



Orienteering.

SPORTS INFORMATION GUIDE

World Masters Orienteering Championships 2017

at World Masters Games 2017

Auckland
New Zealand

Bulletin 2

This Bulletin is up-to-date as at 27 March 2017.

A printed copy of Bulletin 2 will be provided to all WMOC competitors at WMG2017 Accreditation.

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1. Welcomes

On behalf of the IOF Council, I would like to welcome all participants back to another edition of the World Masters Orienteering Championship in New Zealand. The last time we were here was in the very first days of the new millennium in January 2000, and returning once again shows the true global nature of our sport.



Being part of major multisport games features in the IOF strategy, and the World Masters Games is an important showcase for orienteering. At the previous World Masters Games, in Torino, Italy in 2013, orienteering was the sport with the largest number of competitors of the 30 sports which were present.

The World Masters Orienteering Championships is also very important to the IOF, through participation here support is given to the IOF and international orienteering. Thank you for your participation. I hope you will feel pride in your own achievements and about your contribution to the global development of our sport.

Good luck to all participants and organisers and I wish you enjoyable events in New Zealand.

Leho Haldna

President, International Orienteering Federation

Kia ora and a warm welcome from Orienteering New Zealand (ONZ) to all our international visitors to the World Masters Orienteering Championships (WMOC) held as part of World Masters Games in Auckland. This includes extending greetings of friendship to International Masters Games Association and International



Orienteering Federation officials, and of course the substantial number of overseas competitors visiting our shores together with their families and supporters. It is a great honour for New Zealand to act as host nation for the Games and in the case of orienteering a wonderful opportunity for our domestic athletes to compete against the best masters level orienteers within a World Championship event.

Whilst keen to showcase the attractions and appeal of Auckland City and the wider Auckland Region, the key focus for ONZ has been the provision of quality orienteering events which offer competitors the necessary technical and physical tests within a challenging and memorable environment.

Ultimately your reflections and memories will act as the true test, but I am confident that our venues and courses will meet with your expectations.

Many of you will already have had a sneak preview of the conditions and terrain likely to be experienced during WMOC through participating in Oceania 2017. Purposeful timing and planning has afforded orienteers with the opportunity to experience almost a fortnight of world class events held within some of New Zealand's most scenic and picturesque areas.

The delivery of the WMOC events has been the responsibility of the Orienteering Oversight Committee (OOC) established some three years ago to work alongside Auckland World Masters Games to deliver the

required quality events. I would like to single out the OOC for specific praise especially as they have had to deliver both WMOC and Oceania within a very short timeframe. Of course, no major event is possible without an army of volunteers - so thanks to all those who have offered their services to act as officials, supervisors or marshals. To WMOC participants – welcome and I hope you enjoy the events, the camaraderie and friendship, and everything New Zealand has to offer.

David Turner

Chair, Orienteering NZ

On behalf of the Orienteering Organising Committee I warmly welcome all athletes and officials along with their support teams, relatives and friends to the City of Sails and the World Masters Orienteering Championships as part of the Auckland World Masters Games. New Zealand/Aotearoa is about as far from the home of Orienteering as you can get, so we are very conscious of the major commitment that many of



you have made in both time and money to get here. From the start, the goal of our committee has been to deliver the best ever World Masters Orienteering Championship that matches our world-class terrain. We started planning this event in detail more than two years ago and I am fortunate to have been supported by an exceptional committee. I would like to call out special thanks to the partners, families and friends of everyone involved as it is their forbearance that has allowed me, at times, to put our committee and volunteers under pressure to deliver seemingly impossible outcomes for what in New Zealand is a minority sport. Hat tip to you all!

Most of all, we must thank the land owners without whose generosity in granting land access, this event would not have been possible: Nga Maunga Whakahii o Kaipara, Otakanini Topu, University of Auckland, Auckland University of Technology, Massey University, Kohia Terrace School, Auckland Normal Intermediate and Auckland Council.

Finally, thanks to Auckland Council and their subsidiaries ATEED & WMG2017 for their vision, their funding and their constructive input at all stages of our planning. Special thanks to Tim Richards at WMG2017 for being our voice and advocate, providing wise counsel and doing the heavy lifting on our behalf.

Enjoy the competition, the camaraderie and all the wonderful experiences that Orienteering in New Zealand and the World Masters Games can offer you. Thank you for making the effort to be here and may you leave with a smile wider than the one with which you arrived.

Stephen Reynolds

Chair, Orienteering Oversight Committee

2. Organisation

Organisers

Orienteering New Zealand (ONZ), on behalf of the International Orienteering Federation (IOF) and World Masters Games 2017 (WMG2017) welcomes all orienteers and supporters to these events, organised by the

Auckland (AOC), Counties Manukau (CMOC) and North West Orienteering (NWOC) Clubs, with the assistance of many volunteers from throughout New Zealand.

Orienteering Oversight Committee: Stephen Reynolds (Chair), Guy Cory-Wright, Nick Harris, Selwyn Palmer, Bruce Peat, Martin Peat, Phillipa Poole. Secretariat: Catriona McBean (ONZ).

Role	Sprint Model	Sprint Qualification	Sprint Final	Long Model	Long Qualification 1 & 2	Long Final
Event Manager	Lactic Turkey Events – Shaun Collins					
WMG 2017 Manager	Tim Richards					
Organiser (Technical)	Stephen Reynolds					
Event Arena Managers	Elizabeth Parsons	Martin Crosby	David Scott	Nick Monckton	Peter King	Mike Morse
Starts	Val & John Robinson					
IT, Finish and Results	Martin Peat					
Entries and Start Lists	Alison Comer & Lyn Stanton					
Maps	Selwyn Palmer					
Info Tent Manager	Maggie Salmon					
Volunteers	Andrew de L'Isle					
Logistics	Trevor Carswell					
Parking	Bruce Horide					
Medical and Safety	Lactic Turkey Events – Madeleine Collins					
Bulletin	Phillippa Poole					
Ceremonies	Nick Harris & Libby McLeay					

Mapping

Sprint Qualification and Final

Sprint Model

Long Qualification and Final

Map production

Russell Higham, Duncan Morrison

Russell Higham, Mike Beveridge

Selwyn Palmer, Mike Beveridge, Paul Ireland

Selwyn Palmer, Russell Higham

Course Planners and Controllers

Event	Planner	Controller
Sprint Model	Joanna and Alistair Stewart	
Sprint Qualification	Matt Goodall	Alistair and Joanna Stewart
Sprint Final	Dave Crofts	
Long Model	Selwyn Palmer	Gene Beveridge
Long Qualification 1	Gene Beveridge	Malcolm Ingham
Long Qualification 2	Renee Beveridge	Russell Higham
Long Final	Guy Cory-Wright	Jeff Greenwood

Event Advising

IOF Senior Event Adviser	Nick Dent (Australia)
IOF Assistant Senior Event Adviser	Greg Hawthorne (Australia)
National Controller	Gillian Ingham (New Zealand)

The IOF Senior Event Adviser will also act in the role of Technical Delegate for the WMG2017 Orienteering competition. The Technical Delegate will oversee the implementation of all sport-specific rules and requirements at the event.

