



MOUNTAIN BIKE NATIONAL CHAMPIONSHIPS



TECHNICAL GUIDE



25-26 FEB 2023 - QUEENSTOWN



1. WELCOME

A warm welcome to all our riders and supporters to Coronet Peak for the 2023 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 2023 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 Manager	Steff Jordaan	027 855 7676
Events Director	Chris Christensen	027 414 2221
Coronet Peak Events Director	Nigel Kerr	027 2368553
Race Manager	Erin Green	021 2559836
Chief Commissaire (PCP)	Jeremy Christmas	021 304 872
Assistant PCP	Dereck McCarthy	
Commissaires	Matt Amos	
	Waine Harding	
	Jamie Roberts	

3. EVENT WEBSITE

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

4. EVENT PARTNERS

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 and Downhill events will both take place at Coronet Peak Ski Area, Queenstown.

6. LICENCING

All entries in UCI Categories must be 2023 Cycling New Zealand Annual Licence holders.

All entries in Non-UCI Categories must be a 2023 Cycling New Zealand Annual licence holder or purchase a Cycling New Zealand 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 at West Wing Coronet Peak base building. See page 9 for map.

8. RACE PACK PICK UP

Race Pack Pick up (for race number and timing transponder collection) is available from the Race Office. Please see Full Event Schedule for times. No late entries will be accepted.

9. TIMING AND NUMBER PLATES

All riders will be issued with a body number and race plate. 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.

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 downhill transport 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

The event is run under the Rules and Regulations of the UCI: <https://www.uci.org/>

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, starting with round 1 of the MTBNZ DH series in Cardrona on 15 January.

11. HEALTH AND SAFETY

The event is committed to providing and maintaining the upmost health and safety standards by enduring that all risks and hazards associated with the vent 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, volunteer, and spectators are included in the event planning. This includes (but 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 required 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.

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 the race.

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 – 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 for the appropriate points scale, and summarized as follows:

	National Championships
XCO Cross Country	
Men's and Women's Elite/U23 Combined Races	Top 10
Men's and Women's Junior	Top 5
DHI Downhill	
Men's and Women's Elite /Junior Combined Races	Top 10
XCC Short Track	
Men's and Women's Open (riders aged 19 and over as of 31 December 2023)	Top 10

17. SCHEDULE

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

Day	Event	Details	Time
Thursday 23rd February	XCO	Commissaire Course Walk (Course closed to bikes)	6.00pm
Friday 24th February	XCO	Race pack pick up & practice	10 am – 3pm
	DHI	Commissaire Course Walk (Course closed to bikes)	3.30pm
	DHI	Race pack pick up	3pm onwards
	DHI	Course walk	4.30 pm
Saturday 25th February		Venue open from	8.30 am
	XCO	U15, U17 Open and Masters and Race call up	9.15 am
	XCO	Prizegiving	11.30 am
	XCO Women's	Elite, U23 and U19 call up and briefing	11.45 am
	XCO Men's	Elite, U23 and U19 call up and briefing	1.45 pm

	XCO	Prizegiving	4pm
	DHI	Practice session 1	10 – 12 noon
	DHI	Practice session 2	1.30 – 3.30 pm
Sunday 26th February		Venue open from	8.30am
	XCC	Warm up practise	8.30 – 9am
	XCC	Call up and briefing	9.15am
	XCC	Prizegiving	10.30am
	DHI	On the day practise run	9 – 10 am
	DHI	Seeding run commences	10.30am
	DHI	Lunch break	12.30 – 1.15pm
	DHI	Race run commences	1.30pm
	DHI	Prizegiving	4.30pm

18. CATEGORIES

The following event categories are available for both men (boys) and women (girls). Age is calculated as at 31 December 2023.

XCO – Cross Country	UCI Categories	<p>Elite - Riders aged 23 or over (as at 31 December 2023)</p> <p>U23 - Riders aged between 19 - 22 (as at 31 December 2023)</p> <p><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></p> <p>U19 (Junior) - Riders aged between 17 - 18 (as at 31 December 2023)</p>
	NON - UCI Categories	<p>U15 - For Riders aged between 13 - 14 (as at 31 December 2023)</p> <p>U17 - For Riders aged between 15 - 16 (as at 31 December 2023)</p> <p>Sport- For Riders aged between 17 - 29 (as at 31 December 2023)</p> <p>Masters 1 - For Riders aged between 30 - 39 (as at 31 December 2023)</p> <p>Masters 2 - For Riders aged between 40 - 49 (as at 31 December 2023)</p> <p>Masters 3 - For Riders aged between 50+ (as at 31 December 2023)</p>
DH - Downhill	UCI Categories	<p>Elite - For Riders aged 19 or over (as at 31 December 2023)</p> <p>U19 (Junior) - For riders aged 17 - 18 (as at 31 December 2023)</p>
	NON - UCI Categories	<p>U15 - For Riders aged between 13 - 14 (as at 31 December 2023)</p> <p>U17 - For Riders aged between 15 - 16 (as at 31 December 2023)</p> <p>Sport - For Riders aged between 17 - 29 (as at 31 December 2023)</p> <p>Masters 1 - For Riders aged between 30 - 39 (as at 31 December 2023)</p>

		Masters 2 - For Riders aged between 40 - 49 (as at 31 December 2022) Masters 3 - For Riders aged between 50+ (as at 31 December 2023)
XCC – Cross Country Short Track	UCI Categories	Men and women – Elite, U23 and U19 racers.

