



Presented by



Orienteering
Wellington



New Zealand Orienteering Championships 2020 Event Programme

Manawatū
24–26 October 2020



INFORMATION IN THIS PROGRAMME

This programme was correct at time of publication. Last minute changes or updates will be posted on the Nationals website. Please check for updates.

<https://www.events.orienteeing.org.nz/nationals/updates/>

Version history

This is Version 2 of the programme, updated 22 October 2020.

- Version 1: Published 19 October 2020.
- Version 2: Updated 22 October 2020. Added driving directions for Sprint Distance event.

CONTACT

Please direct all enquiries to:

secretary@wellingtonorienteeing.org.nz

The Event Organiser is Jane Harding: janeh@xtra.co.nz.

THANK YOU

The organising committee of the National Foot-O Champs 2020 ('Nationals') would like to **thank the land owners and managers for their support** in enabling us to host this event. In particular we would like to thank

- Parewanui forest managers, Ernslaw—in particular, Linda Waddell, Forest Manager
- Waitarere Forest managers, Forest Enterprises—in particular Chris Hawthorne, Forest Manager and David Reid, Forest Access Coordinator.
- Levin School (Principal, Paddy Sannazarro); Levin Intermediate School (Principal, Sheree Garton); Horowhenua College (Principal Grant Cogdon and Campus Manager Jono Johnson); Horowhenua A&P Showgrounds (Secretary, Jill Timms).

We would also like to thank Interislander Limited for providing some cool spot prizes.

WELCOME

On behalf of Orienteering New Zealand, Orienteering Wellington and the organising committee of Nationals 2020, I welcome you all, at long last, to Nationals 2020. We're very pleased to see over 400 entries, despite the ups and downs, and are excited to be hosting you all in the Manawātū for three days of competition.

2020 has been an unusual year. As with all events, our plans for Nationals at Easter were thwarted by the nationwide lockdown. The August outbreak of COVID-19 has meant we've had to take a fast and flexible approach to bring things together for Labour Weekend. We consider ourselves privileged to even be able to host Nationals this year, and I wish to acknowledge Orienteering New Zealand for working with us to make this weekend possible. Importantly, I want to thank you, for your commitment to our wonderful sport in what has been a difficult year. It's great to see such strong support and I know that you'll understand that our broader public health response means that the weekend may look a bit different to events of previous years.

Hundreds of hours of volunteer time have gone into mounting this event and the organising team has done a fantastic job. A big thanks goes out to Jane Harding, our Event Organiser, who has provided superb oversight for the event. Gillian Ingham has also put in a huge effort to provide unparalleled expertise in her role as overall Technical Controller, from the time that areas were being scoped through to quality assurance of courses and compliance with rules.

Welcome to Nationals. I hope you're as excited as I am to get out there and enjoy the maps!

Sarah O'Sullivan

President

Orienteering Wellington

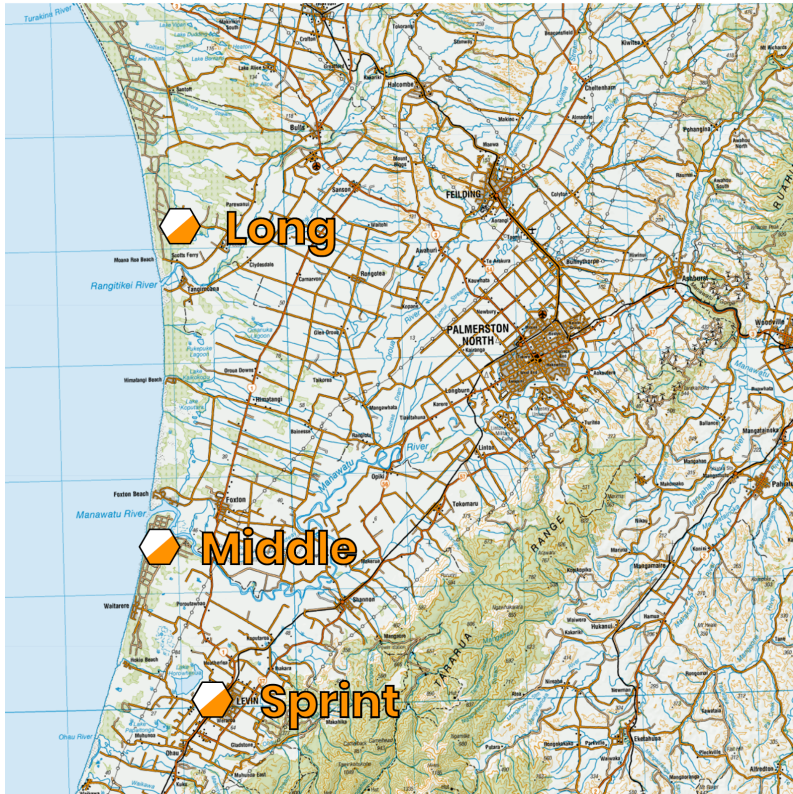
INFORMATION IN THIS PROGRAMME	2
Version history	2
CONTACT	2
THANK YOU	2
WELCOME	3
EVENT LOCATIONS	7
TIMETABLE	7
SATURDAY – 24 OCTOBER 2020 - EVENT 1 - Long Distance	
Map: Parewanui, Santoft Forest	7
SUNDAY - 25 OCTOBER 2020 - EVENT 2 - Middle Distance	
Map: Waitarere North West, Waitarere Forest	7
MONDAY - 26 OCTOBER 2020 – EVENT 3 - Sprint Distance	
Map: Horowhenua Showgrounds, Levin	8
COMPETITIONS	8
HEALTH AND SAFETY	8
RULES	9
FAIR PLAY	9
GPS EQUIPMENT	9
FOOD AND DRINK	9
GENERAL INFORMATION	10
Start lists	10
Registration and enquiries	10
Punching system	10
Maps	10
Control Descriptions	11
Event Information	11
Start Procedure	11
Late Starters	11
Finish	11
Map collection	12
Results	12
Trophies, Medals and Prize-giving	12
Complaints and Protests	12
Lost or late runners	13
SportIdent Electronic Punching System	13
How to use a normal SI card	13
SI Air+	14
How to use a SIAC	14
Hired cards	15
Live Tracking	15
Vendors	15
MAPsport	15
Grassy Knoll	15

