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## NEW ZEALAND SECONDARY SCHOOLS ORIENTEERING CHAMPIONSHIPS

Te Whakataetae Awhe Ararau o Ngā Kura Tuarua o Aotearoa

23 – 25 July 2021

BULLETIN

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TIMETABLE	
<b>FRIDAY 23 JULY 2021 – Individual Sprint Championships</b>	
<b>1.00 pm</b>	Registration opens
<b>2.00 pm</b>	First starts
<b>4.00 pm</b>	Maps available for collection (after last start)
<b>4.30 pm</b>	Prizegiving for Sprint (approx. time)
<b>4.30 pm</b>	Course closure
<b>SATURDAY 24 JULY 2021 – Individual Long Championships</b>	
<b>9.30 am</b>	Registration opens
<b>10.30 am</b>	First starts
<b>1.00 pm</b>	Maps available for collection (after last start)
<b>1.30 pm</b>	Casual starts until 2.30 pm
<b>2.00 pm</b>	Relay teams to be submitted to Registration
<b>3.00 pm</b>	Prizegiving for Long (approx. time)
<b>3.30 pm</b>	Course closure
<b>SUNDAY 25 JULY 2021 – Team Relay Championships</b>	
<b>8.30 am</b>	Registration opens
<b>9.15 am</b>	Composite teams meet at registration
<b>9.45 am</b>	Relay briefing
<b>10.00 am</b>	Relay starts from 10.00 am (see relay details page for start times for classes)
<b>11.00 am</b>	Mass start time for all leg 2 runners not yet started
<b>11.30 am</b>	Mass start time for all leg 3 runners not yet started
<b>1.00 pm</b>	Maps available for collection
<b>1.30 pm</b>	Course closure
<b>1.30 pm</b>	Prizegiving for Relay (approx. time)

## Welcome to NZSSOC2021

Welcome to the New Zealand Secondary Schools Orienteering Championships 2021 for Years 9-13, and incorporating Years 7-8 students. This event is officially sanctioned by School Sport New Zealand. After the difficult decision of having to postpone and then cancel the event in 2020 due to COVID-19, we are looking forward to great orienteering for the three days of the Championship Event in 2021. To all participants, we hope you enjoy the courses which have been designed to be enjoyable for the novices and challenging for the more experienced, the competition against your fellow students, and the camaraderie throughout the weekend. For those of you relatively new to the sport we hope you take part in more orienteering events in the future as a result of your experiences at this Championship Event. To team coaches, managers and supporters, thank you for your commitment in organising your teams and we hope you enjoy the carnival spirit of the events and your time in Hawke's Bay.

We have over 350 competitors from more than 60 schools, with many of the top school age students from both the South Island and North Island attending. This will make for an exciting competition and great viewing, as spectator legs have been included in most courses. For parents and friends at home there will be live results available on O-Lynx for all three events: [www.o-lynxlive.com](http://www.o-lynxlive.com).

All participants, team coaches and managers are expected to have read this bulletin. Additional information which becomes available during the event will be placed on the noticeboard beside the Registration Caravan at the Event Centre for each day. Updates will also be uploaded to the website as soon as we are able. Wifi is available at the Sprint but there is limited coverage at the Long and Relay Event Centres.

As always, those involved in organising and running this event are volunteers, giving up their time to encourage and support the development of the next generation of orienteers. We are very thankful for their generosity in volunteering to support this event.

In particular, Hawke's Bay Orienteering would like to acknowledge and thank the Hastings District Council and the Awapai Farm landowners, the Beamish family and the Farm Manager, James Mead, for the use of their properties enabling us to host this NZ School Championship event.

We hope you enjoy your three days of competition in Hawke's Bay!

## INFORMATION

NZSSOC2021 is organised and hosted by the Hawke's Bay Orienteering Club (HBOC). The event website [www.hborienteering.com/nzssoc2021](http://www.hborienteering.com/nzssoc2021) is the main source of information for this Championship Event. This Bulletin, HARM forms, Start times, Results and additional resources can be downloaded from this website. For any updates for this event refer to this website.

**This Bulletin is a must-read for all competitors, team managers and coaches!**

**Please note that this event will only proceed if all of New Zealand is at COVID-19 Alert Level 1.**

## CONTACT

Please direct all enquiries to:

[schools@hborienteering.com](mailto:schools@hborienteering.com)

Cryn Russell 0273116942





## MAYOR'S OFFICE

**Welcome to Hastings, Hawke's Bay**

As the Mayor of Hastings, it is my absolute pleasure to welcome you all to the New Zealand Secondary School Orienteering Championships 2021 being held in Heretaunga Hastings.

Hastings is proud to host this three-day event which attracts up to 500 competitors from around New Zealand. This wonderful opportunity for you to compete against your peers while experiencing our beautiful District.

I hope you and your supporters, coaches, family and friends can make the most of your time in Hastings and take time to visit our superb attractions such as our parks, playgrounds, beaches and our many wineries, cafes, restaurants and our vibrant city centre.

I trust you will thoroughly enjoy your time in Hastings and we look forward to welcoming you back in the future.

Good luck and best wishes with the competition.

Yours sincerely

A handwritten signature in black ink, appearing to read 'Sandra Hazlehurst'.

Sandra Hazlehurst

**Mayor**

**Hastings District Council**

**HASTINGS DISTRICT COUNCIL**  
207 Lyndon Road East, Hastings 4122  
Private Bag 9002, Hastings 4156  
Phone 06 871 5073 | [www.hastingsdc.govt.nz](http://www.hastingsdc.govt.nz)  
**TE KAUNIHERA O HERETAUNGA**



## NZSSOC2021 - INFORMATION

Date	Event	Location
<b>Friday 23 July</b>	NZSSOC2021 Sprint, A status ONZ	Splash Planet
<b>Saturday 24 July</b>	NZSSOC2021 Long, A status ONZ	Awapai
<b>Sunday 25 July</b>	NZSSOC2021 Relay, A status ONZ	Awapai

### Previous Maps

Previous maps of the embargoed areas are provided on the [NZSSOC2021 Event Website](#). On the day of the competition, the use of any map of the competition area by competitors or team officials is prohibited until the last participant has started.

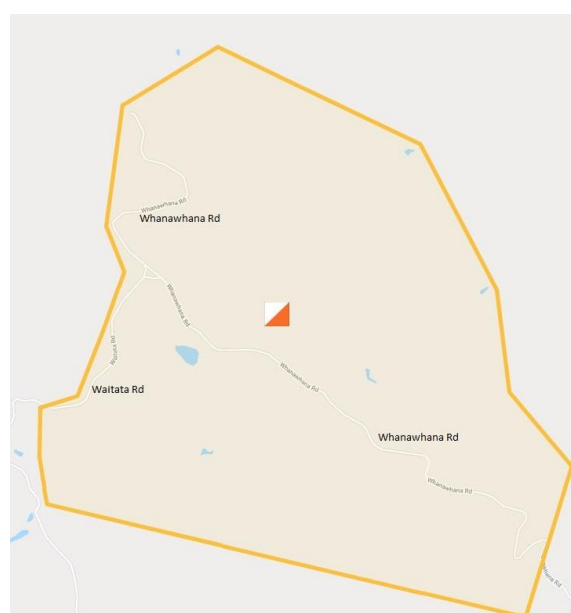
### Embargoed Areas

Three areas are embargoed for the NZSS Orienteering Championships 2021 to be held in Hawke's Bay 23-25 July 2021. Any attempt to survey, train or carry out a navigational activity in the competition terrain illustrated below is forbidden unless explicitly permitted by the organiser. Attempts to gain any information related to the courses, beyond that provided by the organiser, is forbidden before and during the competition. All of the above embargoes are in accordance with the NZ Foot Orienteering Rule: [ONZ Rules](#), Terrain - 14.3, 14.4 and Fair Play 26.5.



### Sprint

The embargoed area includes Splash Planet and Windsor Park. From 1 March 2021 until the start of the sprint on Friday 23 July 2021.



### Relay and Long

From 1 March 2021 until the start of the long course on Saturday 24 July 2021 the area covered by the map known as Awapai - the map is both sides of Whanawhana Road, northwest of Kohatunui Road as far as Waitata Road. All land on either side of the road is embargoed. Following the Long course competitors must not venture back into the map region before the Relay on Sunday 25 July 2021.



**Dogs are not allowed at any of the event sites. This includes the parking areas and in cars.**

## Event Centres

Each race will have an Event Centre which will incorporate Registration, Toilets, First Aid, Finish, interim O-Lynx results display, and a hot drink vendor and food for sale. There will be limited tent space available for competitors, so schools are encouraged to bring their own gazebos.

All NZSSOC2021 organisers and volunteers will be wearing fluorescent vests, for easy recognition.

Lost property can be handed in to Registration at the Event Centre.

## COVID-19

NZ COVID Tracer QR codes will be available at the Event Centres. We ask that people attending scan these for their own records or complete the Contact Tracing Register. If a competitor or supporter is unwell with a cough, fever, or other respiratory symptoms they should not be attending this event.