Jury

Christine Brown, Australia
Sergio G Brito, Brazil
David May, Great Britain

IOF Representatives

Mike Dowling, IOF Vice President
Malin Fuhr, IOF Global Development and Communications Officer
David May, IOF Foot O Commission/WMOC Supervisor

3. Landowners

The organisers are extremely grateful to the following for allowing orienteers access to their land:

Sprint Events

Massey University – Albany Campus
Albany Senior High School
Kristin School
University of Auckland – Epsom Campus and City Campus
Auckland University of Technology
Kohia Terrace School
Auckland Normal Intermediate School
Alexandra Park
Auckland Council – Albert Park and Melville Park.

Long Events

Nga Maunga Whakahii o Kaipara Ngahere Ltd
Otakanini Topu Corporation
Danny Bright, Jenny Bright & Robert Inwards

4. Information and Contacts

Participants are encouraged to monitor the WMG2017 website at www.worldmastersgames2017.co.nz. Orienteering has a specific page at <http://www.worldmastersgames2017.co.nz/the-sports/find-your-sport/orienteering/>. The Orienteering NZ website for the 2017 World Masters Orienteering Championships is wmoc2017.com where the Bulletins, entry lists, start lists, results, maps and any updates are posted.

The Accreditation Centre at Queens Wharf has no orienteering-specific desk. There is a general sport information area at the Accreditation Centre; however please direct orienteering-specific queries to staff on the Sports/Games Info Desk at each Event Arena.

Orienteering - specific contacts

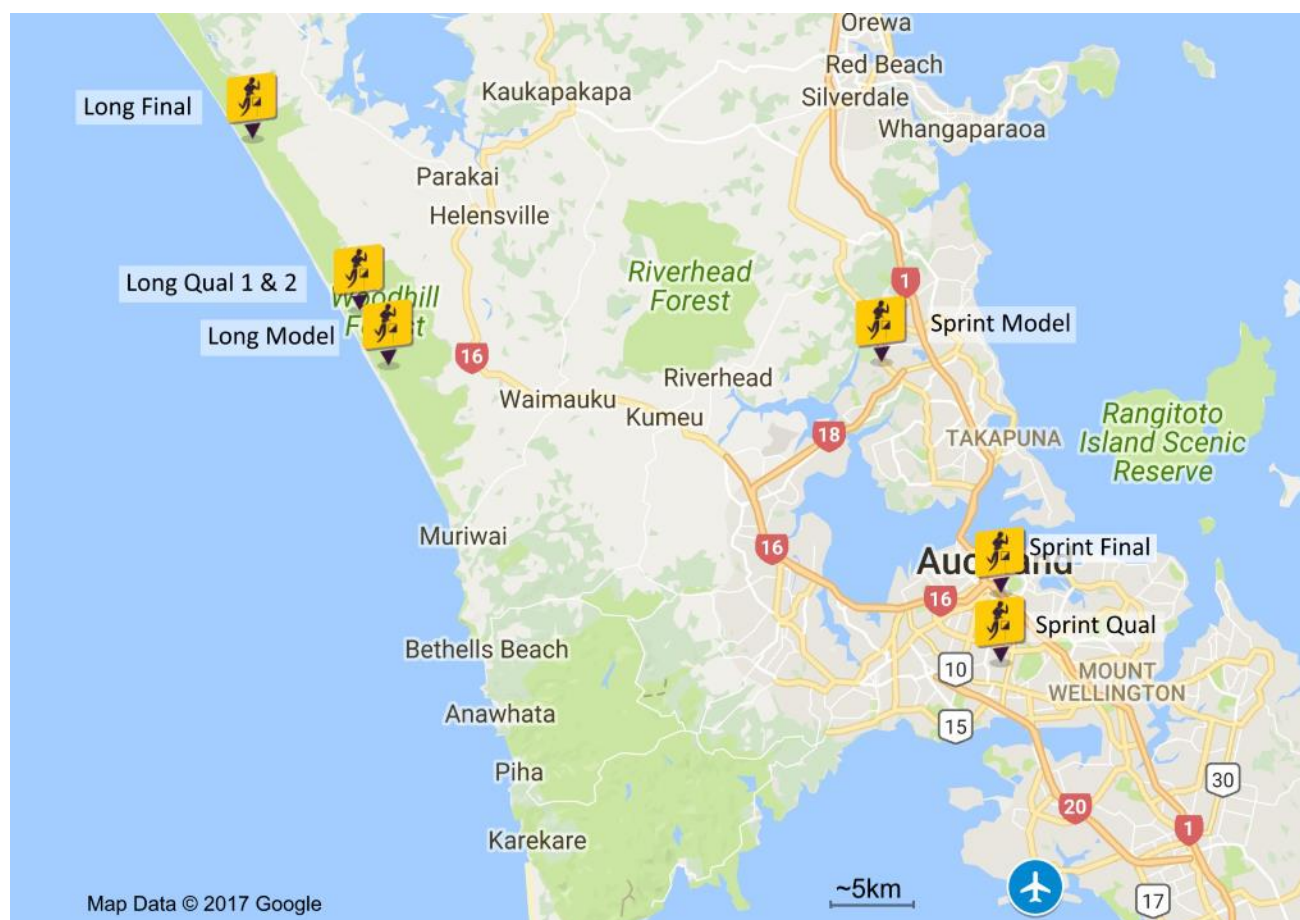
Email	orienteering@wmg2017.co.nz eventmanager@wmoc2017.com
Websites	www.orienteering.org.nz/world-masters-2017 and wmoc2017.com
Competitor Enquiries	+64 27 506 8015

World Masters Games 2017 contacts

Email	General contactus@wmg2017.co.nz Transport transport@wmg2017.co.nz
Phone	+64 9 600 5000
Website	www.worldmastersgames2017.co.nz

5. Orienteering Event Locations

The orienteering events are spread from Albany, to the north of the Waitemata Harbour, to central Auckland, then to Woodhill Forest on the west coast.



6. Orienteering Event Programme

Orienteering Competition Schedule

	21/4 Fri	22/4 Sat	23/4 Sun	24/4 Mon	25/4 Tue	26/4 Wed	27/4 Thu	28/4 Fri	29/4 Sat	30/4 Sun
Sprint – Model event										
Sprint – Qualification										
Sprint – Final										
Long Distance – Model event										
Long Distance – Qualification 1										
Long Distance – Qualification 2										
Long Distance – Final										

Ceremonies and Social Programme

The WMG2017 Opening Ceremony will be held at Eden Park, New Zealand's largest sports stadium, at 19:30 on Friday 21 April 2017. This will include a parade of participants. The WMG2017 Closing Ceremony will be held on the evening of Sunday 30 April 2017 at the Entertainment Hub, Queens Wharf (See Section 23 for more details).