New Zealand Long Distance Championships	16
Parewanui - SATURDAY, 24 OCTOBER 2020	16
Mapped by	16
Location	16
Timings	16
Area	16
Planner	16
Controller	16
Land Owners/ Managers	17
Terrain	17
Footwear	17
Event Centre	17
Event Information	17
Map Scale and Contour interval	17
Starts	17
Quarantine information	18
Warm-up Area	18
Finish	18
Toilets	18
Out of Bounds	18
Course Notes	18
Safety Bearing	18
Hazards	18
Course Closure	19
New Zealand Middle Distance Championships	21
Waitarere NW - SUNDAY, 25 OCTOBER 2020	21
Map	21
Location	21
Timings	22
Planner	22
Controller	22
Land Owners/ Managers	22
Terrain	22
Recommended gear	22
Event Centre	22
Event Information	23
Map Scale	23
Contour interval	23
Starts	23
Quarantine information	23
Warm-up Area	23
Finish	23
Toilets	23
Out of Bounds	23
Safety Bearing	23
Hazards	23

Course Closure	24
New Zealand Sprint Distance Championships	25
Horowhenua Showgrounds - MONDAY, 26 OCTOBER 2020	25
Mapped by	25
Location	25
Area	25
Timings	26
Planner	26
Controller	26
Land Owners	26
Terrain	26
Footwear	26
Event Centre	26
Event Information	26
Map Scale	27
Contour interval	27
Starts	27
Warm-up Area	27
Finish	27
Toilets	27
Out of Bounds	27
Mapping Notes	27
Hazards	28
Course Closure	28
FUTURE EVENTS	30
Regional Champs/Brighthouse Trophy events	30
Southern O Week 2021	30
Nationals 2021	31

EVENT LOCATIONS

Map of Event locations



TIMETABLE

SATURDAY – 24 OCTOBER 2020 – EVENT 1 – Long Distance

Map: Parewanui, Santoft Forest

9:00 am Registration opens
10:30 am First starts

SUNDAY – 25 OCTOBER 2020 – EVENT 2 – Middle Distance

Map: Waitarere North West, Waitarere Forest

9:00 am Registration opens
10:30 am First starts

MONDAY – 26 OCTOBER 2020 – EVENT 3 – Sprint Distance

Map: Horowhenua Showgrounds, Levin

9:00am Registration opens

10:30am First Starts

COMPETITIONS

The events at Labour Weekend will also be :

- Trials for a “paper” NZ Secondary Schools team for 2020.
- World Ranking Event for Middle Distance.
- World Ranking Event for Long Distance.
- Round 3 of the National Orienteering League.

Explanation for Secondary School competitors

Nationals will be the trials for the NZ Secondary Schools team for 2020. This team is usually selected after the trials at Queen’s Birthday and travel to Australia in September/October for the Australian Schools competition. This competition is not being held this year due to the COVID-19 pandemic.

HEALTH AND SAFETY

COVID-19 QR codes: Scan all QR codes using the Government’s [COVID Tracer app](#).

Health and Safety: Safety Plans and Hazards for each day will be displayed at the Event Centre. Please drive with your lights on in the forest.

First Aid: A first aid tent will be on site at each event and medical professionals will be on call at all times.

Whistles: You are advised to carry whistles for event 1 (long distance at Parewanui) and event 2 (middle distance at Waitarere North West). Please bring your own as these will not be provided at the Registration Desk. The distress signal is 6 short blasts, rest, then repeat. Use only in an emergency—this includes serious injury and/or becoming lost and unable to relocate and/or at risk from extreme elements.

Clothing: Good orienteering shoes with traction and full body cover for pine forest running is recommended for the Middle and Long distance events. Spring weather can be variable, so come prepared for all seasons.

Course closure: Refer to the course closure times stated for each day. If you haven’t finished your course by these times then return to the finish area and report in at the download station.

Shelter: A small amount of shelter will be provided by the organisers but it is recommended that you bring your own if the weather is bad.

Toilets: Toilets will be available at event centres.

Dogs: Dogs are not permitted. This includes parking areas and in cars.

Smoking and Fires. Smoking is not permitted at either of the forest events due to the risk of fire. NO fires, barbeques or cookers are allowed in the forest.

Smoking is not permitted in any of the school grounds.

Fences and Gates: Please leave all gates closed and climb all fences at a post.

RULES

This event will be run under the Orienteering New Zealand (ONZ) Foot Orienteering Competition Rules 2016 as amended by the Technical Committee and approved by the ONZ Council on Sunday 6 and Monday 7 September 2020. These rules may be viewed on the ONZ website:

<https://www.orienteering.org.nz/resources/rules/>

The World ranking events (M/W21E Long and Middle distance races) will be run according to International Orienteering Federation (IOF) [rules](#).

Please direct any queries during the events to the event organiser.

FAIR PLAY

All competitors shall behave with fairness and honesty. Attempts to gain any information related to the courses, beyond that provided by the organiser, is prohibited before and during the competition.

You may not bring any previous maps (either physical or digital) to the competition arenas. A competitor who breaks any rule, or benefits from the breaking of any rule, may be disqualified.

GPS EQUIPMENT

As per IOF Foot O rule 21.4, competitors shall not use or carry telecommunication equipment between entering the prestart area and reaching the finish of a race, unless the equipment has been approved by the Controller prior to the event. GPS-enabled devices (watches etc.) may be carried provided that they have no map display and are not used for navigation purposes.

FOOD AND DRINK

Due to the current COVID-19 environment there will be no coffee cart or food vendors at any of the events. We encourage you to support local businesses by purchasing food and drinks at local

stores.

Water will not be available at event centres. You need to bring your own water. This is to reduce the risk of virus transmission. Make sure to bring enough to stay hydrated before and after each event and while you are in the event centre.

In the Long Distance event, Courses 1-9 all have a compulsory run-through which passes close to the event centre. Tables will be provided so that runners may leave their own named water bottle, and put it on the water table adjacent to the run-through. Courses 1-3 pass through this point more than once and runners may wish to leave more than one bottle.