## Rules

This competition will be run in accordance with the [Special Rules for New Zealand Secondary Schools Orienteering Championships](#) (June 2020). These rules define the specific regulations pertaining to the New Zealand Secondary Schools Orienteering Championships (NZSSOC), especially where they deviate from the New Zealand Foot-O competition rules. Please direct any queries regarding rules during the events to the Event Controller.

## Fair Play

All competitors shall behave with fairness and honesty. Attempts to gain any information related to the courses, beyond that provided by the event organisers, is prohibited before and during the competition. You are not allowed to bring any previous maps along to the competition event centres. A competitor who breaks any rule, or benefits from the breaking of any rule, may be disqualified.

Note the embargoed areas published as part of the preliminary event notice.

## GPS Equipment

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.

## Team Managers

We'd like to thank the Team Managers involved in the organisation of all the student participants: thank you for your efforts, commitment, and support.

As a Team Manager, you have the job of being responsible for the well-being of all competitors under your care. The Team Manager can be the school sports coach, a school teacher or parent who is available at each event.

It is the responsibility of the Team Manager to make sure competitors are aware of the information contained on the NZSSOC2021 website and in this bulletin. Information is provided on directions to get to the venues, important information about starting and finishing procedures and, combined with the start time lists, when to be there. Each student should be at the competition venue at least 45 minutes before their start time. Team Manager, please direct parents and supporters to the NZSSOC2021 website for the most up-to-date information. Updates will be provided on the Noticeboard at the Event Centre and uploaded to the NZSSOC2021 website as soon as we are able to.

Managers, please check that your students are entered on the correct days, in the correct grade and with the correct SI number. Please report any changes required prior to the event to the organisers, [schools@hborienteering.com](mailto:schools@hborienteering.com). Any changes will be at the discretion of the Event Controller of the day.



It is the Team Manager's responsibility to notify the Event Organiser and Controller of any potentially serious personal health problems of a team member by completing a form for that purpose at Registration before their first start of the weekend. All participants are expected to be fit and well enough to compete. Participants are required to carry their own medication if required, e.g. inhaler for asthmatics, sweets for diabetics, epi-pen or adrenaline for those with severe allergies.

Any questions that you have for the organisers during NZSSOC2021 should be directed to the Registration officials. On-site commentary will be provided at each event. If you have information you need broadcasted, please see the Registration officials and they will arrange for this to happen.

## Registration

Team Managers are to collect the Registration Packs for schools, rather than individual students. The pack will include the start lists of participants from each school, hired SportIdent (SI) cards and relay registration forms for school teams and composite runners. The race pack will **not** include a printed copy of this Bulletin.

Registration	Opens
Friday Sprint	1.00 pm
Saturday Long	9.30 am
Sunday Relay	8.30 am

## Relay Teams

The relay team entry forms must be returned to registration by **2.00 pm on Saturday afternoon**. Changes after 2.00 pm Saturday will be at the discretion of the organisers (for example, in case of injury or illness).

For composite teams individual students from different schools that have selected to run in a composite team will be placed in teams of the same grade and gender. If you wish to make your own composite teams, please fill out the relay team registration form, but please ensure competitors run the grade they have entered into, otherwise there may not be enough maps. Relay event rules are provided on page 26.

## Whistles

It is expected that competitors carry a whistle for the Relay and Long events. These are not provided with the Registration Packs. Individual competitors must bring their own whistle to this event. It is recommended that all competitors name their whistle with a permanent marker. There are a limited number of whistles available for purchase at Registration.

## Compasses

It is expected that students will bring their own compasses.

## Out of Bounds

An 'Out of bounds' area is any area where a competitor is not allowed to be. 'Out of bounds' areas are described in the specific information relating to each day. Generally, any area away from the car park, Event Centre (registration/finish area), start area or the routes between these will be out of bounds unless you are on your course. This out of bounds restriction also applies to Team Managers and supporters.

## Spectator controls

There are spectator legs on courses for the Sprint, Long and Relay.

## Mobile phone coverage

There is reliable phone coverage at the sprint. There is limited cell phone coverage at the long and relay event centres, however there is cell phone coverage at the top of the hill (Eastern end of map - which is approximately 1.25 km along the road towards Hastings).

## Start Lists

The Start List will be posted on the NZSSOC2021 website before the event. Please check for updates prior to the event. A copy of the Start List will be available at Registration and at the Start for the Sprint and Long events.

## Electronic Punching System

The SportIdent (SI) electronic punching system will be used for all three events in accordance with the ONZ Policy on Touch-free punching: both regular SI cards and SI-Air cards (SIAC) can be used.

### Use of SI/SIAC Cards

Regular SI-cards and SIAC must be electronically cleared and checked before you start each race. Stations to clear and check SI-cards will be located at the pre-start and again in the start box. The check boxes also turn on SIAC cards. As you enter the start area, place your SI into the “clear” control unit. It will be clearly marked. Hold it there until you get a red light and a beep, confirming that your card has been cleared. Next, place your SI into the “check” control unit, to confirm that it is working properly.

At each control, either insert your SI-card into the control unit until the unit beeps and flashes, or pass your SIAC close to the control box and check that the SIAC beeps and flashes. If you punch an incorrect control, ignore it and continue to the correct control; the extra punch will be disregarded by the results software. It is essential that all controls on your course are visited *in the correct sequence*. For example if control 3 is missed and control 4 punched with your SI, you must go back and punch control 3 and then revisit and punch control 4 again before proceeding to control 5.

If the SIAC stops working in Air mode (no beep or flash), it can still be used like a regular SI card to punch each station.

If a control does not function (there is no beep and no flash) then use the pin punch attached to the control stand and punch on your map in one of the spaces provided. If you have pin punched any controls on your map you must hand the map in at the Finish and explain what you have done.

Competitors are responsible for punching their SI-card at each control using the punching device provided, and all controls must be visited in the correct order.

At the Finish, punch at one of the controls, or, when using SIAC, pass your SIAC card over one of the Finish controls and your elapsed race time stops. SIACs are automatically turned off at the Finish control. Proceed down the chute to the download station, which will read the information off your SI card and print out a sheet showing your course time and the split times between all controls.

Your SI/SIAC has a number that is related specifically to you as a competitor. They must not be loaned to anyone else during the event.

Hired SIs must be returned at the end of the final event. There will be a charge of \$100 (regular SIs) or \$150 (SIAC) to your school if these are not returned or are damaged.

### Control Codes

Each control is equipped with:

- one electronic punching station (SI unit). Some control sites with high traffic (eg, last control) may have two SI units.
- one backup needle punching device, only to be used if SI unit fails.
- a control flag.

The control code is located on top of the SI unit, or on the tag on the side – a two- or three-digit number. There are many controls in the competition terrain, so it is important to check the control codes when you punch. Some controls in busy areas (eg near the Start or Finish) might be “doubled-up”: two controls close together, both with the identical number. You only punch one of these.

Radio controls will be used at all three events. This makes no difference for competitors but enables the timing system to pick up “interim” times and gives spectators the ability to follow the race, comparing split times of competitors still on the course.



## Starting Procedure (Sprint and Long)

Both the Sprint and the Long event will be using a timed start: your time will start automatically at the published time. If competitors are late for their start their start time will not be adjusted, and will be taken from their published start time.

Follow the marked route to the start area. It is recommended you arrive at the start area at least five minutes before your call-up time. The competition area is out of bounds until your start time. Distances to the start are specified for each race.

Competitors should be prepared by knowing their start time and course number. It is not intended to read out all instructions at the start other than any last minute details and a reminder of the hazards on the course. It is the competitor's responsibility to ensure that they are familiar with the information contained in this bulletin about the hazards at the events and any other relevant information.

The prestart area has Clear and Check boxes and SIAC battery check boxes. The check boxes also turn on SIAC cards. An additional set of check boxes will be located in the starting boxes. Only enter the prestart area a few minutes before your call-up time.

In the Start area, competitors will pass through four consecutive starting boxes, staying one minute in each. At the start area a clock will display the call-up time, this clock is set four minutes ahead of actual time. Competitors will enter the first box when their start time is displayed on the call-up clock.

Pre-start (minutes)	-4	-3	-2	-1
Clear & Check	Late start lane			
	Name, SI check	SI check and safety information	Collect control descriptions	Collect Maps

- **-4 minutes:** Competitor call-up. Name, SI, and starting time are checked. Competitors without an SI will not be allowed to start. It is expected that competitors carry a whistle for the Long and Relay event.
- **-3 minutes:** Each competitor inserts their SI into a Check box and will be told any additional safety information.
- **-2 minutes:** Loose control description sheets are available for competitors to pick up (optional). Control descriptions are also printed on the map.
- **-1 minute:** The competitor stands beside the map issue box labelled with their correct course and class. The start-countdown will be indicated by a series of 5 beeps at -4 to 0 seconds. At the last beep the competitor's race time begins and the runner can take the map from the map box. The competitor is responsible for taking the correct map. As this event is a timed start event, there is no start punch.

Competitors will then follow the marked route to the start triangle which is indicated by a flag (without an SI punching unit) in the terrain and represented by a triangle on the competition map.

## Starting Procedure (Relay)

All runners should listen carefully to the briefing at 9.45am before the mass starts begin at 10.00am. First leg runners must attend the briefing ready to run. There will not be time after the briefing to collect your SIs, compasses, whistles or shoes! Mass starts will occur for each class at times shown in the Relay information. Be ready to enter the start box as soon as the previous class has started.