There will also be brief WMOC Opening and Closing Ceremonies, with the raising and lowering of the IOF flag, welcomes by representatives of the Federation and Orienteering New Zealand. These will be held at the conclusion of the Sprint Model event on Saturday 22 April and after the Long medal ceremony on Saturday 29 April, at the Event Arenas.

Orienteering medal ceremonies will be held at the conclusion of the Sprint and Long Distance finals at the respective Orienteering venues. Both WMG2017 and WMOC medals will be awarded.

IOF Vice President, Mike Dowling, will present the WMOC medals.

Detailed timings

Date	Time	What Happens	Where it Happens
Daily 16 – 30 April	See Section 7 for hours	Accreditation Centre open	Queens Wharf
Friday 21 April	17:30 19.30 - 21:00	Gates open Opening ceremony WMG2017	Eden Park
Saturday 22 April	10.00-15.30 11:00 14:00 14:00 15:30	Registration Desk open Model event Sprint First start Model event Sprint Last start WMOC opening ceremony Course closure	Event Arena Massey University – Albany Campus Massey University – Albany Campus Campus
Sunday 23 April	10:00-16.30 11:00 14:00 15:15	Registration Desk open Sprint qualification First start Sprint qualification Last start Course closure	Event Arena The University of Auckland - Epsom Campus
Monday 24 April	10:00-16.00 11:00 14:00 15:15 15:30	Registration Desk open Sprint Final First start Sprint Final Last start Course closure Medal ceremony	Event Arena The University of Auckland - City Campus The University of Auckland - City Campus
Tuesday 25 April*	12.00-17.00 13.00 16:00 16.30	Registration Desk open Model event Long First start Model event Long Last start Course closure	Event Arena Woodhill Forest
Wednesday 26 April	09.00-16:30 10:00 13:00 16:00	Registration Desk open Long Qualification 1 First start Long Qualification 1 Last start Course closure	Event Arena Woodhill Forest
Thursday 27 April	09.00-16:30 10:00 13:00 16:00	Registration Desk open Long Qualification 2 First start Long Qualification 2 Last start Course closure	Event Arena Woodhill Forest

Date	Time	What Happens	Where it Happens
Friday 28 April**	09:00-17:00	IOF Event Advisers' Clinic	Auckland University of Technology (City Campus)
Saturday 29 April	09.00-16:30	Registration Desk open	Event Arena
	10:00	Long Final First start	Woodhill Forest
	13:45	Long Final Last start	Woodhill Forest
	16:45	Course closure	
	15:30	Medal Ceremony and WMOC Closing Ceremony	Woodhill Forest
Sunday 30 April	18:30	Closing Ceremony WMG2017	Entertainment Hub, Queens Wharf

*Tuesday 25 April 2017 is Anzac Day – a national day of remembrance in New Zealand and Australia, which commemorates servicemen and women who have served and died, and honours those that have returned. In line with the respect and tradition afforded to this national day, the Long Model event will not commence until the afternoon.

**Details at <http://orienteering.org/foot-orienteering/event-advising/clinics/>. Note that applicants must obtain the endorsement of their Federation.

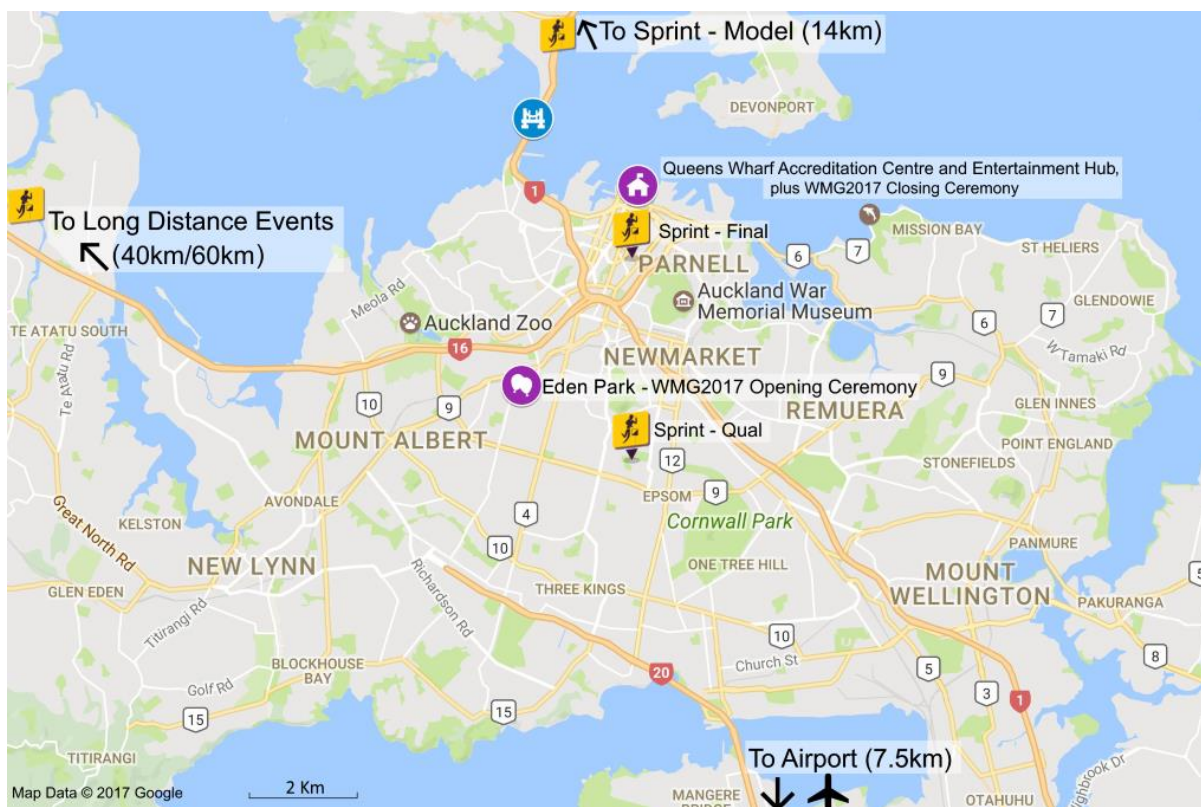
7. Accreditation Centre and Entertainment Hub

The WMG2017 Accreditation Centre and Entertainment Hub is located at Queens Wharf in the heart of Auckland City. The Wharf is at 87 Quay St at the north end of Queen St. Walking, it is 2 minutes from the Downtown Terminal (ferries) and 5 minutes north of the Britomart Transport Centre (trains, buses and Airport bus). It is within easy walking distance of many restaurants and bars in The Britomart and Wynyard Quarter areas.