GENERAL INFORMATION

Start lists

The start list will be published on the Nationals 2020 website before the event. Please check for updates prior to the event: <https://www.events.orienteeing.org.nz/nationals/>

For organisers and volunteers who cannot make their allocated start times, competitors entered in MW10N and anyone else who has been explicitly told: You may start whenever suits, so long as you do not start at the same time as anyone else running the same course. Officials at the Start will determine a convenient time.

See [Late Starters](#) later in the programme for more information.

Registration and enquiries

Registration or enquiries can be made at the Registration Desk at the times indicated in the timetable. Please go to Registration to pick up hired SI cards if you opted to hire from us when entering.

Punching system

All events use the SportIdent (SI) electronic punching system. SI cards (dibbers) will be used for recording your punches. If you have a SportIdent Active Card (SIAC) you will be able to use [SI Air+](#) contactless punching. See [SportIdent Electronic Punching System](#) later in this programme for details.

All SI cards hired from us will be SIACs. If you hired a SIAC during the entry process, please collect it from the Registration Desk when you arrive. Hired SIACs must be returned at the end of the event. We will charge a fee of \$120 for unreturned SIACs.

Maps

Maps are pre-printed on Teslin 115g (waterproof paper) with control descriptions printed on the maps for all courses.

Control Descriptions

Control descriptions are printed on the map for all courses. Separate control descriptions are also available at the Start.

Event Information

It is your responsibility to ensure you are familiar with all procedures and information about the courses by careful reading of this programme. Updates may be posted at the Event Centre. If you are unsure of anything, ask for clarification at the Registration Desk before you head to the Start. This helps us keep the noise down at the Start and allows all competitors to focus on their run.

Start Procedure

- Be at the Start at least **8 minutes** before your start time.
- Be aware that the Start may be several hundred meters from the Event Centre, so leave time to walk.
- Be prepared by knowing your class, grade and course number.
- Spoken briefings will not be given at Start boxes. It is your responsibility to familiarise yourself with any changes or procedures. These will be available in writing.
- The start procedure begins **4 minutes** before your start time.
- The start procedure for all events is:
 - Box 1: Check name and SI number on entry.
 - Box 2: Punch the Master Check SI box.
 - Box 3: Collect your control descriptions if desired
 - Box 4: When instructed, collect your map and start on the long beep.
- Note that unlike typical club events, only Late Starters punch a start control.

Late Starters

Late arrivals for all events should report to the Late Start desk at the Start. You will be fitted into the start process at the first convenient time as determined by the officials. Please note that you may have to wait for a while since you need to start after the grade currently starting, if any.

When you start, you will punch the start control to record your actual start time, but your race time will run from your original start time.

If you consider that you have a valid reason for being late, inform the officials at the download station after you finish your course. At the Controller's discretion, they may adjust your start time to your punch start time. The organisers at the download station will not adjust your time unless they have the all-clear from the Event Controller. Exceptions to this are known organisers and volunteers, runners in MW10N and any others who have had explicit confirmation that they can use the start control.

It is your responsibility to ensure that your time is adjusted accordingly. Results will not be changed once they are finalised and published.

Finish

Times will be recorded as you punch the finish control. Please continue to the Finish tent to download your SI card and hand in your map. If you have had a control station failure and clipped your map instead, tell the download person and your map will be collected for later review.

If you are using a SIAC, you do not need to stop and punch the finish control but can instead run through the finish gate at full speed. If you are not using a SIAC, you are required to punch the finish control as normal.

If for any reason you decide not to finish your course, you *must* punch the finish control and complete the download process. This lets organisers know not to start searching for you at the end of the day.

You must report to the finish, even if you do not complete your course.

Map collection

You must leave your map at the download station. Maps will be collected from runners as they finish their course. As a precaution against COVID-19 transmission, all runners will place their maps into a box with their club name. When maps are available, one member from each club will be able to collect their club's maps for distribution. Maps will not be available for individuals to collect. Printable copies of the map for each course will be downloadable from the event website <https://www.events.orienteering.org.nz/nationals/maps/> as soon as possible.

Results

To reduce the need to congregate, there will be no live results or screen displays at the Event Centre. Provisional live results will be available at the Event Centre via Wi-Fi and instructions for accessing this will be available at the Event Centre. Official results will be available on the event website after each event.

The sprint event includes two road crossings. These will be untimed during the event but all competitors will see these recorded with the same 0.1 second time to maintain fairness.

Trophies, Medals and Prize-giving

If possible we will hold an informal medal ceremony after each event. Timing will be announced on the day. Unclaimed medals will be given to each club to take home and hand out at home.

Please bring your trophies with you and return them to the Registration Desk. If you aren't coming to Nationals this year, then make arrangements with your club to return them on your behalf. Trophies will be retained by ONZ.

Complaints and Protests

In accordance with the [Orienteering NZ](#) and [International Orienteering Federation](#) Foot O rules 27 and 28, complaints and protests may be made in writing (in English), using the appropriate forms which are available at the Registration Desk in the Event Centres.

For complaints regarding issues immediately apparent on finishing, rule 27.3 applies. For complaints arising from issues that may only come to light after the competitor has left the event arena, rule 27.3 is amended; the complaint must be made within 90 minutes of the results publication time. Complaints may initially be made verbally by phone call, followed by a written email.

The Controller's decision on a complaint must be advised to the complainant and published on the website within 60 minutes of the complaints being received. Decisions will be published at: <https://www.events.orienteing.org.nz/nationals/updates/>

If the complainant is not satisfied with the Controller's decision, a protest may be lodged. In an amendment to rule 28.3, protests may also be lodged verbally by phone, followed in writing by email, and within 90 minutes of the on-line publication of the decision about the complaint.

The phone number for protests is 0274212417 (Jane Harding). The email address for the follow-up email is secretary@wellingtonorienteing.org.nz.

The Controller will convene the jury to adjudicate. Whilst all reasonable steps will be taken to allow the jury to convene on site, the jury may need to convene virtually (Zoom or similar).