As you enter the changeover area, ensure you clear and check your SI. Please ensure you use the SI assigned to the correct competitor on the correct leg. Remember your whistle!

## Late Start Procedure

Competitors who arrive to the start late must report to the late start lane where a starter official will accompany them. Control descriptions and the competition map will be handed over by a starter official, and the competitor

will then start the race when told to do so (ONZ Rules 22.8 & 22.9).

ONZ Rule 22.8. Competitors who are late for their start time must be permitted to start. Their new start time must be recorded.

In a mass or chasing start, the competitor shall be started as soon as possible.

In an interval start, if the competitor is at the start line less than half the start interval after their start time, they shall start immediately.

In an interval start, if the competitor is at the start line more than half the start interval after their start time, they shall start at the next available half start interval.

ONZ Rule 22.9. Competitors who are late for their start time through their own fault must be timed as if they had started at their original start time. Competitors who are late for their start time through no fault of their own must be timed from their new start time. The controller determines which start time will apply.

## Finish and Download

The Finish is in or near the Event Centre for all three events. All competitors, including those competitors who do not complete the whole course, are required to punch one of the Finish control boxes at the Finish. If for any reason you decide not to finish your course you **MUST** punch the finish control and complete the download process. **All competitors must report to the finish, even if they do not complete the course.**

Runners who do not punch the Finish will be considered as missing, resulting in a search for this competitor. If a competitor is unable to come to the Finish for whatever reason, the Team Manager is responsible for notifying the download team with specific information regarding the competitor who is unable to finish the race. This lets the organisers know and avoids initiating the 'lost person procedures' for that competitor.

Times will be recorded as you punch the finish control. Please continue to the Finish Tent to download your SI and hand in your map. If you have had a control station failure and clipped your map instead, tell the download official and your map will be taken for review. Officials will consult with the Event Controller who will assist to resolve the issue as soon as is practical.

All maps will be collected at the Finish in all races until the last competitor has started. Maps may be reclaimed from a designated location near the Finish only after the last competitor has started.

## Lost or Late Competitors

**DO NOT START YOUR OWN SEARCH!** Organisers know who is or isn't out on the course at any given time. Report to Registration and the Event Controller will initiate any action.

## Competition Maps

Competition maps for NZSSOC2021 will be digitally printed on synthetic waterproof paper (Teslin). Plastic bags will not be provided. The maps are produced using the current International Specification for Orienteering Maps (ISOM), or the current International Specification for Sprint Orienteering Maps (ISSprOM). Maps are pre-marked with control descriptions printed on them.

## Control Descriptions

Control descriptions on the maps will be in text or symbol format, depending on the grade and the course. International control descriptions (symbols) are printed on the map for the Senior Championship courses. All other courses have text descriptions on the map.

Loose control descriptions will be available for the Long and Sprint events. Use of symbols or text will be the same as for the maps except for the Long Senior Standard and Intermediate

Course	Text format	Symbol format
<b>Sprint</b>	Year 7/8 Junior Intermediate	Senior
<b>Long</b>	Year 7/8 Standard & Championship Junior Standard & Championship Intermediate Standard & Championship Senior Novice and Standard	Senior Championship
<b>Relay</b>	Year 7/8 Junior Intermediate	Senior

Championship courses where competitors can choose loose descriptions that have symbols or text. There will be no separate control descriptions for the Relays.

## Course Closure

The course closure for each day is noted in that day's event information. Those times notwithstanding, competitors for the Long course will be timed out after two hours. In other words, if you are still out on a course two hours after starting, you must return to the finish and the finish control, despite not having completed the whole course.

Course Closure	Time
<b>Friday Sprint</b>	4.30 pm
<b>Saturday Long</b>	3.30 pm
<b>Sunday Relay</b>	1.30 pm

## Results

Enquiries regarding finish times and disqualifications should be directed to the Event Controller who will assist to resolve the issue as soon as is practical. Interim live results will be displayed on the O-Lynx screens at the Event Centre. This will include information from the radio controls updating competitors' progress on the course. Official results will be available on the results page of the [NZSSOC2021 website](#) and [Winsplits](#) as soon as possible after each event finishes.

Race commentary will provide news and results based on live feeds from O-Lynx radio controls, and as such will be unofficial times.

## Complaints and Protests

Protests will be handled in accordance with the Orienteering New Zealand (ONZ) rules. Before a protest is made, a complaint may be made to the Controller about an infringement of the rules or organiser's directions. A complaint shall be made in writing (on a form available from Registration) to the Event Controller as soon as possible, but within 60 minutes of the affected competitor finishing. A complaint is adjudicated by the Event Controller. The Controller's decision on a complaint shall be advised to the complainant, and displayed on the results board as soon as possible, within no more than 60 minutes of the complaint having been received.

If the complainant is not satisfied with the decision, a protest may be made against the Controller's decision. Any protest shall be made in writing to the Controller within 60 minutes of the Controller's decision about a complaint being advised to the complainant. The written protest needs to be accompanied by a fee of \$15, which will be refunded if the protest is upheld. A protest jury will be convened on the day, if required.

## Jury Members

**Sprint:** Russell Higham (Chair), Gillian Ingham, Carsten Jorgensen - reserves Jeff Greenwood, Malcolm Ingham.

**Long:** Russell Higham (Chair), Jeff Greenwood, Malcolm Ingham - reserves Gillian Ingham, Carsten Jorgensen.

**Relay:** Malcolm Ingham (Chair), Carsten Jorgensen, Jeff Greenwood - reserves Gillian Ingham, Phillip Herries.

## Prizegiving

The prizegiving for the Sprint and Long events will be at the completion of each event as scheduled (or earlier if possible). The prizegiving for the Relays and Overall Schools Competition will be held after the relays. Certificates will be awarded to all placegetters, medals awarded to championship placegetters and trophies to the winning boys' and girls' secondary schools.

Prizegiving	Approx.
<b>Friday Sprint</b>	4.30 pm
<b>Saturday Long</b>	3.00 pm
<b>Sunday Relay</b>	1.30 pm

The cups for the top schools competition will be presented at the relay prize giving on Sunday afternoon. Top School competition and previous results can be found on pages 30-31.

Trophy winners of NZSSOC2019 - please return these to Registration.

## Safety

All competitors and their supporters must read the safety information published in this NZSSOC2021 Bulletin and listen to the safety information that is given at the start briefing. Team Managers will also be expected to have read the HARM forms for each event. The Health and Safety Plans (HARM forms) for NZSSOC2021 can be accessed on the [NZSSOC website](#). Safety Plans and Hazards for each day will also be on display at the Event Centre.

It is expected that Team Managers make their competitors aware of the special hazards and safety bearings for each event. We have identified the most likely hazards that you will come across, but competitors are expected to exercise common sense around any obvious hazard. Landowners are not responsible for ensuring that any natural hazard or risk associated with orienteering as a recreational activity does not cause harm to competitors or spectators.

Competitors are expected to carry a whistle for the Long and Relay events. The distress signal is 6 short blasts, rest, then repeat. Do not use your whistle unless it is an emergency.

Competitors are expected to help anyone who is injured and requires assistance and alert the event officials to the emergency.

Lower body cover is recommended for the long and relay events. If it is very cold and/or very wet, the organisers may decide to make it compulsory for competitors to wear a polypropylene or wool thermal top, so please ensure all competitors bring these items with them to the event each day. If this is to be enforced it will be announced at the event, and competitors will not be allowed to start unless they are suitably attired.

## Known Hazards

A list of known hazards specific to each venue is available in the specific information for that day. Take particular care when walking from the parking areas to the Event Centre. For the Sprint, take care when walking from your parked car to the event centre in the urban environment, and especially when crossing streets. Watch for vehicles moving in and out of the Parking area. For the Long and Relay you may be walking from the carpark to the Event Centre along the road – watch for vehicles.

## First Aid

A First Aider will be on duty at the Sprint Event Centre with a first aid kit and ice. However, we also ask that you bring your own first aid kit and tend to minor injuries such as cuts and grazes yourself. For any injuries please complete an incident form with the First Aider on duty.

St John New Zealand / *Hato Hone Aotearoa* will be available at the Long and relay events thanks to FirstLight Community Foundation.



The closest hospital: Hawke's Bay Hospital 398 Omaha Road, Camberley, Hastings 4120, Ph 06-878 8109.

## Road Safety and Parking

NZSSOC2021 involves a significant amount of driving between the venues. We would like to remind everyone to drive carefully. The minor roads used to access Awapai are narrow and windy. At all times drive to the conditions. At Awapai Long and Relay events please follow the instructions by our volunteers in high-vis vests for carparking.

## Weather

The weather at this time of the year can vary, with daytime temperatures usually between 8 and 13°C. However, it could be wet and cold, so be prepared. In the event of bad weather thermal clothing may be required, and if it is very cold competitors who are inadequately clothed will not be allowed to start. Please also be prepared with extra water if it turns out to be a lovely sunny Hawke's Bay day.