The main Accreditation Centre is in a long white building called "The Cloud". Here you will collect your Accreditation Pass, Orienteering-specific information, and your WMG2017 Official Games Guide.

Accreditation Centre Dates and Hours

Dates	Hours
Sunday 16 April Monday 17 April	13:00 – 17:00
Tuesday 18 to Thursday 20 April	08:00 – 20:00
Friday 21 April	08:00 – 17:00
Saturday 22 to Monday 24 April	10:00 – 17:00
Tuesday 25 to Sunday 30 April	13:00 – 17:00



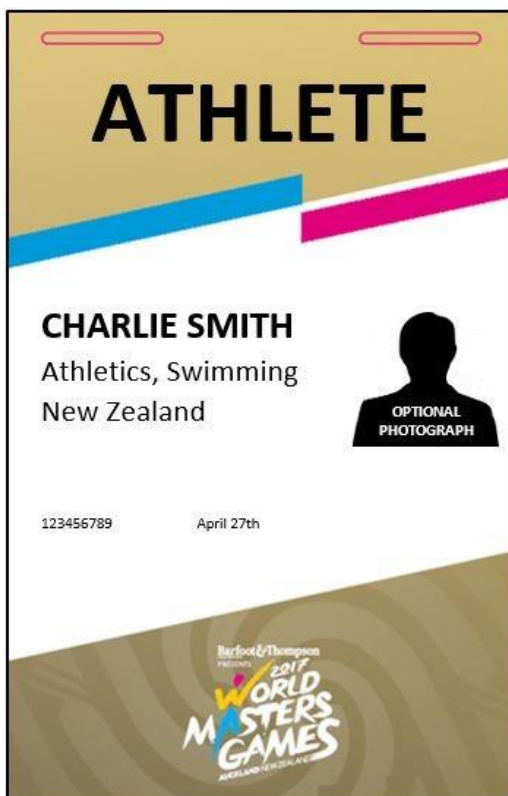
Accreditation Pass

The purpose is to supply all event stakeholders with an event-specific custom-designed identification pass to signify their involvement with the games. This is not an access control device but to provide a sense of belonging and display an affiliation to the event. A small number of events and certain areas at the

Entertainment Hub will require specific accreditation passes for access. If competition venues begin to reach venue capacity, accreditation bearers will receive entrance ahead of non-bearers.

WMG2017 Athletes, Non-Playing Officials and Supporters will bear a Gold, Silver or Bronze pass, to correspond with their purchased Participant Package.

All participants receive a WMG2017 backpack and Games guide. Silver participants will also receive a WMG2017 t-shirt, AT HOP transport card and Auckland attractions pass. Access to the Auckland Council leisure centres is available from the time Accreditation is collected (for gold and silver registrants). Gold participants receive the same as Silver participants, as well as a fast track Accreditation service, attendance to an exclusive cocktail function, entry to the Gold Lounge, ferry services and a bottle of New Zealand wine. All those who registered before 31 March 2016 will receive a limited addition Hall of Fame pin.



Every participant must collect their Accreditation and competition materials prior to competing. These are available only at the Accreditation Centre. In early April 2017, each participant will be sent a confirmation email to the email address nominated during the registration process. This email will include a QR code to be produced (either on a mobile phone, tablet or printed) in order for the pass to be provided.

Collection by Individuals

On arrival, each individual will be asked to present their personal ID and QR code, (printed or electronic), to be scanned. Personal information will be checked and, on confirmation of the correct details, the pass will be printed. If a QR is not supplied, individuals can be searched for in the system manually. Each participant will need to show photo identification and proof of age using a passport or driver's license. Those with a foreign driver's license need to be able to produce an English translation.

Collection on-behalf-of others

Any accredited person may collect an accreditation pass on behalf of someone else. However, this can only be achieved by presenting a valid QR code pertaining to the pass being collected and a copy of the ID document pertaining to the individual whose pass is being collected. A signature will be required from the collecting person to capture this collection.

Replacement Passes

Accreditation passes can only be re-printed at the Accreditation Centre at Queens Wharf. WMG2017 accreditation passes will only be replaced in reasonable circumstances to ensure:

- the bearer has appropriate access;
- venue security is maintained and efficient operations are supported;
- bearers only have one valid accreditation pass at any particular time;
- stocks of accreditation materials are not diminished as a result of excessive issuing of replacement passes.

Accreditation passes will be replaced at the Accreditation Centre if, through the normal course of business, they become damaged in such a way that the personal information and or client category are not legible.

Note that damage caused by fraudulent modification of an accreditation pass will be considered as sufficient justification for revocation and cancellation of the accreditation pass under the Terms and Conditions of Accreditation (refer to policy: Accreditation Pass Revocation and Cancellation). Each instance will be reviewed by the WMG2017 Accreditation Manager and in such circumstances the accreditation pass will not be replaced. Approval for any replacements will be sought from the WMG2017 Accreditation Manager.

Lost and Stolen Passes

All lost and stolen accreditation passes should be reported to the nearest Accreditation Centre at the earliest possible opportunity. Bearers will be required to complete a Lost/Stolen Games Accreditation Declaration Form. Bearers should consider obtaining a Police Report from the nearest Police Station where the circumstances warrant such action – the Police Report should be submitted to the Accreditation Manager where a copy will be taken and stored with the Lost/Stolen Games Accreditation Declaration Form.

Replacement accreditation passes will be issued immediately if the below steps are followed;

1. The WMG2017 Accreditation Manager accepts the circumstances outlined by the participant on the Lost/Stolen Tournament Accreditation Declaration Form, including the presence of a Police Report where considered appropriate;

2. The bearer is able to present a valid QR Code or one of the acceptable forms of identification;
3. The accreditation pass has not been previously replaced for lost/stolen reasons.

A lost/stolen pass which is subsequently found should not be used to access areas/events. Any found pass should be returned to the nearest Accreditation Centre for destruction – any attempted use to enter accredited venues will be considered breach of the Terms and Conditions of Accreditation.

WMG2017 Information

Ensure you collect your WMG2017 Official Games Guide. This goes to all 25,000+ participants and is loaded with practical information about the Games and the host city Auckland, as well as being designed to be a souvenir that can be looked back on and enjoyed.

Orienteering - specific Information

During registration at Queens Wharf all competitors will pick up a pack with the following:

- 2 Start number bibs (one main bib to be worn on your front in all competition events and one extra plain bib to be worn on your back in for the Sprint distance races)
- Safety pins (8)
- Printed copy of Bulletin 2
- Model Event maps (2)
- Pre-paid parking vouchers for Woodhill Forest if you have indicated Queens Wharf as your pickup point (Bronze competitors and others with own transport).
- Vouchers for pre-paid SPORTident card rentals or Southern Hemisphere compasses

Southern Hemisphere Compasses

If you indicated you would like to purchase a Southern Hemisphere compass when you entered and have since paid for this, your compass will be available for collection at Event Arenas by presenting your voucher. If competing in the Oceania or Middle Earth carnivals, compasses may be collected at the Oceania Registration. If you are still to pay (and therefore confirm your purchase), you can do so here <https://entero.co.nz>.