The jury members are:

- Marquita Gelderman - (North West Orienteering Club)
- Carsten Joergensen - (Peninsula and Plains Orienteers)
- Graham Teahan - (Red Kiwis)

Lost or late runners

Our organisers know who is or isn't out on the course at any given time. Report to Registration and organisers if you have concerns. They will initiate any response necessary. **Do not start your own search.**

SportIdent Electronic Punching System

The SportIdent (SI) electronic punching system will be used for all events. You will use a small electronic card to record your punches, and controls will be fitted with SI boxes, which have a hole on top to accept the SI card.

Your SI card has a number that is specifically related to you as a competitor. Your SI card must not be used by anyone else at the event.

How to use a normal SI card

- You must Clear and Check your SI card before you start each course.
 - As you enter the Start area, place your SI card into the Clear SI box. It will be clearly marked. Hold it there for a few seconds and it will beep and show a red light, confirming that your card is working and has been cleared.
 - Next, put the SI card into the Check SI box to confirm that it has been cleared. If the box does not beep and show a red light, return to the Clear box and try again.

- If your card fails to Check more than once, report the problem to the Start officials.
- At each control, place your SI card into the SI box mounted on top of the control stand. Hold it there until a red light and beep from the box indicate that the control has transferred its number onto your SI card. If in doubt, do it again – it doesn't matter if you record the same control twice.
- If an SI box fails during an event and doesn't beep or show a red light, use the clipper on the control stand to punch one of the boxes printed on the edge of your map. Draw this to the attention of the people at the finish.
- If you go to the wrong control or miss a control, just go back to the correct control and continue through the controls in sequence, ensuring that the control units remain in order; the computer will disregard the extra controls punched.
- At the finish, insert your SI card into the finish control to record your finish time and then report to the download station.

SI Air+

All events, courses and controls support the [SI Air+](#) contactless punching system. If you have a SportIdent Active Card (SIAC) you will be able to use this system to record your punches just by getting close to the SI box. If you don't have a SIAC your normal SI card will work as above.

How to use a SIAC

- You must Clear and Check your SIAC before you start each course.
 - As you enter the Start area, place your SIAC into the Clear SI box. It will be clearly marked. Hold it there for a few seconds and it will beep and show a red light, confirming that your card is working and has been cleared.
 - Next, put the SIAC into the Check SI box to confirm that it has been cleared. Your SIAC will beep and flash. If it does not, return to the Clear box and try again.
 - If your SIAC fails to Check more than once, report the problem to the Start officials.
- At each control, bring your SIAC within about 50cm of the SI box on top of the control stand. Your SIAC will flash and beep to confirm that the control number has been stored. If in doubt, do it again – it doesn't matter if you record the same control twice.
- If others are at the same control at the same time as you, hold your SIAC to your ear after punching to make sure that the beeps you hear are definitely from **your** SIAC and not someone else's.
- If the battery in your SIAC fails during your run and you don't hear any beeps, punch by inserting your SIAC into the control's SI box as normal and wait for the box to beep and flash as with standard SI cards.
- If an SI box fails during an event and doesn't beep or show a red light even if you insert your SIAC, use the clipper on the control stand to punch one of the boxes printed on the edge of your map. Draw this to the attention of the people at the finish.
- If you go to the wrong control or miss a control, just go back to the correct control and continue through the controls in sequence, ensuring that the control units remain in order; the computer will disregard the extra controls punched.
- At the finish, you can run through the finish gate at full speed. Your SIAC will beep and flash to confirm that your finish time has been recorded. You do not need to insert your SIAC into the finish control. Then report to the download station as usual.

Hired cards

If you hired an SI card from us as part of your entry, visit the Registration Desk to collect it before heading to the start. If you lose a hired card, there will be a charge of \$120 to cover the cost of replacement. All hired cards are SIACs.

Live Tracking

There will be GPS tracking of selected M21E and/or W21E athletes in all 3 races. Links to this will be provided closer to the event. Tracking will not be shown on big screens but may be available on phones depending on network coverage.

All competitors are asked to respect the integrity of this and **not** to watch tracking **before** your own run. Anyone found watching prior to running will be disqualified and will not be allowed to start.

Tracking will be available to watch after the event.

Vendors

Michael Wood from MAPsport and Gene Beveridge from Grassy Knoll will have supplies of orienteering equipment and clothing for sale at the events.

MAPsport

The long-established MAPsport Shop will be present with popular items. If you need something unusual such as MTBO map-boards or class sets of beginner compasses, please contact Michael Wood in advance via www.mapsport.co.nz.

Grassy Knoll

Gene Beveridge from Grassy Knoll Outdoor www.grassyknoll.co.nz will be present with all the gear and advice for hitting the start line fully equipped. GKO will have Trimtex apparel, compasses and magnifiers from Silva, Moscompass and Str8, Vapro control description holders, Vavrys glasses, and gels from Gu and SiS. Bring cash to settle on the spot or pay after the event with internet banking. For any pre-event enquiries contact gene@grassyknoll.co.nz.

New Zealand Long Distance Championships

Parewanui – SATURDAY, 24 OCTOBER 2020

Mapped by Russell Higham (2020)