## Clothing

Competitors and spectators are strongly advised to bring adequate warm and waterproof clothing to wear at all events. As this is a schools event, it is recommended that competitors wear your school's sports uniform. If the forecast is for very cold weather, please have suitable clothing such as a thermal layer to wear under your uniform. Make sure that you bring a change of dry clothes, including socks and shoes to change into after your course. All spectators should also bring warm wind and waterproof clothing. Gumboots or similar footwear is recommended for the Long and Relay Event Centres.

## Water

**Competitors must bring their own water.** Water will not be available at the Event Centres.

For the Long Event there is a water station on the yellow, orange and red courses at the spectator control(s) - located 60 - 75% of the way through the courses. Please use a new cup (provided) and place used cups in the rubbish bag.

## MapSport

Michael Wood will be selling orienteering equipment at the Sprint and Long events.

## Food and Drink

A coffee cart will be on site for each event. A sausage sizzle selling sausages and frozen juicies will be at each event as a fundraiser (Havelock North High School Sports team). Please note that EFTpos will only be available at the Sprint for the coffee cart, and cash will be needed for all other purchases at the three events.

## Toilets

There are public toilets or portaloos in close vicinity to the Event Centres.

## Fire

An open fire, smoking, vaping or the use of electronic cigarettes is forbidden at all events.

## Fences

All courses will cross fences. Always cross a fence beside a strong post. Try gently shaking the fence - before climbing. If it is wobbly, find a better place to climb it. Do not adjust gates. If the gate is closed do not open it, climb it at the hinged end. If you cause any damage to fences or gates, please help us by reporting it at the finish so we can repair it after the event.

## Rubbish

We're aiming for minimal to zero waste at the event, so please take home all rubbish with you at the end of each day. Our volunteer team and landowners would appreciate this!

## Dogs

Dogs are not allowed at any of the event sites. This includes the parking areas and in cars.

## Cancellations

The events will only be cancelled in extreme conditions or if COVID-19 Alert Level increases to Level 2 or greater. Situations that might lead to cancellation include extreme fire risk, extreme weather, loss of access, serious earthquake. A cancellation notice will be posted on [NZSSOC2021 website](https://nzssoc.co.nz/). An email will also be sent to all participants, using the email address provided as part of their entry, as soon as practical after the decision is taken.

## Photos

During the event, photos will be taken by HBOC volunteers in high-vis vests and published on the [HBOC Facebook page](#). Supporters may take photos from the Event Centre but are not allowed on the course or in Out of Bounds areas. If you would like to share your photos please contact the organisers at [schools@hborienteering.com](mailto:schools@hborienteering.com) who can upload them to the NZSSOC album on the HBOC facebook page.

## Filming

This year ONZ has the opportunity to film the NZSS Orienteering Champs. A professional film crew will be on site during the three-day competition. Filming will take place at many locations to capture racing action around the course, as well as general coverage at event centres and athlete interviews. The film crew will not be in a position to "not film" anyone during racing, but this will be done as any sporting filming is done. The crew seek approval before filming any personal interviews or comments. If you or your family are not willing to be interviewed, please let the film crew know if they do approach you.



## GPS Tracking

GPS tracking will be used in both individual events for the Senior Championship classes. The organisers will choose the athletes to be tracked and GPS bibs will be provided. Tracking will be available after the event and used as part of the video produced from filming.

## Public Races

Selected courses from the Long event will be open to the general public for casual entries. Team managers, coaches, supporters and spectators must pay at the Registration Caravan prior to their race and then register at the download tent to select their course before starting.

As NZSSOC2021 is a Championship event, and in fairness to all competitors, casual entries will only be able to start at least 30 minutes after the final school competitors have started. Casual entries will use a punching start. Results for these public races will be recorded separately, and will be published on Winsplits, but not on the monitors in the event centre.

Casual fees: \$10 per map, \$3 per standard SI hire, \$6 per SIAC hire. You must download upon returning to the Event Centre, regardless of how much of the course you completed.

Course closure times will be strictly adhered to, so you may not have long to complete your run!



## COURSES AND CLASSES

Competitors are divided into four separate classes based on their gender and current year level at school (refer to Eligibility in [Special Rules for New Zealand Secondary Schools Orienteering Championships](#)).

Senior:	Year 12 or 13 at school
Intermediate:	Year 10 or 11 at school
Junior:	Year 9 at school
Yr 7/8:	Year 7 or 8 at school

Classes for the individual Long Distance event are further subdivided on skill into Championship, Standard and Novice (Senior only).

Relay legs for Junior Teams have different levels of difficulty – Legs 1 and 3 are yellow; Leg 2 is white.

Courses and Classes are provided in the Table below.

	SPRINT	LONG CHAMPIONSHIP		LONG STANDARD		LONG NOVICE		RELAY	
	EWT	Difficulty	EWT	Difficulty	EWT	Difficulty	EWT	Difficulty	EWT (per leg)
Senior Boys	12-15	Red	45-50	Orange	35-40	Yellow	25-30	Orange	30
Senior Girls	12-15	Red	45-50	Orange	35-40	Yellow	25-30	Orange	30
Intermediate Boys	12-15	Orange	35-40	Yellow	25-30			Yellow	25
Intermediate Girls	12-15	Orange	35-40	Yellow	25-30			Yellow	25
Junior Boys	12-15	Yellow	25-30	White	20-25			Leg 1,3 Yellow Leg 2 White	20
Junior Girls	12-15	Yellow	25-30	White	20-25			Leg 1,3 Yellow Leg 2 White	20
Year 7/8 Boys	12-15	Yellow	25-30	White	20-25			White	20
Year 7/8 Girls	12-15	Yellow	25-30	White	20-25			White	20

EWT = Estimated winning time in minutes



## Our Shared and Your Personal Responsibility for Safety

### Expectations

It is each participant's responsibility to read this bulletin and all notices concerning hazards, risks, and recommendations to stay safe. Competitors should use common sense at all times, to ensure their own safety as well as those of others. Check for specific hazards for each race: this information is available on the special event website, this bulletin, and on the Hazards Board at Registration at each Event Centre.

Comprehensive Health and Safety plans are kept at Registration in the respective Event Centres.

Participation is at your own risk: It is the competitor and team manager's responsibility to ensure that a competitor is entered in a grade appropriate for their level of orienteering skill and experience. This particularly applies to the Long Championship event: the senior boys and girls championship courses are red level (difficult) orienteering.

### Keeping Yourself Safe

In addition, all participants are expected to obey the following sensible guidelines to keep yourself and others safe.

#### Personal safety

- Obey all instructions and warnings.
- Keep clear of out-of-bounds, unauthorised areas.
- Be careful around parked cars, especially when fellow participants are arriving and/or leaving the area.
- Wear clothing suitable for the weather conditions on competition day.
- Have a spare set of suitable warm, dry clothing available to change into after your race.
- Be suitably hydrated. Please bring your own drinking water to the Event Centres.
- Carrying a whistle is expected for the Long and Relay events. Use your whistle if you need urgent help because of an injury or distress. The recognised distress signal is a series of six short, sharp blasts on your whistle. Pause and listen for reply and repeat to allow people coming to your rescue to locate you. Only use your whistle in case of an emergency.
- Wear a watch and return to the Event Centre by course closure time, or if you have been on the course for more than two hours.
- To avoid initiating unnecessary searches after the event, all competitors MUST return to the finish and punch the finish control, even if they did not complete their course.
- Report any damage to equipment (cars, fences, walls, gates etc.) to the Event Officials or Controller as soon as possible after finishing.

#### Personal Health

- Be fit and well enough to compete.
- Carry personal medication at all times if required for a specific condition.
- Notify Registration of any potentially serious health problems by completing a form for that purpose at Registration before your first start. Registration will notify the First Aid Team and/or the Event Controller.

#### Everybody's Safety

- Competitors are expected to render assistance while competing to anyone who is injured, has blown their whistle, or who requires physical assistance. Please help out as needed and make event officials aware of the circumstances. The Event Controller will organise an appropriate solution, both for the person in distress and the competitor who interrupted their race to help out a fellow orienteer.
- If you hear repeated sounding of car horns, this means there is a major problem involving all participants and spectators. Abandon your race and return to the nearest road, and from there to the event centre, unless directed to another assembly point or exit route. Notify an event official you are safe.

#### Covid-19

NZ COVID Tracer QR codes will be available at the Event Centres. We ask that people attending scan these for their own records or complete the Contact Tracing Register. If a competitor or supporter is unwell with a cough, fever, or other respiratory symptoms they should not be attending this event.

## SPRINT CHAMPIONSHIPS

<b>Date</b>	Friday 23 July 2021
<b>Event Status</b>	A Level
<b>Planner</b>	James Watson
<b>Controller</b>	Murray Harty / Pamela Morrison (A Grade Controller)
<b>Map / Location</b>	Splash Planet
<b>GPS Coordinates</b>	-39.643389 176.862167
<b>Mapped by</b>	Ross Morrison
<b>Map Scale</b>	1:4000
<b>Contour Interval</b>	2.5 m
<b>Land Owners</b>	Hastings District Council
<b>Registration Opens</b>	1.00 pm
<b>Start Time</b>	2.00 pm
<b>Course Closure</b>	4.30 pm
<b>Prizegiving</b>	4.30 pm
<b>Levels</b>	All runners run Championship Grade

### Terrain

Intricate water-park terrain surrounded by open parks. Some courses will have route choice options where getting wet feet is possible – make sure you know which water is passable. Temporary barriers have been erected to enhance route choice; these are marked as an uncrossable wall on the map – there will be marshals on the course, runners seen to be crossing impassable features and out of bounds areas will be disqualified.

