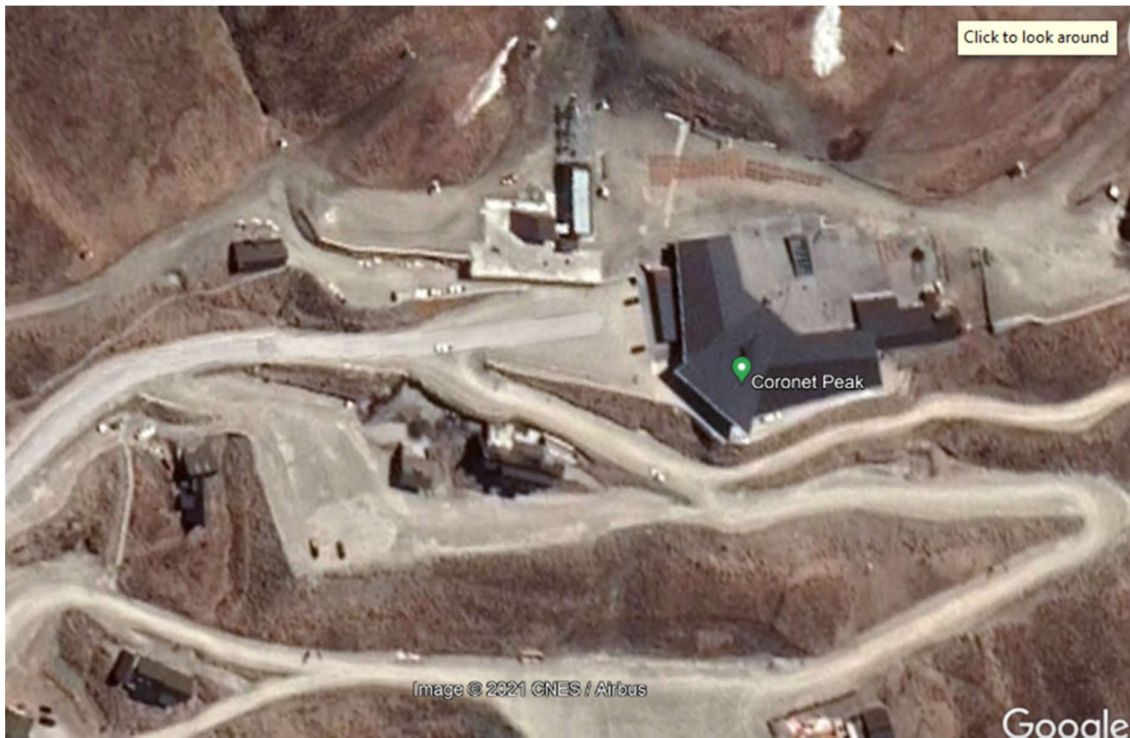
#### 23. MEDAL CEREMONY PROTOCOL

Medal ceremonies will be for place-getters only, these will take place as soon as possible after your group's race. Please listen to instructions of the officials and MC and be ready for prize giving which will be fluid. Spot prizes winners will also be called out at prize giving.