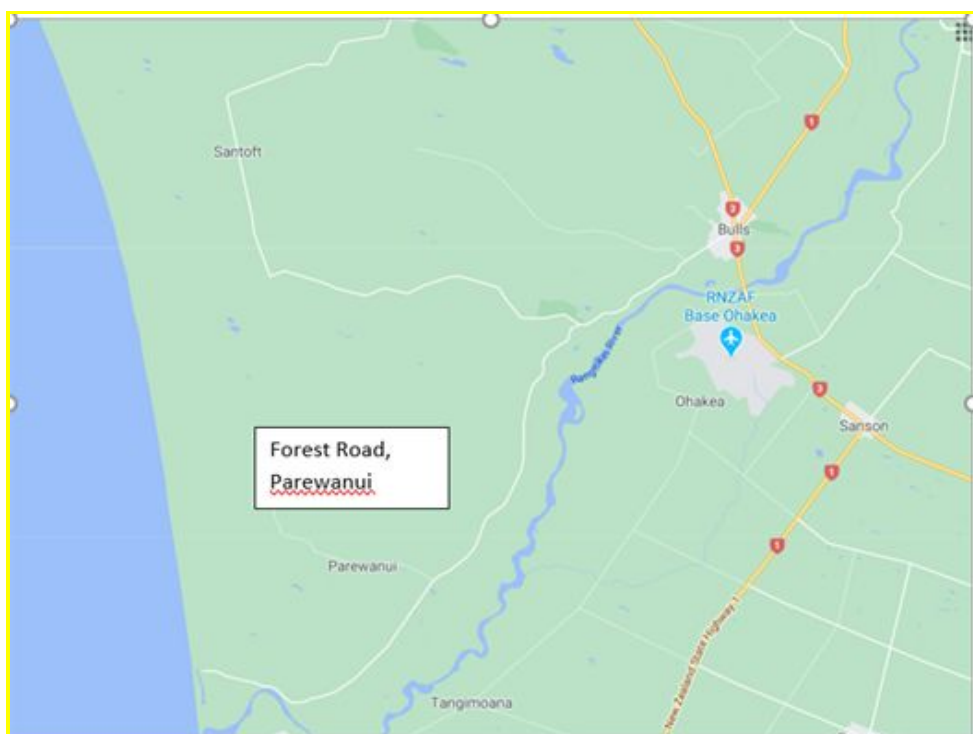
Location Parewanui, Manawatu
Driving directions: From the junction of SH1 and SH3 in Bulls, head SW on High Street, which becomes Parewanui Rd. After 13 km, turn right onto Forest Rd. The forest entrance is at a bend to the right after 4.2 km. Parking will be after approximately 1-1.5 km along the forest road.

Please drive with lights on in the forest.

Parking: As directed along forest roads. To conform with access requirements please do not park off the hard surface.

Timings Event Centre Opens: 9.00am
First Starts: 10:30am
Last Start: 1:32pm
Course Closure: 4:30pm

Area



Planner Jamie Stewart (Orienteering Hutt Valley)

Controller Bill Edwards (Orienteering Hutt Valley)
WRE IOF Advisor: Gillian Ingham (Orienteering Wellington)

Land Owners/ Managers	Ernslaw One Limited
Terrain	<p>The terrain is typical Manawatū sand dune pine forest. The majority of the forest is runnable although both the runnability and visibility of white forest is variable and the ground is often soft underfoot. Longer courses will visit two main significantly slower areas with reduced visibility. An area in the NE of the map contains patches of blackberry and toi toi. These can be circumnavigated, but still slow progress significantly. The areas mapped as dark green here also contain gorse. Closer to the event centre, the second block of slower forest contains many thinnings.</p> <p>Areas marked with green stripes usually contain decaying logs but are otherwise passable.</p> <p>In the southern half of the map there is an area where there are several lines of rotting logs in the forest. Where these impede progress they are mapped as linear regions of fine brown dots.</p> <p>There are a number of trail bike tracks on the map. Mapped tracks are those that appear to remain constant, but there are further unmapped tracks which have appeared since mapping was completed. The mapped tracks are generally easy to follow but may not be noticed if crossed at right angles.</p>
Footwear	Orienteering shoes, with or without spikes.
Event Centre	<p>Location: The event centre is between 600 m and 1 km from parking. The forest alongside the route to the event centre is out of bounds, though the forest adjacent to the car parking area is not (within reason). While walking to the event centre, please give way to runners who may be crossing the route.</p> <p>Start: The pre-Start is 500m from the event centre along flat tracks. It is possible that runners may cross the route from the event centre to the Start; do not distract them in any way.</p>
Event Information	World Ranking Event for M/W21E
Map Scale and Contour interval	1:10,000 and 1:7,500. 2.5m
Starts	From 10.30am. The starts are located in a narrow gap between the trees. You will be asked to line up in course order to proceed through the start boxes to the start.

Quarantine information	There is no official quarantine for the World Ranking Event and you are free to move around the event centre. However, all Elite athletes must have left the event centre for the start by 11am for M21E and 11.30 for W21E.
Warm-up Area	The track to the start can be used for warming up but there is also an area of forest at the pre-start which can be used. This will be bounded by tapes.
Finish	Finish is located at the Event Centre.
Toilets	Toilets are located at the Event Centre.
Out of Bounds	After leaving the parking area, all forest is out of bounds except within the taped area at the event centre and the taped warm up area at the start.
Course Notes	<p>All red courses will follow a taped route through the event centre at least once. You MUST follow the taped route or you will be disqualified.</p> <p>Due to COVID-19, there are no drinks on the courses. However, tables will be provided next to the run-through on Courses 1-9 for you to leave your own named drink bottle. Course planning should allow this to provide sufficient hydration. Courses 1-3 pass through the run-through more than once. Runners may wish to leave more than one bottle.</p> <p>On Course 14, pink streamers will be used to tape parts of some routes. These will be used, for example, where there are unmapped trail bike tracks which might confuse.</p>
Safety Bearing	From North of the Event Centre, go South to Road 4. From South of the Event Centre, go North to Road 4. The Event Centre is located on Road 4.
Hazards	<p>Bees: There have been numerous bee hives on road junctions in the forest over winter. As of writing, most of these have now been moved to their summer locations, but if there are still any in the forest on the day of the event there will be a notice at the event centre.</p> <p>NB. There are hives located between the carparking and the Event Centre, please take care when moving between these two locations.</p>



Trail Bikes: There is a possibility that may be trail bikes in parts of the forest. Listen carefully for these and give way if necessary.

Forest hazards: Normal forest hazards such as spiky vegetation, fallen logs and branches and soft or rotten vegetation are present in the forest. Take usual precautions.