NO SPIKES to be worn.

### Directions to the Event Centre

The Event Centre is in the field west of Splash Planet on the corner of Sylvan and Grove Roads.

From the North:

Follow SH2 south towards Hastings, turn left at the roundabout onto Evenden Road. Turn right at the roundabout onto Pakowhai Road. Travel along Pakowhai Road turning onto Frederick St W (2<sup>nd</sup> Left). Continue on Frederick St for 2.8km until Sylvan Rd. Continue past Event Centre to parking.

From the South:

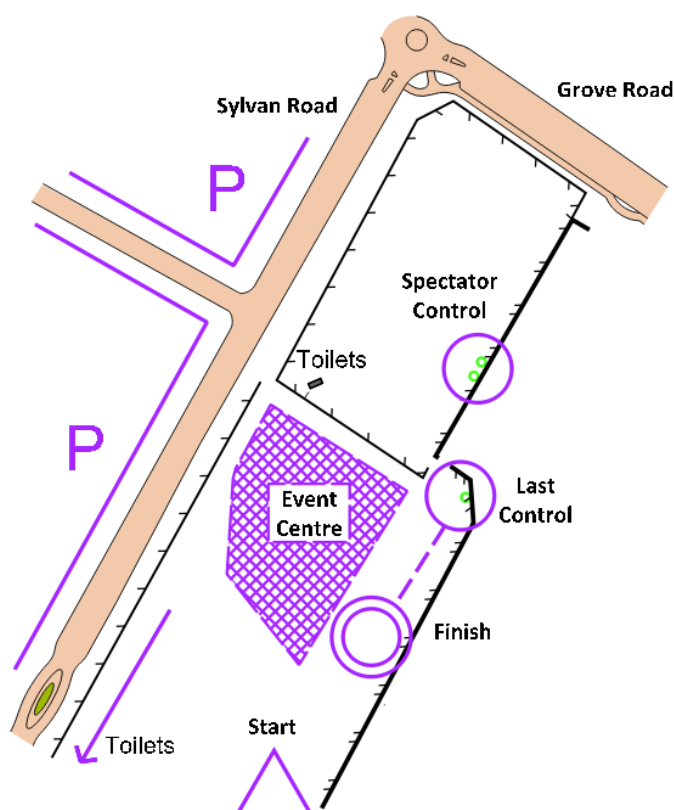
Follow SH2 until Paki Paki, continue straight through the roundabout onto Railway Road S. Travel north for 5.6km. Upon entering Hastings turn right onto Murdoch Road East (50k sign). Turn left onto Riverslea Rd S (end of road). Continue along until Heretaunga Street East (stop sign). Turn right onto it then left onto Sylvan Road (1<sup>st</sup> left). Follow Sylvan Road to parking.

### Parking

For all vehicles event parking is in the Harriers Carpark off Sylvan Road and on any road west of Sylvan Road. Do not park in the Splash Planet carpark or on Grove road. Follow signs to the Event Centre and toilets.

### Event Centre Details

Please stay in the Event Centre, carpark or start area or on the signposted routes between these areas. Please respect all out of bounds signage. The Event Centre has been situated to allow great spectator viewing of the Finish - feel free to make as much noise as you want! Splash Planet grounds are only to be entered during the competition, before and after your race the park grounds are strictly off limits. There will be limited shelter at the Event Centre so schools are advised to bring their own gazebos. There are public toilets available at the Event Centre.



### Start and Finish

The start and finish are located adjacent to the Event Centre.

### Warm-up Area

Competitors can warm-up on the field next to the Event Centre.

### Hazards and Safety

Be cautious when going around tight corners, as there may be runners coming the other way. If you choose to cross passable water areas be careful not to go swimming. If conditions are damp/wet some surfaces may be slippery.

### Safety bearing

North-West to the Event Centre.

### Course Details

The Sprint will take place in a relatively compact area and competitors can expect to see a lot of controls, including many that are not on their course. Competitors are advised to check their control codes carefully to avoid punching the wrong control.

Courses 1 through 6 have a flip map. This is when the courses are printed on both sides of the paper to enhance readability. When reaching the last control on side 1, flip the map and continue. A triangle will mark your present position, which is the start of your next leg. There is no triangle in the terrain.

**IMPORTANT:** Crossing points are not marked. A copy of a previous map version is available for download on the event website. Competitors should use this to become familiar with the tunnels and crossing points in the park.

Course	Classes	Distance* (km)	Climb (m)	Controls	Control Descriptions
1^	Senior Boys	2.7	25	22	Symbols
2^	Senior Girls	2.2	20	20	Symbols
3^	Intermediate Boys	2.2	20	17	Textual
4^	Intermediate Girls	1.8	20	16	Textual
5^	Junior Boys	2.0	20	18	Textual
6^	Junior Girls	1.7	15	15	Textual
7	Y7&8 Boys	1.7	10	15	Textual
8	Y7&8 Girls	1.6	10	15	Textual

^ Flip maps on courses for these classes.

\* Distance is measured in a straight line between controls.

## LONG CHAMPIONSHIPS

<b>Date</b>	Saturday 24 July 2021
<b>Event Status</b>	A Level
<b>Planner</b>	Kevin Harvey
<b>Controller</b>	Aiden Ellmers / Geoff Morrison (A Grade Controller)
<b>Map / Location</b>	Awapai
<b>GPS Coordinates</b>	-39.524435 176.411018
<b>Mapped by</b>	Stewart Hyslop, Pamela Morrison and Geoff Morrison
<b>Map Scale</b>	1:10,000 for orange and red courses 1:7,500 for white and yellow courses
<b>Contour Interval</b>	5 m
<b>Land Owners</b>	Beamish family; James Mead (Farm Manager)
<b>Registration Opens</b>	9.30 am
<b>Start Time</b>	10.30 am
<b>Course Closure</b>	3.30 pm Competitors will be timed out after two hours on the course and should return to the Event Centre.
<b>Prizegiving</b>	3.00 pm
<b>Levels</b>	Championship, Standard and Senior Novice Classes

### Terrain

Open farmland with rocks, cliffs and spur/gully contour details. Some areas of manuka/native bush coverage. Fences are not shown on red courses. Electric fences will be off. Orienteering shoes recommended.

### Directions to the Event Centre

Travel from Havelock North/Hastings: Leave Hastings (from HB Hospital) travelling NW on Omahu Road for 8.5km. At Fernhill/Omahu, turn left onto Taihape Road for 8.5km. At Pukehamoamo, turn left onto Matapiro Road for 22km. Turn Left onto Whanawhana Road and continue for 9.5 km until the Event Centre. Allow **approximately 45 minutes** from Hastings.

Travel from Napier/Taradale: Leave Taradale (from EIT) travelling SW on Gloucester Street-Waiohiki Road-Korokipo Road for 8.5km. At Fernhill/Omahu, turn right onto Taihape Road for 8.5km. At Pukehamoamo, turn left onto Matapiro Road for 22km. Turn Left onto Whanawhana Road and continue for 9.5 km until the Event Centre.

Allow **approximately 45 minutes** from Taradale.

Please be cautious of competitors warming up on Whanawhana Road.

### Parking

Parking will be South of the Event Centre in a dedicated paddock or along the roadside. Please park as directed. Please follow the instructions of the Parking Wardens in high-vis vests. Parking will be adjacent to the Event Centre, but may be up to 500m or more from the Event Centre.

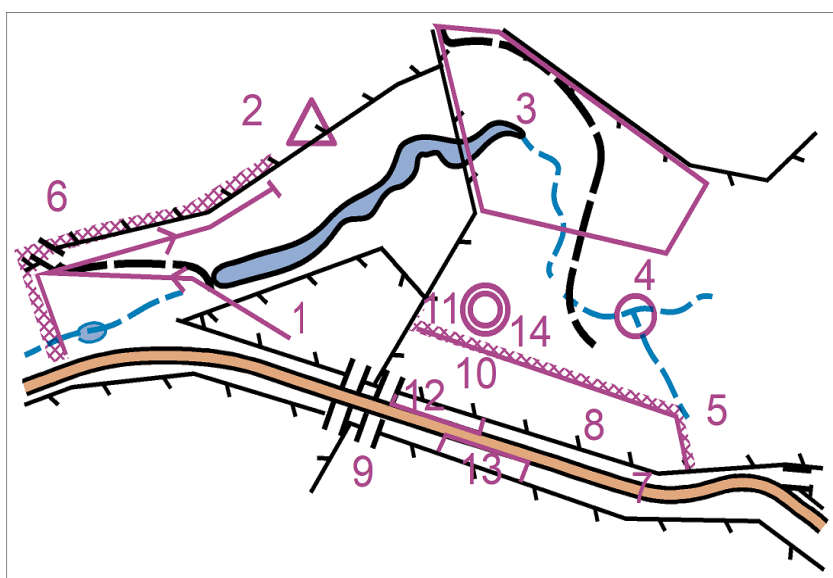
### Event Centre Details

Please stay in the Event Centre, car park or start area or on the signposted routes between these areas. All farmland apart from the area used for parking and the Event Centre are out of bounds. Please respect all out of bounds signage. The Event Centre has been situated to allow great viewing of the spectator controls and the Finish. There will be limited shelter at the Event Centre so schools are advised to bring their own gazebos. There are portaloos available at the Event Centre.