SPORTident Rental

Renting fee for a SPORTident (SI) card is \$NZ3 per race when hired at time of entry through <https://entero.co.nz>. When hired at the event, it is \$NZ5 per race. Model events are free. If you rented an SI-card, these will be available for collection at the Sports/Games Info Desk at Event Arenas by presenting your voucher. If competing in the Oceania or Middle Earth carnivals earlier, you may keep your rented SI-card and return it at the end of your last WMG2017 event.

Please return the rented SI-card by placing it in the labelled box after downloading at your last event, or at the Sports/Games Info Desk. A charge of \$NZ90 will be made for the loss or non-return of rented SI-cards.

Late Changes to Entries

Requests for withdrawal or changes to competitor details such as grade or SI-card number should be advised to WMG and the organisers via orienteering@wmg2017.co.nz.

Press and Media

For media questions before the event, contact Chris Gregory Chris.Gregory@wmg2017co.nz. At the venue, report to the Sports/ Games Info Desk or talk to a WMG2017 representative.

Media representatives will have access to results, to officially designated locations for taking photographs and to press releases reporting from the competition in English.

8. General Information

Auckland is one of the world's friendliest cities. New Zealand is renowned for its variety of natural beauty, from volcanoes and geothermal areas to alpine mountains, unique bush and wildlife, long deserted beaches and crystal seas. It would be a shame to leave without seeing more. For ideas, inspiration and more information check out the "destinations" link on www.worldmastersgames2017.co.nz and the Tourism New Zealand site www.newzealand.com/int/.

Accommodation

For further information for accommodation and tourism advice follow the accommodation link on www.worldmastersgames2017.co.nz or email wmg2017@aot.co.nz.

Eateries/Supermarkets

Auckland is a cosmopolitan city with restaurants, cafes and shops offering food from every corner of the world at a wide range of prices. Convenience stores in the inner city and supermarkets and shopping malls further out are open 7 days a week (except Good Friday 14 April, Easter Sunday 16 April and the morning of Anzac Day 25 April), with some open 24 hours.

How to reach Auckland

Auckland Airport is the third busiest airport in Australasia, with 20 international airlines flying direct to Auckland from 32 destinations around the world. New Zealand is a 3 - 4 hour flight from Eastern Australia, and a 10 - 12 hour direct flight from most places in the Pacific Rim, including Singapore, Hong Kong, Tokyo and the west coast of the USA. No matter where you fly from, New Zealand is no more than a day away by air.

Air New Zealand (www.airnewzealand.co.nz) is the airline of the Games and New Zealand's national carrier. For details on how to get from Auckland Airport into the central city, see the Auckland Airport Transport Information Guide <http://www.worldmastersgames2017.co.nz/the-destination/transport/transport-information-guides/>.

Climate

April falls between the end of summer and early autumn in New Zealand. In the north of the country, Auckland (36.8°S, 174.7°E) enjoys a sub-tropical climate, with average low and high April temperatures of 15°C and 20°C (59°F and 68°F) and a mean rainfall of 100 mm for the month.

New Zealand is a small landmass surrounded by ocean and the weather is therefore quite variable and prone to rapid changes. Come prepared for rain or shine.

Time zone

At the time of the Games New Zealand will be using New Zealand Standard Time (NZST, "winter" time), which is 12 hours ahead of Coordinated Universal Time, UTC (formerly GMT).

Travel visas

Visitors from overseas may need a visa to enter New Zealand. The New Zealand Government's visa information website provides details <http://www.immigration.govt.nz/migrant/stream/visit/>.

Risk and insurance

Each athlete participates in the event at their own risk. For overseas visitors, travel insurance (including health) is strongly recommended.

9. Transport/Parking

General

Competitors are responsible for getting themselves to each event on time. Hence, the importance of planning your journey carefully is emphasised.

All Silver and Gold package holders receive an Auckland Transport 'HOP' card enabling free access to Auckland's bus and train public transport network for a 14 day period. Bronze package holders are responsible for making their own way to each Games venue. For those using public transport, the Auckland Transport on-line journey planner is useful for planning your route <https://at.govt.nz/bus-train-ferry/>.

Transport and Parking for Events

World Masters Games 2017 Opening Ceremony

The venue for the Opening Ceremony of the Games is Eden Park. Your accreditation pass will allow you to gain free access to scheduled buses and trains heading to the Opening Ceremony. See the WMG2017 Opening Ceremony Guide for more information and bus and train schedules, or plan your route at <https://at.govt.nz/bus-train-ferry/>

Sprint Model, Qualification and Sprint Final Events and World Masters Games 2017 Closing Ceremony

For all Sprint events, the organisers recommend the use of the dedicated bus services, public transport or walking. Car and camper van parking will be limited.

The recommended transport options and routes are detailed separately on the pages for each Sprint event. In addition, the WMG2017 Transport Information Guides for each venue may be found at <http://www.worldmastersgames2017.co.nz/the-destination/transport/transport-information-guides/>.

Sprint Model	See Section 15. The Massey University (Albany Campus) Transport Information Guide (on the above website) has further details of the dedicated bus service from the Albany Bus Station to the venue which is free for Gold and Silver registrants and \$5 for a return trip for Bronze registrants and accompanying persons.
Sprint Qual	See Section 16. The University of Auckland (Epsom Campus) Transport Information Guide (on the above website) has further details of the dedicated bus service which is free for Gold and Silver registrants and \$5 for a return trip for Bronze registrants and accompanying persons.
Sprint Final	See Section 17. The Sprint Final is in central Auckland and can be easily accessed on foot. Ensure you check the embargoed areas and the instructions in Section 17 before

planning your route. The University of Auckland (City Campus) Transport Information Guide (on the above website) has further information.

Long Model, Qualifications and Long Final Events – Gold and Silver Registered Athletes and Supporters

WMG2017 will operate shuttle buses between Swanson Rail Station and Woodhill Forest for the Long model, qualifications and final events. This service is **NOT available** to Bronze registrants or accompanying persons who have not purchased a Gold or Silver registration package. The shuttle buses will run every 15 – 30 minutes, depending on the arrival times of trains.

It is the athlete’s responsibility to get to the Swanson Rail Station. The recommended route is to take the Western Line train, which originates in Britomart. The train takes about 60 minutes from Britomart to Swanson Train Station. Allow another 45-60 minutes from Swanson Rail Station to the Long Model & Qualification Event Arenas, and 60 minutes to the Long Final Event Arena

Please note that the trains run at different frequencies on different days. For the Model and the Final, trains will run every 30 minutes. For the Qualification events, trains will be running on a normal weekday schedule, every 10-20 minutes. Please plan your journey before you start out, to ensure you get to the venue on time.