Course Closure 4:30pm

Course	Technical level	Length (km)	Climb (m)	Controls	Scale	Men	Women
1	Red	14.5	150	37	1:10000	M21E	
2	Red	10.8	105	29	1:10000	M20A M21A M35A	W21E
3	Red	8.9	90	25	1:10000	M18A M40A M45A	
4	Red	7.2	75	21	1:10000		W20A W21A W35A
4a	Red	7.2	75	21	1:7500	M50A	
5	Red	6.8	70	16	1:10000	M16A M21AS	W40A W45A
5a	Red	6.8	70	16	1:7500	M55A	
6	Red	5.6	55	17	1:10000		W18A
6a	Red	5.6	55	17	1:7500	M60A	W50A
7	Red	5	50	18	1:10000		W16A W21AS
7a	Red	5	50	18	1:7500	M40AS M65A	W55A
8	Red	4	40	14	1:7500	M70A M75A	W40AS W60A W65A
9	Red	2.8	30	12	1:7500	M80A	W70A W75A
10	Red	2.3	25	9	1:7500	M85A	W80A W85A
11	Orange	4.5	45	10	1:7500	M14A M16B M18B M20B M21B	W21B W20B
12	Orange	3.5	35	8	1:7500	M40B	W14A W16B W18B W40B
13	Yellow	2.6	25	10	1:7500	M12A M14B Open Easy	W12A W14B
14	White	2.3	20	13	1:7500	M10A M12B M/W10N Open Very Easy	W10A W12B

New Zealand Middle Distance Championships

Waitarere NW – SUNDAY, 25 OCTOBER 2020

Map

Waitarere North West
Mapped by Russell Higham (2020)

Location

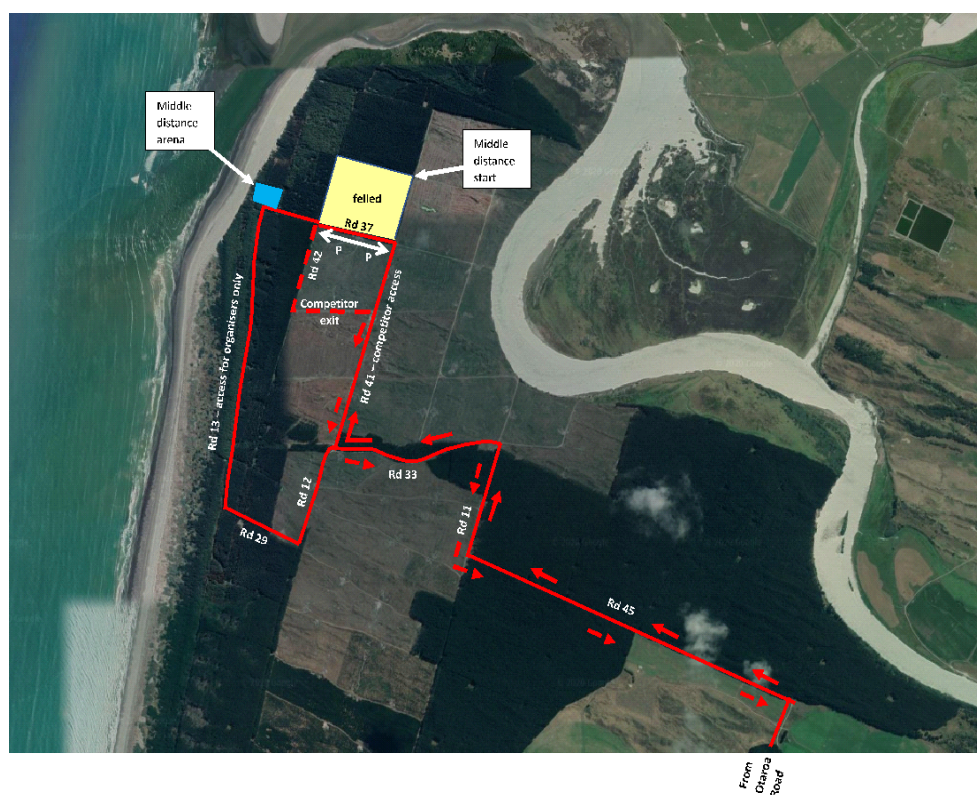
Driving directions:

From the north – follow SH1 south from Foxton. Approximately 1.6 km after crossing the Manawatū River, turn right into Oturoa Road. Follow Oturoa Road for approximately 2 km. At a sharp left bend, turn right (effectively straight on – take care at this junction) and follow signs into the forest. Distance from the forest gate to parking is about 5 km.

From the south – follow SH1 north from Levin. Approximately 4.5 km north of the Waitarere Beach turning, turn left into Oturoa Road and follow directions as above.

Please drive with lights on in the forest.

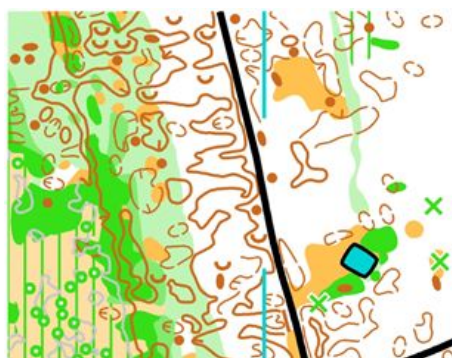
Parking: As directed along forest roads (see map below).



Timings	<p>Event Centre Opens: 9:00 am</p> <p>First Starts: 10:30am</p> <p>Last Start: 12:35pm</p> <p>Course Closure: 2:30pm</p>
Planner	Yvette Baker (Orienteering Wellington)
Controller	<p>Malcolm Ingham (Orienteering Wellington)</p> <p>WRE IOF Advisor: Gillian Ingham (Orienteering Wellington)</p>
Land Owners/ Managers	Forest Enterprises
Terrain	<p>Description: Principally mature radiata pine and macrocarpa on intricate sand dunes. Longer courses will also encounter an area of rougher, low visibility forest.</p>

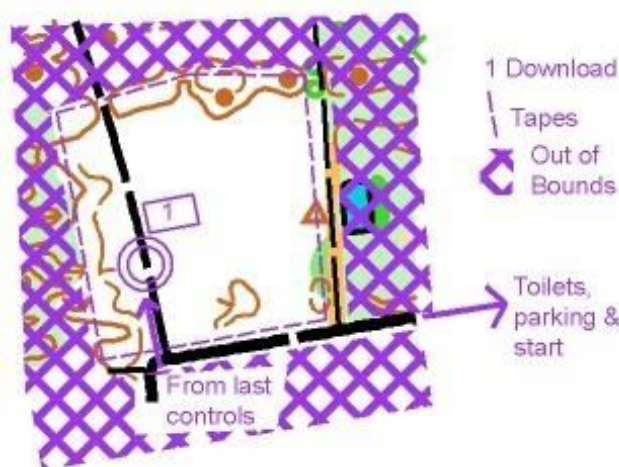
Mapping notes:

- (1) Some areas of low visibility have very low, spiky branches. You may wish to consider eye protection;
- (2) There is one area with a dense network of trail bike tracks, these are generally stable and have been mapped. However, random additional tracks may appear after the final map update;
- (3) There are some areas in the forest where the floor covering is windblown sand. This is very distinct on the ground but is not marked on the map.