### Event Layout

1. Walk to start (all courses) approx 350m and 20m climb with rough ground - allow 8 mins.
2. Start location (all courses) - limited shelter on slope in trees.
3. Spectator control(s) area (all courses except White) viewed from Event centre (8).
4. Last control (all courses).
5. Out of bounds North & East of #5 line (shown by hatching) except for competitors who have started and not yet finished their course.
6. Out of bounds North & West of #6 fence and line (shown by hatching) except for competitors who have started and not yet finished their course.
7. Toilets.
8. Event Centre.
9. Parking (in paddock opposite event centre and along road side as directed).
10. Results.
11. Finish and Download (all courses).
12. Area for first aid, registration, food, coffee, Mapsport shop.
13. Large team (buses) dropoff (no parking).
14. Commentary.



### Start and Finish

The start is located approx. 350m walk (with 20m climb) across rough terrain signposted from the Event Centre. Allow approximately 8 minutes to walk to the start and note the competitor call-up is 4 minutes prior to starting. Competitors must stay on the marked route. The Finish is adjacent to the Event Centre.

### Warm-up Area

Competitors can warm-up on Whanawhana Road. Please be cautious of vehicles.

### Water

There is no water provided at the Event Centre so please remember to bring your own drinking water. There is a Water Station provided for competitors on Yellow, Orange and Red courses at the spectator control(s) 60 - 75% through the course. Please use a new cup provided and place used cups in the rubbish bag.

### Hazards and Safety

All courses - Earth banks, gullies, streams. Some small patches of blackberry and OngaOnga can be found on the map but they are easily avoided. These mainly affect senior courses only - Leg cover is recommended. All electric fences are off. Some cattle may be in the event area so please respect their space where possible. Competitors are expected to carry a whistle. Warm clothing must be worn if the weather is bitterly cold; competitors who are inadequately clothed will not be allowed to start.

### Safety bearing

South to the road. From there, follow the road back to the Event Centre.



### Course Details

Course	Classes	Length (km)	Climb (m)	Controls	Difficulty level	Control Descriptions
1	Senior Boys Championship	7.0	235	17	Red	Symbols
2	Senior Girls Championship	5.5	220	14	Red	Symbols
3	Intermediate Boys Championship	5.1	225	16	Orange	Map - Textual Loose – Symbols or Textual
4	Intermediate Girls Championship	4.2	190	14	Orange	Map - Textual Loose – Symbols or Textual
5	Senior Boys Standard Senior Girls Standard	3.7	140	12	Orange	Map - Textual Loose – Symbols or Textual
6	Junior Boys Championship	3.7	130	12	Yellow	Textual
7	Junior Girls Championship	3.3	140	12	Yellow	Textual
8	Senior Boys Novice Intermediate Boys Standard Year 7 & 8 Boys Championship	3.1	115	12	Yellow	Textual
9	Senior Girls Novice Intermediate Girls Standard Year 7 & 8 Girls Championship	2.9	115	12	Yellow	Textual
10	Junior Boys Standard Junior Girls Standard	2.7	125	17	White	Textual
11	Year 7 & 8 Boys Standard Year 7 & 8 Girls Standard	2.3	100	14	White	Textual

## RELAY CHAMPIONSHIPS

<b>Date</b>	Sunday 25 July 2021
<b>Event Status</b>	A Level
<b>Planner</b>	Cairn Coghill
<b>Controller</b>	Hugh Forlong-Ford / Derek Morrison (A Grade Controller)
<b>Map / Location</b>	Awapai
<b>GPS Coordinates</b>	-39.524435 176.411018
<b>Mapped by</b>	Stewart Hyslop, Pamela Morrison and Geoff Morrison
<b>Map Scale</b>	1:7,500 for all courses
<b>Contour Interval</b>	5 m
<b>Land Owners</b>	Beamish family; James Mead (Farm Manager)
<b>Registration Opens</b>	8.30 am
<b>Composite Teams</b>	9.15 am at Registration to meet team mates
<b>Relay Briefing</b>	9.45 am
<b>Start Times for Classes</b>	10.00 am Senior Girls 10.05 am Senior Boys 10.10 am Intermediate Girls, Junior Girls 10.15 am Intermediate Boys, Junior Boys 10.20 am Year 7/8 Boys, Y 7/8 Girls
<b>Mass starts</b>	11.00 am for Leg 2 runners not yet started 11.30 am for Leg 3 runners not yet started
<b>Course Closure</b>	1.30 pm
<b>Prizegiving</b>	1.30 pm
<b>Levels</b>	Championship Classes

### Terrain

Open farmland with rocks, cliffs and spur/gully contour details. Some areas of manuka/native bush coverage. Electric fences will be off.  
 Orienteering shoes recommended.

### Directions to the Event Centre

Travel from Havelock North/Hastings: Leave Hastings (from HB Hospital) travelling NW on Omahu Road for 8.5km. At Fernhill/Omahu, turn left onto Taihape Road for 8.5km. At Pukehamoamo, turn left onto Matapiro Road for 22km. Turn Left onto Whanawhana Road and continue for 9.5 km until the Event Centre.  
 Allow **approximately 45 minutes** from Hastings.

Travel from Napier/Taradale: Leave Taradale (from EIT) travelling SW on Gloucester Street-Waiohiki Road-Korokipo Road for 8.5km. At Fernhill/Omahu, turn right onto Taihape Road for 8.5km. At Pukehamoamo, turn left onto Matapiro Road for 22km. Turn Left onto Whanawhana Road and continue for 9.5 km until the Event Centre.  
 Allow **approximately 45 minutes** from Taradale.

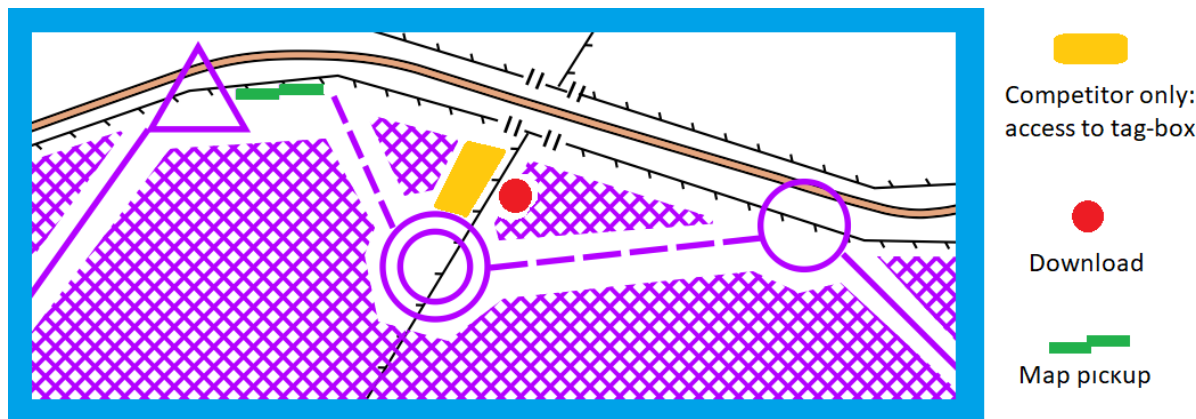
Please be cautious of competitors warming up on Whanawhana Road.

### Parking

Parking will be North of the Event Centre in a dedicated paddock or along the roadside. Please park as directed. Please follow the instructions of the Parking Wardens in high-vis vests. Parking will be adjacent to the Event Centre, but may be up to 500m or more from the Event Centre.

### Event Centre Details

Please stay in the Event Centre, car park or start area or on the signposted routes between these areas. All farmland apart from the area used for parking and the Event Centre are out of bounds. Please respect all out of bounds signage. The Event Centre has been situated to allow great spectator viewing of the Finish. There will be limited shelter at the Event Centre so schools are advised to bring their own gazebos. There are portaloos available at the Event Centre.



### Start and Finish

The start is adjacent to the Event Centre. The Finish is located at the Event Centre. The first leg start will directly follow the briefing therefore first leg runners should be ready to start immediately after the briefing. Check you have your SI, compass and whistle.

### Warm-up Area

Competitors can warm-up on Whanawhana Road WEST of the Event Centre. Please be cautious of vehicles.

### Water

There are no water stations on the courses. Water is not provided at the Event Centre. Please bring your own drinking water.

### Hazards and Safety

All courses - Earth banks, cliffs, gullies, streams. Some small patches of blackberry and Ongaonga can be found on the map but they are easily avoided. These mainly affect senior courses only - Leg cover is recommended. All electric fences are off. Some cattle may be in the event area so please respect their space where possible. There will be no road crossings. Competitors are expected to carry a whistle. Warm clothing must be worn if the weather is bitterly cold; competitors who are inadequately clothed will not be allowed to start.