Gold and Silver registered athletes and accompanying persons can use their WMG2017-issued public transport AT HOP card for free travel on Auckland Transport’s trains and buses. If your journey does not begin in Central Auckland, see <https://at.govt.nz/bus-train-ferry/> to plan your journey to Swanson.

When you get to Swanson Train Station, simply exit the station into the car park and the shuttle buses will be there waiting for you. The shuttle buses will have a sign on them that indicates they are an orienteering bus. Shuttle buses will run during the times indicated below:

Competition arena	To Event Arena		From Event Arena		Frequency
	First bus	Last Bus	First Bus	Last bus	
25 April Model	11:15	13:45	14:30	16:30	Every 30 min
26 April Qualification 1	8:00	11:00	12:00	16:00	Every 10-15 min
27 April Qualification 2	8:00	11:00	12:00	16:00	Every 10-15 min
29 April Long Final	7:30	11:00	12:00	17:00	Every 30 min

Long Events – Bronze-registered Athletes, Unregistered Supporters and Spectators

Public transport is NOT available for accessing the Woodhill Forest Long Distance Event Venues. It is not possible to park outside the forest, then walk or cycle into the Event Arena.

People in the above categories must pre-book parking and forestry access for private vehicles that gets them to within 1 km to 3 km of each Event Arena.

Pre-booking is on a ‘per vehicle’ basis, with no restriction on the number of people in each vehicle. This is to encourage carpooling. The parking voucher provides both access through the forestry security gates and/or access to the parking areas.

Access to the Long Model and the Long Qualification events will be via **Restall Road** and signposts and marshals will direct drivers to the event parking. For the Long Final, parking will be on farm land on **Wilson Road**, with access into Woodhill Forest by foot.

Parking vouchers will need to be shown to access the forest and parking areas.

Obtaining Parking Vouchers

The last date for the purchase of online pre-booked parking vouchers is Friday 31 March 2017 via the Event website <http://www.worldmastersgames2017.co.nz/the-sports/find-your-sport/orienteering/> or at entero.co.nz/evento.php?eventName=wmg-2017 where you should select the tab for Cars, 4WDs and Campervans, or Tour Buses. If you HAVE entered any of the Oceania or Middle Earth events, please have your entry confirmation available as this will speed up the process for you and use <https://entero.co.nz/order.php?eventName=oceania-2017&action=chooseOrder>. If you HAVE NOT entered any of the Oceania or Middle Earth events you will need to enter your name, address and email details. During the entry process you will be asked the registration number of your vehicle. If you will be in a rental car, please enter "RENTAL" in that box.

Parking vouchers may also be purchased at the WMG2017 Sprint events.

Parking voucher costs are:

- \$NZD7 per event for cars, 4WDs and Campervans.
- \$NZD35 per event for Tour buses seating 30 to 35 passengers.
- \$NZD60 per event for Tour buses seating 50 to 60 passengers.

If you are intending to bring children under 5 years old into the forest and will be making use of the shared crèche facilities, please indicate this when purchasing your Parking Vouchers and you will be issued a parking voucher that provides access to parking close to the crèche facilities.

Once ordered, Parking Vouchers will be available for collection at:

- The Registration Tent at all Oceania & Middle Earth events
- WMG2017 Accreditation at Queens Wharf where Parking Vouchers will be in Registration Packs
- WMG2017 Sprint events (for any not picked up previously)

Voucher Colours

Green	Cars, 4WDs minivans etc.
Red	Officials, Concessions
Blue	Crèche
Yellow	Buses

10.Competition Information

Rules

All races will be run under the Participation Terms and Conditions of WMG2017, and in accordance with the Competition Rules for IOF Foot Orienteering Events, 2017 Edition (IOF Foot O Rules) together with the 2017 WMOC Guidelines. Copies of these may be downloaded from <http://orienteering.org/foot-orienteering/rules> and <http://orienteering.org/wp-content/uploads/2010/12/WMOC-Guidelines-2017-March.pdf>.

Fair Play

All competitors shall behave with fairness and honesty. During the races competitors are forbidden to speak to each other. Attempts to gain any information related to the courses, beyond that provided by the organiser, is prohibited before and during the competition. It is forbidden to bring any previous maps along to the competition arenas. A competitor who breaks any rule, or benefits from the breaking of any rule, may be disqualified.

Anti-Doping

Doping is strictly forbidden. Drug Free Sport NZ is the national anti-doping organisation in New Zealand and is responsible for ensuring athletes and sporting organisations comply with the WADA Code and for enforcing compliance with this code via the Sports Anti-Doping Rules (SADR). For more information see www.drugfreesport.org.nz. Orienteering NZ will work with WMG2017 and DFSNZ to facilitate any in-competition testing. All athletes competing in WMOC 2017 are required to comply with the Sports Anti-Doping Rules published by DrugFree Sport NZ and should expect in-competition testing. Per IOF rule 26.3, it is the responsibility of competitors to obtain any required TUE (therapeutic use exemption) certificate.

Start Number Bibs

Every WMOC competitor will be issued with a numbered bib (or “start number”) which must be worn on the chest for each race. Those competing in the Sprint races must wear 2 bibs; one on the front and another on the back. The plain number without start times or logos is to be worn on the back. The bibs may not be folded or cut. Lost bibs may be replaced at the Event Arena Sports/Games Info Desk for a charge of \$10.

Event	SQ	SF	LQ1	LQ2	LF
Class	M40 - 1	M40 - 1	M40 - 1	M40 - 1	M40 - 1
Start Time	9:32	10:04	10:04	9:51	9:51
Start	1	1	1	1	1

651924

This Form must be completed before participating in the event.
If unable to take part, please do not give this number to anyone else.
Please use water proof ink or pencil

- Full name, address(when in NZ), Date of Birth

- Medical problems the organisers should be aware of; (Heart disease, Asthma, Diabetes)

- Current Medications; NONE or details

- Medication Allergies; NONE or details

- Details of anyone with you on race day (Full Name and NZ phone number)

- Other Information that maybe of value to First Responders

Information on bibs will consist of the competitor’s name, club, Federation, age class, heat and start times for the qualification races as well as information about which Start is used where there is more than one.

Every competitor is asked to complete the back of his or her bib with relevant health data and an emergency contact. This information could be helpful to the medical team in case of emergency.

The ten fastest qualifiers in each A-final will receive new bibs in the prestart area. These shall be placed over the original ones.

Clothing and Shoes

Sprint events: Running shoes are preferable. Rubber studs are allowed, but metal-tipped studs are forbidden. Shorts or O-suits are both suitable.

Long Forest events: Full body cover is recommended. Consider wearing a long-sleeved top to protect your arms from pampas grass cuts. Orienteering shoes with rubber or metal-tipped studs will be best. Eye protection is recommended for the Long Final.