Recommended gear	Full body cover, orienteering shoes, whistle.
Event Centre	<p>The event centre is between 300 and 750 m from parking. Both sides of the track (Road 37) to the Event Centre are strictly out of bounds. A map of the Event Centre is shown below. Please stay within the taped area unless you are on your way to/from parking or the start. Toilets will be located between the Event Centre and parking.</p>

Registration and first aid is at the event centre.



Event Information	World Ranking Event for M21E and W21E
Map Scale	1:10000, 1:7500, 1:5000
Contour interval	2.5 m
Starts	1200 m from the event centre. It is possible that runners may cross the route from the event centre to the start; do not distract them in any way.
Quarantine information	There is no official quarantine for the World Ranking Event and you are free to move around the event centre. However, all Elite athletes must have left the event centre for the start by 10.45am.
Warm-up Area	Forest roads adjacent to and on the way to the start.
Finish	Finish is located at the Event Centre.
Toilets	Adjacent to the parking areas
Out of Bounds	All forest areas, including newly established plantings, between the Event Centre/parking and the Start are out of bounds.
Safety Bearing	From North of the Event Centre, go South to Road 37. From South of the Event Centre, go North to Road 37. The Event Centre is located on Road 37.
Hazards	Low branches: Some areas of macrocarpa forest have very low, spiky branches. Competitors may wish to consider eye protection. Trail bike activity: There is a possibility that may be trail bikes in parts of the forest. Listen carefully for these and give way if necessary.

Course	Technical level	Length (km)	Climb (m)	Controls	Scale	Men	Women
1	Red	5.5	85	20	1:10000	M21E	
2	Red	4.9	75	19	1:10000	M20A M21A M35A	W21E
3	Red	4.7	70	18	1:10000	M18A M40A M45A	
4	Red	4.4	70	15	1:10000		W20A W21A W35A
4a	Red	4.4	70	15	1:7500	M50A	
5	Red	4.0	60	15	1:10000	M16A M21AS	W40A W45A
5a	Red	4.0	60	15	1:7500	M55A	
6	Red	3.4	60	14	1:10000		W18A
6a	Red	3.4	60	14	1:7500	M60A	W50A
7	Red	3.1	50	13	1:10000		W16A W21AS
7a	Red	3.1	50	13	1:7500	M40AS M65A	W55A
8	Red	3.0	45	14	1:7500	M70A M75A	W40AS W60A W65A
9	Red	2.5	40	11	1:7500	M80A	W70A W75A
10	Red	2.3	35	10	1:7500	M85A	W80A W85A
11	Orange	2.5	40	11	1:7500	M14A M16B M18B M20B M21B	W21B W20B
12	Orange	2.4	40	10	1:7500	M40B	W14A W16B W18B W40B
13	Yellow	1.9	15	9	1:5000	M12A M14B Open Easy	W12A W14B
14	White	1.8	5	11	1:5000	M10A M12B M/W10N Open Very Easy	W10A W12B

New Zealand Sprint Distance Championships

Horowhenua Showgrounds – MONDAY, 26 OCTOBER 2020

Mapped by Malcolm Ingham (Orienteering Wellington) and Russell Higham (Red Kiwis)

Location Levin Showgrounds

Driving directions from South of Levin:

From Highway 1, just after entering Levin, turn left into Mako Mako road, then look for parking after the second road on the right. (Sussex Street)

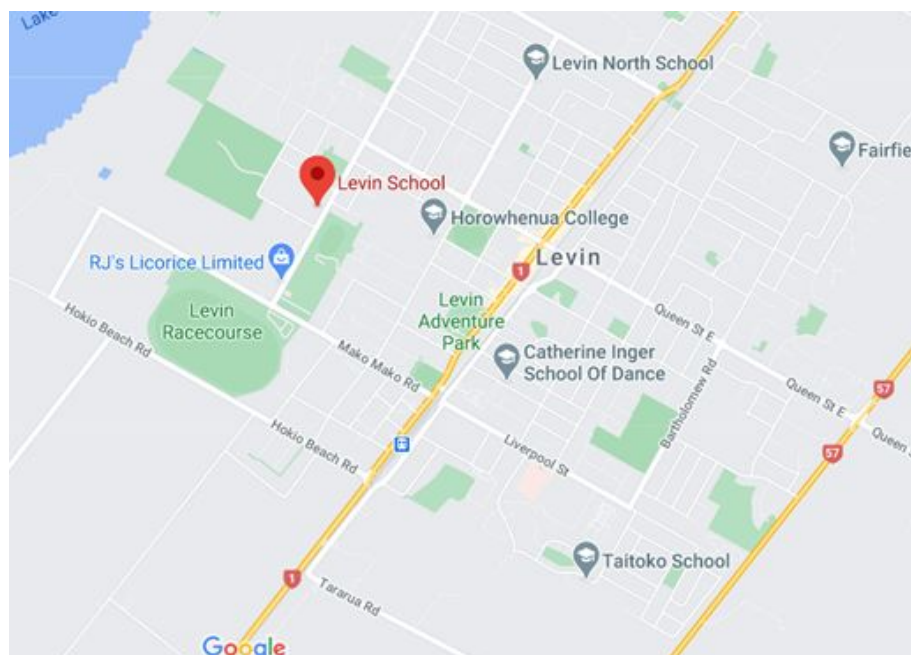
Driving directions from North of Levin:

Continue south along Highway 1 through Levin, then turn right into Mako Mako road (it's the third road on the right after the adventure Playground). Look for parking after the second road on the right. (Sussex Street)

Parking is along Tiro Tiro Road South of Collingwood Street, along Mako Mako Road (South of the Showgrounds), and Collingwood Street between Levin Intermediate School and the Showgrounds.