### Safety bearing

North to the road. From there, follow the road back to the Event Centre.



## Course Details

Course	Classes	Length (km)	Climb (m)	Controls	Difficulty level	Control Descriptions
1	Senior Boys	4.3km	175m	15	Orange	Textual
2	Senior Girls	3.4km	155m	11	Orange	Textual
3	Intermediate Boys	3.4km	160m	16	Yellow	Textual
4	Intermediate Girls	3.0km	135m	14	Yellow	Textual
5	Junior Boys legs 1 and 3	2.9km	125m	11	Yellow	Textual
5A	Junior Boys leg 2	2.9km	120m	22	White	Textual
6	Junior Girls legs 1 and 3	2.7km	110m	11	Yellow	Textual
6A	Juniors Girls leg 2	2.7km	105m	17	White	Textual
7	Year 7/8 Boys	2.9km	110m	22	White	Textual
8	Year 7/8 Girls	2.5km	90m	17	White	Textual

## Relay Rules

Refer to Rules in [Special Rules for New Zealand Secondary Schools Orienteering Championships](#).

### Official teams

1. The students must be from the same school.
2. Yr7/8 students cannot run up in the secondary school classes in official teams (this would disadvantage Year 9 - 13 schools).
3. Official teams comprise of 3 different competitors, none of whom have completed a leg for another team in the relay in the current competition.
4. For mixed schools, girls may run in the equivalent boys' class. However boys may not run officially in a girls' team.
5. Within the secondary school competition, students may run up a class.
6. All other combinations will constitute a non-competitive (NC) entry with regard to points contributing to the Top School competition.

**Non-competitive teams from the same school** are:

1. Girls can run equivalent boys' class or higher.
2. Boys cannot normally run any girl's courses without controller approval.
3. Mixed boys' and girls' teams will run the "boys' version" of the highest class runner in the team. However, when the competition is not compromised by non-competitive teams running in the girls' class or in lower classes, this can be permitted at the controller's discretion.
4. These teams should be entered as a "Full Team" when completing the initial entry forms. Individual students that have selected to run in a **composite team** will be placed in teams of the same class and gender.
5. In official result lists, non-competitive teams should be listed with their times at the end of the results, below the competitive teams but above teams that mispunch.
6. Non-competitive junior teams may be entered in the Year 7/8 relay.

## How is an Orienteering Relay Race Different from a Standard O Event?

In a standard orienteering race, every competitor on the same course runs to the different controls in the same order. To keep runners separate and to prevent them simply following each other, a staggered start is used meaning runners start at timed intervals.

Relays, in contrast, usually have a mass start for the first leg runners, with "splits" or "forks" used to keep competitors separate. Runners may have a few controls in the same order as another runner, but then the split or fork will result in each runner heading in a different direction. The key principle is that every team must run every leg (between each pair of two controls), but not necessarily in the same order.

## Key Points to Understand Relay

- It is important not to follow the runners around you, as they will all have a map with a different course than everyone else!
- Because of the forking there will be a large number of controls, often close together, so it is important to carefully check your control codes.
- Control descriptions are printed on the maps, as they need to match the forking assigned to that particular map.
- Teams are normally numbered and each leg runner is identified separately. For example runner 125 is the first leg runner from Team 25, with 225 being the second runner and 325 the third runner.
- Each runner will have a bib corresponding to their team number and designated leg.
- Maps are numbered corresponding to the bib numbers. It is essential runners take their correctly numbered map. If any runners take a different map number their team will be disqualified.
- Once you complete your leg of the race you will tag your next leg runner, who will complete a race with a different set of forks than you.



- Each team member must punch the finish control when they complete their leg.

### An example for a relay course

This example shows how the course planner has designed a fork for a three-person relay team. Each team will have one runner visit A, one runner visit B, and one runner visit C. For each relay team member, this will be numbered with their control number 8. This is later followed by control number 10 being D, E or F.



## Interschool Competitions

Three interschool competitions are contested at the National Secondary Schools Orienteering Championships each year.

### *Top Secondary School Competition*

This is the longest running competition and caters for the broadest spread of students. It is intended that the trophies go to the schools that display the greatest depth of orienteering talent at all levels. There are separate trophies for boys and girls.

1. Only 3 competitors in each age grade will contribute to the school's points for any one race. Therefore, a maximum of 9 competitors (3 at each age group) will be able to earn points for their school for any one race for either the boys or girls trophies. Over the full competition, different team members may score on different days meaning many more than 9 athletes may contribute to a school's points. A "no-blocking rule" applies (see below): remaining competitors from the school are removed from the results for the purpose of points allocation only.
2. In the individual Sprint competition, the best three results at each age class will be counted. Only one level is offered.
3. In the individual Long competition, the best three results at each age class, whether in the Championship, Standard or Novice event, will be counted. A school can gain points from no more than two athletes from outside the Championship class, except when the "same points rule" applies (see points calculation notes below).
4. When the points for the third contributing competitor for a school in a class could come from different classes, the "same points rule" applies (see points calculation notes below).
5. In the relay, only the highest positioned team from any school in each age class will count. (Runners in composite teams do not count).
6. When two competitors receiving points tie in any race, they each gain the points appropriate for their placing. For example, if there is a tie for 5th place both get points for 5th place. The next counting athlete gets points for 7th place.

Points for this competition are as follows:

Individual Sprint:	1st = 25 pts, 2nd = 24 pts, 3rd = 23 pts, down to 25th = 1 pt
Individual Long Championship:	1st = 25 pts, 2nd = 24 pts, 3rd = 23 pts, down to 25th = 1 pt
Individual Long Standard:	1st = 10 pts, 2nd = 9 pts, 3rd = 8 pts, down to 10th = 1 pt
Individual Long Novice:	1st = 3pts, 2nd = 2pts, 3rd = 1pt.
Relays:	1st team = 60 pts, 2nd = 54, 3rd = 48, down to 10th = 6 pts

### *Premier School Competition*

This competition is for Boys and Girls with a Trophy for each. It is aimed at encouraging schools to support their top performing competitors at national level. The winners are the schools that have the best performance by their top competitors at Championship level only. The results of one competitor from each school in each Championship age class count, with points from 10 for 1st to 1 for 10th.

### *Small Teams Competition*

This competition is to cater for schools who have insufficient numbers or an inadequate spread of students to compete seriously in the Top School Competition. It is restricted to schools that have entered 5 or fewer competitors, as determined on the day of close of entries. There are separate boys' and girls' Competitions. Mixed schools with more than 5 competitors in total but whose boys, girls, or both teams number fewer than 5 competitors are eligible for the Small Teams Competition. Certificates are awarded to the winning school and the place getters. This competition will be based on results in the Top School Competition.

### *Year 7/8 Competition*

This competition follows the rules of the Top Schools Competition. There are only 2 grades: Boys and Girls.

## Points Calculation Notes

*The "no blocking" rule.* This means that once a school has scored its best competitors then any further

competitors from the same school do not interfere with points. Eg in the top school competition, if a school has runners at 2, 4, 6 and 7, the school will score 24, 22 and 20. The 7th place getter is then removed from the equation so the runner who is 8th will score 19 points (as though he/she were 7th).

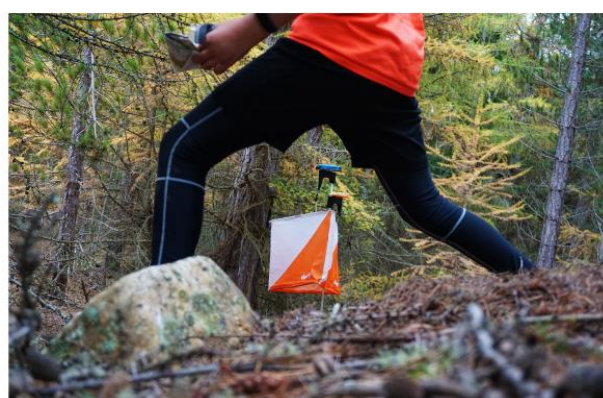
*The “same points” rule.* This relates to the unusual case where a school has two team members on the same points, either of whom could be considered to generate the points for the third counting runner in a class. This has arisen when two athletes from the same school and same class, but competing in different classes (championship, standard, or novice) have shared the same points. The points are to be awarded only for the runner from the less technical class (novice -> standard -> championship). This does not affect the school's points, but leaves more points available for distribution to remaining competitors in the more technical class. An example is where the runner 16th in Championship and 1st in Standard are both at the same school in the long distance. By attributing 10 points from the standard class, the 10 points for 16th place in the championship class remain available and now given to the 17th place competitor (as the 16th place championship competitor will be removed from calculations by the no blocking rule). Although points are not allocated to the higher technical class competitor, their achievement is valued.