19. PARKING

Plenty of free parking is available at the venue. Please do not leave your vehicles unattended in the Drop 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 on 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, DRUG AND ALOCHOL FREE

The entire event is smoke, 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. Spot prizes winners will also be called out at prize giving.

24. SOCIAL MEDIA

Facebook	https://www.facebook.com/CyclingNZL
Instagram	https://www.instagram.com/cyclingnewzealand/
Website	http://mtbnationals.nz/
Event Hashtag	#MTBNats

25. BASE Layout



26. XCO EVENT INFORMATION

Course lap: Approx. 3.7 km

Elevation climb per lap: Approx 270m

Range: between 1173 – 1282m 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. This person must be pre-registered with CNZ by Monday 20 February by emailing events@cyclingtonewzealand.nz. Riders will receive a pass for their allocated person at race pack pick up.

Practice - The course will be ready for practice from Friday 24 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.

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

Total length: 1.8km

Finish Elevation: 1190 m

Estimated fastest time: 3.45 min

Total Elevation drop: 415 m



28. XCC EVENT INFORMATION

Course lap: Approx. 1.25 km

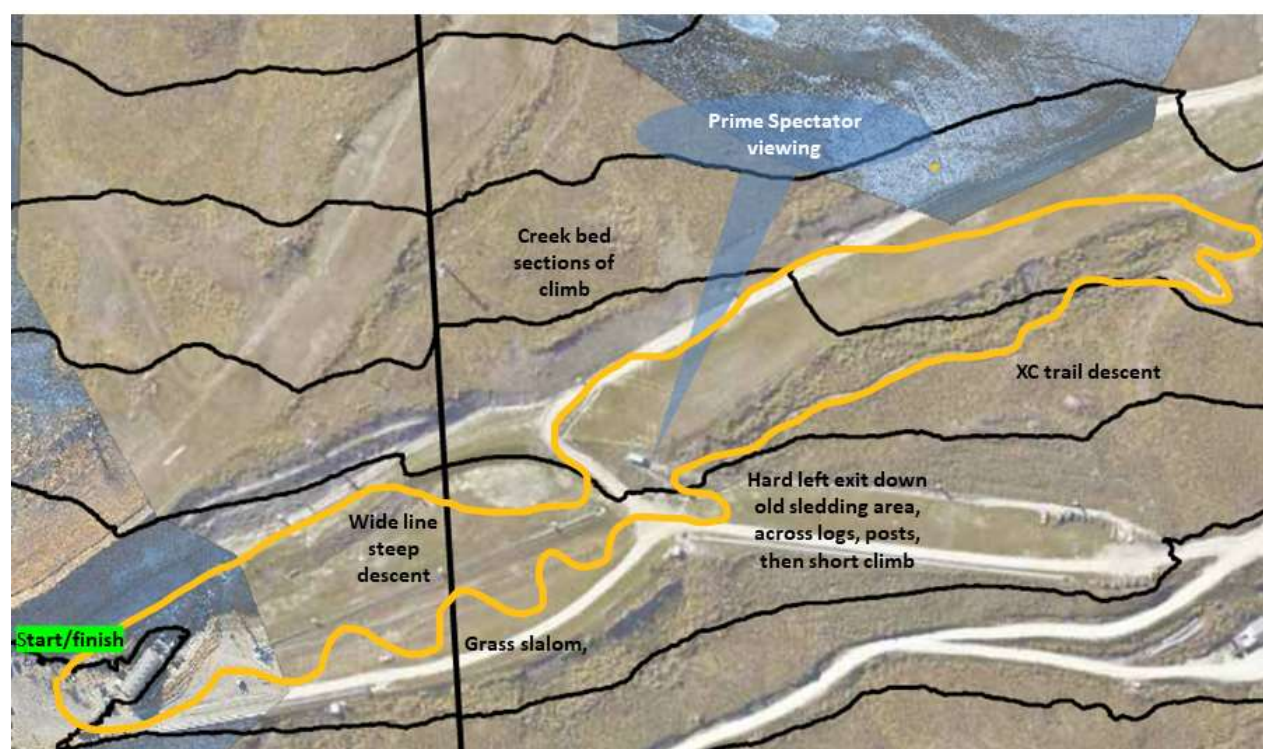
Title: Short Course Nationals

An elite men's and elite women's race (combined elite, u23 and u19) capped at 40 riders.

Entry: Elite / U23 and U19 only

Laps

Category	Duration	Provisional Laps
U19	18 - 24 min	5
U23	20 - 30 min	6
Elite Women	25 - 35 min	7
Elite Men	25 - 35 min	8



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