The section of Tiro Tiro Road between Collingwood Street and Grenville street is out of bounds to drivers for the duration of the event, as this is where the manned road crossing is.

Area



Location Map

Timings	<p>Event Centre Opens: 9:00am</p> <p>First Starts: 10:30am</p> <p>Last Start: 12.15pm</p> <p>Course Closure: 1:15pm</p>
Planner	Simon Teesdale (Orienteering Wellington)
Controller	Alan Horn (Orienteering Wellington)
Land Owners	Horowhenua A&P Showgrounds, Horowhenua College, Levin School and Levin Intermediate School
Terrain	A mix of areas of highly intricate building details interspersed with fast open fields, and some surprisingly technical blocks in the showgrounds.
Footwear	Racing flats, unless it has rained recently, in which case a small amount of grip on grass and concrete will help.
Event Centre	<p>The event centre is situated around the grandstand in the showgrounds. Access is through a gate from Tiro Tiro Road. The rest of the showgrounds are out of bounds for the event, except for the walk to the start for Courses 1-4. There is a 900 m walk to the Start for Courses 1-4, and a 200 m walk to the Start for Courses 5-10. Both starts will be signposted.</p>



Event Information	<p>There is a manned road crossing on all courses (and twice on Courses 1-4), this will be an untimed leg and for technical reasons, everyone will have a time of 0.1 seconds for that leg. You must walk safely across the road to allow time for your SI to be ready to register the control on the other side.</p>
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In addition, Courses 1-4 have 30 controls. Some SI chips will not record more than 30 controls, so if you have an SI version 5 or 8 card then take care not to accidentally punch any extra controls.

Map Scale	C1 to C4: 1:4000 C3a, C4a, C5 to C10: 1:3000
Contour interval	2.5m Contour Interval
Starts	From 10.30am
Warm-up Area	Around the Event Centre, and along the roads to the Starts.
Finish	Next to the Event Centre.
Toilets	Portaloos will be available in the event centre and at the start at Horowhenua College.
Out of Bounds	The showgrounds (apart from the event centre and the signed route to the Start), Horowhenua College, Levin School and Levin Intermediate School.
Mapping Notes	<p>There are several playgrounds on the map where there is too much detail to map accurately. In these places, there are several man-made objects marked to indicate the general layout of the playground. No controls are in these playgrounds, and running should not be hindered by them.</p> <p>Courses 1-5, 8 have a map flip. Courses 6, 7, 9, 10 do not.</p> <p>In the NW corner of the netball courts in Levin Intermediate School is a very narrow gap in the fence (and mapped as a gap). Most people will be able to get through it sideways but it will slow you down. Other routes are available.</p> <p>Some courses have 30 controls. Be careful to not punch extra controls if you have an older model SI5 or SI8 card.</p>
Hazards	<p>There are many blind corners and runners must take care at these places to avoid others running the opposite way. There are also several gates which most courses will pass through at least once.</p> <p>There is a manned compulsory road crossing (on a pedestrian crossing) that everyone crosses once or twice. This will be an untimed leg and for</p>

technical reasons, everyone will get a time of 0.1 seconds for that leg. Your splits printout will however show this leg with your actual time.

C1 to C4 have to pass through a partially dismantled fence when leaving the college grounds - you need to duck through a wooden structure.

Course
Closure

1:30pm

Course	Technical level	Length (km)	Climb (m)	Controls	Scale	Men	Women
1	Red	4.0	0	30	1:4000	M20, M21E	
2	Red	3.3	0	30	1:4000	M16, M18	W20, W21E
3	Red	3.3	0	30	1:4000	M21A, M35, M40, M45	W16, W18
3a	Red	3.3	0	30	1:3000	M50	
4	Red	3.1	0	30	1:4000		W21A, W35, W40, W45
4a	Red	3.1	0	30	1:3000	M55, M60	W50
5	Red	2.2	0	24	1:3000	M21AS, M65, M70	W55, W60
6	Red	1.6	0	18	1:3000	M75	W21AS, W65, W70
7	Red	1.7	0	17	1:3000	M80, M85	W75, W80
8	Orange	2.2	0	23	1:3000	M14, M21B	W14, W21B
9	Yellow	1.7	0	20	1:3000	M12, Open Easy	W12, Open Easy
10	White	1.2	0	15	1:3000	M10, MW10N	W10, MW10N

FUTURE EVENTS

Regional Champs/Brighthouse Trophy events

All of the ONZ Brighthouse Trophy events are very close together this year, so take the opportunity to attend as many of these as you can!

Nationals 24-26 October

Auckland Champs November 7-8. <https://www.orienteering.org.nz/events/>

South Island Champs 14-15 November

<http://papo.org.nz/series/view/17/south-island-%26-canterbury-champs-2020> and

Pokapu (Central) Champs 28-29 November

<https://www.orienteering.org.nz/events/pokapu-central-regional-middle-distance-champs/>

Southern O Week 2021



Peninsula and Plains Orienteers, as well as Nelson and Marlborough Orienteering Clubs are excited to be inviting orienteers from around NZ to enjoy a series of high-quality orienteering events in January. Although no longer the Oceania Championships these events will offer a great orienteering experience for all! The events will start in Marlborough on Sat 9 January in Blenheim with a sprint morning and then a sprint relay in the afternoon. The middle distance event will be on the Sunday 10 January in Ward. The rest of the maps will be on Thursday 14 to Sunday 17 January in Christchurch using a variety of sand dune and sprint maps.

<http://papo.org.nz/news/southern-o-2021/>

Nationals 2021



North West Orienteering club is gearing up for a compact, intimate event, with limited travel distances between the different race venues. Details regarding collective camping (almost) on site will be announced over the months ahead. Those looking for alternative accommodation are recommended to look for options in and around [Helensville](#), while affordable group accommodation can be found at [Houghtons Bush camp](#) near Muriwai. The Sprint event is planned for the North Shore of Auckland, the remainder of the events will take place on new and existing areas on South Head, part of the amazing Kaipara Harbour north of Auckland.

<https://www.nwoc.org.nz/nzoc2021/>