- Spiked shoes are forbidden in all competitions.
- It is strongly recommended that a whistle is carried for safety purposes.

Maps

All WMOC 2017 competition maps have been printed on synthetic waterproof tear-proof paper (115 gsm Teslin) and drawn according to IOF map drawing specifications.

Sprint: Maps on A4 size, ISSOM standard, scale 1:4,000, contour interval 2.0 m, mapped from 2015, updated 2017.

Long Distance: Most maps will be on A3 size, some courses on A4, ISOM standard, scale M/W35-55 1:10,000; M/W60-95 1:7,500; contour interval 2.5 m. Surveyed in 2015-17.

Long Distance Model maps are on A4 size with map scales 1:10,000 on one side and 1:7,500 on the other.

In the Sprint Qualification and the Long Distance Final events some classes will have a map flip. The first part of the course, will be shown on one side of the paper, and will be labelled, for example, W35-1 (1); the second part of the course will be on the reverse side, and labelled, for example, W35-1 (2). The start of the second part is marked on the map by a start triangle shown at the same location as the final control of the first part of the course. Controls are numbered sequentially throughout the whole course. At the start, maps will be in the boxes with side 1 downwards. Ensure when you first pick up your map, you turn it over and start from control 1

Warm-up maps are available for the Sprint Final and Long Distance Final events only.

Duplicate, clean printed maps will NOT be available; however, PDF's of all maps will be posted on wmoc2017.com after each event.

Embargoed areas and previous maps

Embargoed areas and previous maps that include the competition areas may be found at <http://wmoc2017.com> and www.worldmastersgames2017.co.nz/en/sports/orienteering.

Sprint competition areas: The University of Auckland Epsom Campus (Qualification) and City Campus (Final): Access to the embargoed areas is permitted until 06:00 on the mornings of the respective races. However use of orienteering maps, running training of any kind and route choice testing are not allowed. Both Sprint areas are embargoed on the competition days from 06:00 until the competition is over. **All competitors must use only the routes specified by the organisers to reach the Event Arena. See the location maps in the competition day information in Sections 16 and 17.**

Competitors are not allowed to re-enter either Sprint area after they have finished their race and before the last competitor has finished his race. At all times, respect local people, private property, fences and walls.

Long competition areas in Woodhill Forest: All competition areas are embargoed. As this is a private forest no competitor may gain entry prior to the event. Having crossed the finish line, a competitor must not re-enter the competition terrain without the permission of the controller.

Controls

Each control is equipped with

- the control flag
- one or more electronic punching station (SPORTident (SI) unit)
- one pin punching device - only to be used if SI unit fails

The control code is located on top of the SI unit. The number codes used range from 101 to 240. Radio antenna may be fitted to some controls to transmit provisional times to the commentators and result displays.

There are many controls in the competition terrain. Please make sure always to check your control codes!

Control Descriptions

Control Descriptions will be printed on the front side of all competition maps. Loose copies of the control descriptions will be available at the start. These will be on plain (non-waterproof) paper: competitors must bring their own control description holders; there will be no tape or other equipment available to prepare control descriptions. The maximum length of the loose control description sheets is 195 cm (33 controls). Courses with fewer controls will have correspondingly smaller sheets.

Electronic Punching System

The SPORTident (SI) punching system will be used in all races and model events. Each competitor needs an SI-Card. SI-cards may be hired from the organiser by selecting this option when registering. Contactless punching will not be in use at any events. You may use an SI-Air card, but it must be inserted into each control to record a punch; the touch-free functionality will not be in operation. The SI card number that you provided on your entry form has been entered into the computer system, and appears on your number bib. If for any reason you will be using a different SI-card, you must notify the organisers of the new number by emailing it to orienteering@wmg2017.co.nz. SI-card numbers will be checked against competitor names as part of the Start procedure.

The M35A Long Final course has 33 controls and M40A has 30 controls. Competitors in M35 and M40 who own a lower capacity SI-card (Series 5 or 8) will be issued with a newer version, higher capacity SI-card **for use throughout the week**. These should be collected from the Sports/Games Info Desk in the Arena of the first event attended. There will be no charge. The borrowed SI-card should be returned after downloading at the conclusion of the Long Final. We have identified affected competitors from information provided at registration, and emailed this information. If you may be affected but have not received an email, please contact orienteering@wmg2017.co.nz. Series 5 and 8 SI cards are numbered 0-499,999 and 2,000,001 – 2,999,999.

Clear and Check

Each SI-card must be cleared and checked before each race. Stations to clear SI-cards will be located in the pre-start areas, near the entrance to the -6 min start box. Insert your SI-card into the “clear” unit and wait a few seconds until the unit beeps and flashes, verifying that previous data have been deleted.

After clearing your SI-card, place the SI-card into a “check” unit where the “check” unit will beep and flash immediately, confirming that the SI-card is ready to use. Start staff will be present to assist you.

At Each Control

All controls are equipped with a SPORTident (SI) unit. You may use either of the units where there are two. Insert your SI-card into the control unit until the unit beeps and flashes. The red light and beep do not guarantee that the competitor is at the correct control. This should be checked in the usual manner by reading the control code on top of the SI unit.

If you do punch at an incorrect control, simply continue to the correct control; the extra punch will be disregarded by the results software.

If the SI unit 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 reserve boxes marked “R”. If you have pin-punched any controls on your map you must hand the map in at the Problem Desk before leaving the Finish area and explain what you have done.

At the Finish

At the Finish you must punch at one of the SI units on the Finish line. Your elapsed race time only stops when you punch one of these units. Competitors must punch one of these Finish units even if they do not complete their course.

After the Finish Line

After the Finish line you will be directed to a download station where the data from your SI-card will be transferred to the results system. The system will verify that you have visited all controls on your course in the correct order. Individual split times will be given to each competitor after downloading.

If you are using a rental SI-card and this is your last race, you must return your SI-card to the box provided.

Start Lists and Results

The start draw and heat allocation are conducted in accordance with IOF Foot O Rule 12.22. For the qualification races, competitors in classes with more than 80 entrants are allocated randomly to parallel heats while ensuring that competitors from the same federation and place-getters from recent WMOCs are distributed evenly across heats. The heats are indicated by numbers after the age class, e.g. W55-2 is the second heat for W55 runners. The number of runners in each heat is as equal as possible, up to a maximum of 80.

Each runner will be in the same heat for both Long Distance Qualification races. The heats for the Sprint race will be drawn independently.

Start lists for the Qualification races will be available from 31 March on <http://wmoc2017.com/> as well as the orienteering page on the WMG2017 website <http://www.worldmastersgames2017.co.nz/the->

[sports/find-your-sport/orienteering/](#), at the Sports/ Games Info Desk at each Event Arena and at each prestart.