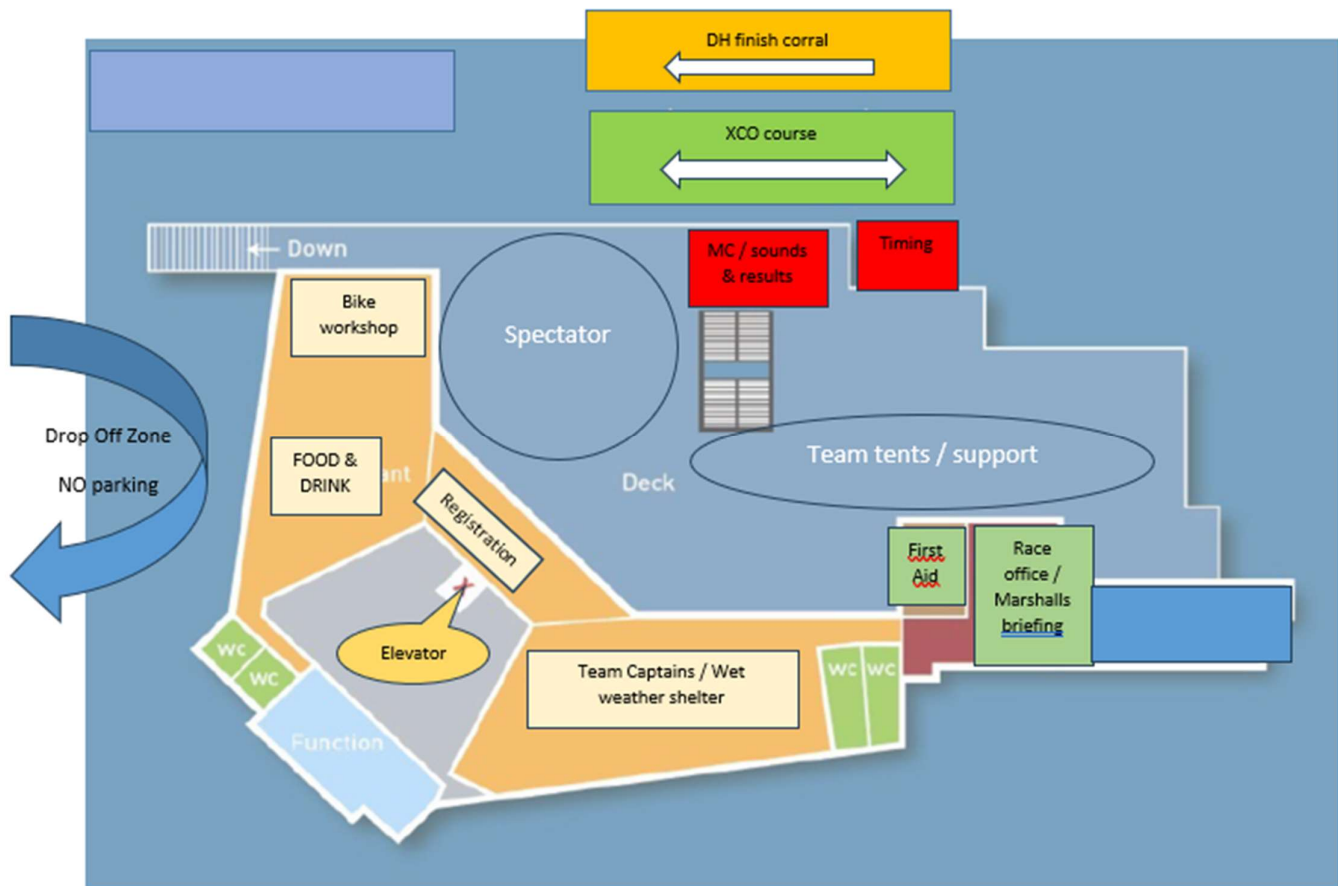
#### 24. SOCIAL MEDIA

Facebook	<a href="https://www.facebook.com/CyclingNZL">https://www.facebook.com/CyclingNZL</a>
Instagram	<a href="https://www.instagram.com/cyclingnewzealand/">https://www.instagram.com/cyclingnewzealand/</a>
Website	<a href="http://mtbnationals.nz/">http://mtbnationals.nz/</a>
Event Hashtag	#MTBNats

25. BASE LAYOUT



Video Tour  
Base Map



## 26. XCO EVENT INFORMATION

**Course lap:** Approx. 3.85 km

**Elevation climb per lap:** Approx 173 m

**Range:** between 1173 – 1288m above sea level.

Lap numbers may be subject to changes on race day as decided by the President of the Commissaires Panel. Please note, there will be no separate 'start lap'. All laps will be full laps.

Category	Race Time Guidelines	Provisional Laps
U15 Girls	45m – 1.00h	2
U15 Boys	45m – 1.00h	3
U17 Girls	1:00h – 1:15h	3
U17 Boys	1:00h – 1:15h	4
Junior (U19) Women	1:00h – 1:15h	4
Junior (U19) Men	1:00h – 1:15h	5
Sport Women	1:00h – 1:15h	3
Sport Men	1:00h – 1:15h	4
Masters Women 1 - 5	1:00h – 1:15h	3
Masters Men 1 – 5	1:00h – 1:15h	4
Elite and U23 Women	1:20h – 1:40h	5
Elite and U23 Men	1:20h – 1:40h	6

A rider's race **ceases when the winner of their class finishes**. i.e. riders complete their current lap. Lapped riders continue to ride and finish only when the first rider in their class has completed the event.

**80% rule** – For Junior, Under 23 and Elite level XCO races, the 80% rule will apply at the discretion of the President of the Commissaires Panel. If a slower rider is more than 80% of the time it takes the leading rider to complete a lap behind that leading rider at the start/finish line, the slower rider may be withdrawn under the 80% rule

**Feed/Tech zone** - Feeding is permitted only in the zone designated for that purpose on the far side from the base area which is also used as technical assistance zone. Riders will pass the Feed/Tech Zone once per lap. Riders are permitted to one person only in the Feed/Tech zone.

**Practice** - The course will be open for unofficial practice from Thursday 22 February – see schedule for times. Please follow event signage and ride with caution.





## 27. DOWNHILL INFORMATION

**Practice runs:** All riders must complete a minimum of two practice runs over the allocated Practice times.

**Race Numbers:**

Riders must display their handlebar number while training as well as their back number during qualifying and the final.

**Chairlift:** Riders will catch the Coronet Express lift to the top of the hill. No competitors are to use any transport other than the official transport supplied by the race organisers for the official downhill practice or race day(s). Riders must have their race plates on their bikes for all practice, seeding and race runs.

**Course:**

Start Elevation: 1605 m  
Finish Elevation: 1190 m

Total length: 1.8km  
Estimated fastest time: 3.45 min

Total Elevation drop: 415 m



## 28. XCC EVENT INFORMATION

**Course lap:** Approx. 710m, Elevation gain 19m

**Title:** Short Course Nationals

An elite men's and elite women's race (combined elite & U23) capped at 40 riders.

**Entry:** Elite / U23 only

### Laps

Category	Duration	Provisional Laps
Elite & U23 Women	25 - 35 min	7
Elite & U23 Men	25 - 35 min	8

The short course takes in some natural and other man-made obstacles to trial rider's skill and endurance.