## Championship and Trophies Winners NZSSOC2019

	SPRINT	LONG	RELAY
<b>Senior Boys</b>	Will Tidswell Havelock North High School	Will Tidswell Havelock North High School	Mount Albert Grammar
<b>Senior Girls</b>	Jessica Sewell Diocesan School for Girls	Georgia Skelton Diocesan School for Girls	Diocesan School for Girls
<b>Intermediate Boys</b>	Luke Clements Mount Albert Grammar	Campbell Syme Westlake Boys High School	Mount Albert Grammar
<b>Intermediate Girls</b>	Penelope Salmon Baradene College	Zara Stewart St. Cuthbert's College	St. Cuthbert's College
<b>Junior Boys</b>	Taiga Kato Westlake Boys High School	James McGuire Kings College	Mount Albert Grammar
<b>Junior Girls</b>	Rachel Duston Baradene College	Aliana Henderson Baradene College	Baradene College
<b>Year 7/8 Boys</b>	Matthew Greenwood Balmoral Intermediate	Matthew Greenwood Balmoral Intermediate	Pukekohe Intermediate
<b>Year 7/8 Girls</b>	Grace McGregor-Macdonald St. Cuthbert's College	Kate Borton Northcross Intermediate	Northcross Intermediate

SCHOOL – BOYS	AWARD	SCHOOL – GIRLS
Mount Albert Grammar	<b>Top School</b>	Baradene College
Mount Albert Grammar	<b>Premier School</b>	Baradene College
Lindisfarne College	<b>Small School</b>	Havelock North High School
Pukekohe Intermediate	<b>Year 7/8</b>	Northcross Intermediate St. Cuthbert's College



Certificate Design and Bulletin Photos – thanks to Will Tidswell.





## New Zealand Secondary Schools ORIENTEERING CHAMPIONS - TOP SCHOOL AWARD

SCHOOL - BOYS	SCHOOL - GIRLS
2019 Mt Albert Grammar School	2019 Baradene College of the Sacred Heart - Auckland
2018 Mt Albert Grammar School	2018 Diocesan School for Girls
2017 Napier Boys' High School	2017 Baradene College of the Sacred Heart - Auckland
2016 Napier Boys' High School	2016 Napier Girls' High School
2015 Napier Boys' High School	2015 Diocesan School for Girls
2014 Napier Boys' High School	2014 Napier Girls' High School
2013 Napier Boys' High School	2013 Napier Girls' High School
2012 Napier Boys' High School	2012 Napier Girls' High School
2011 Napier Boys' High School	2011 Napier Girls' High School
2010 Napier Boys' High School	2010 Napier Girls' High School
2009 Napier Boys' High School	2009 Havelock North High School
2008 Napier Boys' High School	2008 Napier Girls' High School
2007 Napier Boys' High School	2007 Havelock North High School
2006 Havelock North High School Napier Boys' High School	2006 Havelock North High School
2005 Napier Boys' High School	2005 Havelock North High School
2004 Napier Boys' High School	2004 Napier Girls' High School
2003 Putaruru College	2003 Napier Girls' High School
2002 Newlands College	2002 Birkenhead College
2001 Birkenhead College	2001 Birkenhead College
2000 Birkenhead College	2000 Birkenhead College
1999 Newlands College	1999 Newlands College
1998 Birkenhead College	1998 Putaruru College
1997 Birkenhead College	1997 Birkenhead College
1996 Birkenhead College	1996 Birkenhead College
1995 Birkenhead College	1995 Birkenhead College
1994 Kings College	1994 Birkenhead College
1993 Putaruru College	1993 Putaruru College
1992 Kings College	1992 Putaruru College
1991 Otago Boys' High School	1991 Putaruru College
1990 Kings College	1990 Wellington Girls' College
1989 Paraparaumu College	1989 Wellington Girls' College
1988 Edgewater College	1988 Rangitoto College

# ISOM 2017-2 Orienteering Map Symbols

## Land forms

	Contour
	Index contour
	Form line
	Slope line
	Contour value
	Earth bank
	Earth wall
	Ruined earth wall
	Erosion gully
	Small erosion gully
	Knoll
	Small knoll
	Small elongated knoll
	Depression
	Small depression
	Pit
	Broken ground
	Very broken ground
	Prominent landform feature

## Water and marsh

	Uncrossable water
	Shallow water
	Waterhole
	Uncrossable river
	Crossable watercourse
	Small crossable watercourse
	Minor/seasonal water channel
	Narrow marsh
	Uncrossable marsh
	Marsh
	Indistinct marsh
	Well, fountain or water tank
	Spring
	Prominent water feature

## Man-made features

	Paved area
	Wide road
	Road
	Vehicle track
	Footpath
	Small footpath
	Less distinct small path
	Narrow ride
	Visible path junction
	Indistinct junction
	Railway
	Power line, cableway or skilift
	Major power line
	Bridge/tunnel
	Footbridge
	Wall
	Ruined wall
	Impassable wall
	Fence
	Ruined fence
	Impassable fence
	Crossing point
	Area that shall not be entered
	Building
	Canopy
	Ruin
	High tower, Small tower
	Cairn, Fodder rack
	Prominent line feature
	Prominent impassable line feature
	Prominent man-made feature
	Stairway

## Rock and boulders

	Impassable cliff
	Cliff
	Rocky pit, Cave
	Boulder, Large boulder
	Gigantic boulder
	Boulder cluster
	Boulder field
	Dense boulder field
	Stony ground: slow
	Stony ground: walk
	Stony ground: fight
	Sandy ground
	Bare rock
	Trench

## Vegetation

	Open land
	Open land with scattered trees/bushes
	Rough open land
	Rough open land with scattered trees/bushes
	Forest: easy running
	Vegetation: slow running
	Undergrowth: slow running
	Vegetation: walk
	Undergrowth: walk
	Vegetation: fight
	Forest runnable in one direction
	Cultivated land
	Orchard
	Vineyard or similar
	Distinct cultivation boundary
	Distinct vegetation boundary
	Prominent large tree
	Prominent bush or tree
	Prominent vegetation feature

## Overprinting symbols

	Map issue point
	Start
	Control point
	Control number
	Marked route
	Finish
	Out-of-bounds boundary
	Crossing point
	Out-of-bounds area
	Out-of-bounds route
	First aid post, Refreshment point

## Technical symbols

	Magnetic north line
	Registration mark
	Spot height

The ISOM 2017-2 specification can be downloaded from [www.orienteeering.sport](http://www.orienteeering.sport)

Copies of these map symbols and of the IOF pictorial control descriptions can be downloaded from [www.maprunner.co.uk](http://www.maprunner.co.uk)

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# IOF Sprint Orienteering Map Symbols - ISSprOM 2019

## Land forms

	Contour
	Index contour
	Form line
	Slope line
	Contour value
	Earth bank
	Small earth wall
	Erosion gully or trench
	Small erosion gully
	Small knoll
	Small elongated knoll
	Small depression
	Pit or hole
	Broken ground
	Prominent land form

## Water and marsh

*	Uncrossable body of water
	Crossable body of water
	Waterhole
	Small crossable watercourse
	Minor/seasonal watercourse
*	Uncrossable marsh
	Marsh
	Narrow marsh
	Indistinct marsh
	Small fountain or well
	Spring
	Prominent water feature

## Rock and boulders

*	Impassable cliff
	Passable rock face
	Rocky pit
	Cave
	Boulder
	Large boulder
	Gigantic boulder or rock pillar
	Boulder cluster
	Boulder field
	Stony ground
	Open sandy ground
	Bare rock

## Technical symbols

	Magnetic north line
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## Man-made features

	Paved area (light traffic)
	Paved area (heavy traffic)
	Step or edge of paved area
	Paved area in multilevel area
	Paved area with scattered trees
	Unpaved footpath or track
	Small unpaved footpath or track
	Less distinct small path
	Narrow ride
	Railway
*	Railway (uncrossable)
	Tramway
	Power line, cableway or skilift
	Major power line
	Bridge
	Underpass or tunnel
	Passable wall
	Passable retained wall
*	Impassable wall
	Passable fence or railing
*	Impassable fence or railing
	Crossing point
*	Area that shall not be entered
*	Building
	Canopy
	Pillar
	High tower
	Small tower
	Cairn, memorial, small monument or boundary stone
	Fodder rack
	Prominent line feature
*	Prominent impassable line feature
	Prominent man-made feature
	Prominent man-made feature
	Stairway

\* IOF Rule 17.2: Competitors shall not enter, follow or cross areas, routes or features drawn with these symbols.

## Vegetation

	Open land
	Open land with scattered trees/bushes
	Rough open land
	Rough open land with scattered trees/bushes
	Forest: easy running
	Vegetation: slow running
	Undergrowth: slow running
	Vegetation: walk
	Undergrowth: walk
*	Impassable vegetation
	Forest runnable in one direction
	Cultivated land
	Orchard
	Vineyard or similar
	Distinct cultivation boundary
	Distinct vegetation boundary
	Prominent large tree
	Prominent bush or small tree
	Prominent vegetation feature

## Overprinting symbols

	Map issue point
	Start
	Course line
	Control point
	Control number
	Marked route
	Finish
*	Out-of-bounds boundary
*	Out-of-bounds area
	Crossing point
	Crossing section
*	Temporary construction or closed area

Copies of these map symbols and of the IOF pictorial control descriptions can be downloaded from [www.maprunner.co.uk](http://www.maprunner.co.uk)  
The full ISSprOM 2019 specification is available from [www.orienteeing.sport](http://www.orienteeing.sport)  
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