Start times for the Sprint Final will be available on the above websites as soon as possible after 18:00, Sunday 23 April. They will also be posted on Monday 24 April at the Sports/ Games Info Desk at the Sprint Final Event Arena and at the prestart.

Start times for the Long Final will be available on the above websites after 09:00 on Friday 28 April. They will also be posted on Saturday 29 April at the Sports/ Games Info Desk at the Long Distance Final Event Arena and at each prestart.

Live provisional results will be on display at each Event Arena. These will include information from radio controls. Via a local Wi-Fi network, competitors may view results on their own devices such as smart phones, tablets or laptops. The official results will be displayed as soon as possible after the event on <http://wmoc2017.com/> and <http://www.worldmastersgames2017.co.nz/the-sports/find-your-sport/orienteering/>. These will consist of results lists, split-times (Winsplits) and Routegadget.

Commentary

Race commentary will be supported by feeds from O-Lynx radio controls and, as such, will be 'unofficial' times. Race commentary will provide news and results in English. Experienced commentators who may wish to provide additional commentary, including short spells in languages other than English, are requested to register their interest with the Results team.

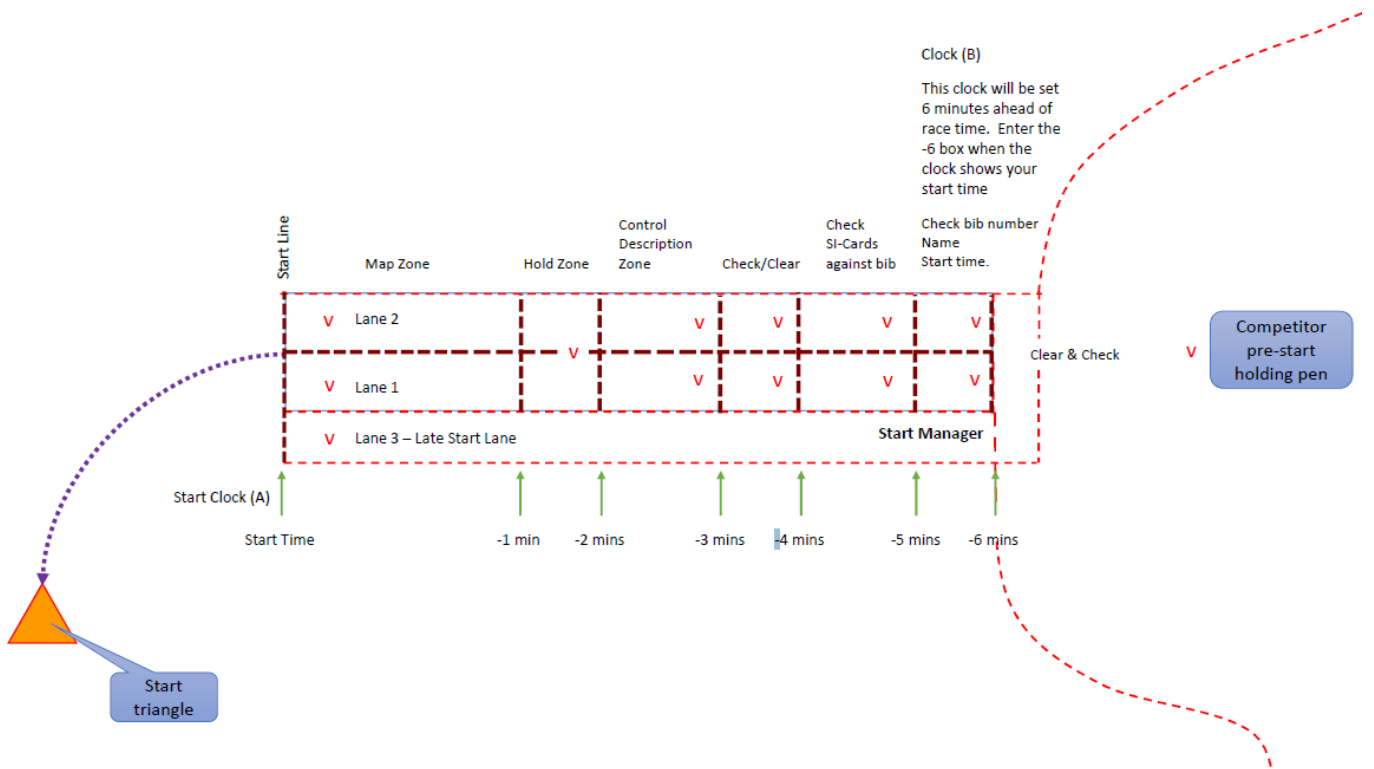
Start Procedure

Each runner is responsible for following the correct marked route to their start area. The competition area is out of bounds until your start time. Distances to the start are specified for each race.

Every starting procedure is a silent process, and it is the runner's responsibility to be there on time!

Before the entrance to the first box (-6 min) SI-cards should be cleared and checked.

In the Start area, runners will pass through six consecutive starting boxes, and remain one minute in each one. When the clock in front (B) of the first start box (-6 min) displays the runner's starting time, the runner steps in. This will be 6 minutes before the start. At this point the bib number and the starting time are checked. Runners without an SI-card or without a bib will not be allowed to start. If you lose or forget your bib or SI-card you can get a replacement at the Sports/Games Info Desk in the arena.



V = Start marshal

In the second box (-5 min) each runner goes through start gate, where their SI-card number and the SI-card number on the bib are connected. In the third box (-4 min) each runner waits in their box and will insert their SI-card into a Check box.

In the fourth box (-3 min) each runner will pick up his/her loose control description sheet (optional). There will be no tape available for competitors' use. Runners must bring their own equipment to carry the loose control descriptions during the race. The control descriptions will also be printed on the map.

The fifth box (-2 min) provides 1 minute for further personal preparation

In the last minute before the start time, the runner steps over the line into the -1 min box (the one with the maps). When entering the box, the runner proceeds to the map issue box labelled with his/her correct heat or final and waits there for the remaining part of the minute. Race time is visible there via clock A, and a sign indicates the marked distance to the start triangle. The clock will beep at 30 seconds to go. The start-countdown will be indicated by a series of 6 beeps at -5 to 0 seconds. At the last (long) beep the competitor's race time begins and the runner can take the map from the map pocket. The runner is responsible for taking the correct map.

Runners must then follow the marked route to the start point which is indicated by a control stand and flag in the terrain and a triangle on the competition map.

Late Start

Runners who arrive at the prestart **less than six minutes before** their designated start time must report to the Late Start official and use the late start lane. Your SI-card will be cleared and checked along the lane. If possible, you will then be directed into the correct box of the start grid and start normally. Otherwise control

descriptions and the competition map will be handed to you by the official and you will start when told to do so, using a punching start (IOF Foot O Rule 22.9). The official will also take a note of your actual starting time. The results of runners who start late will normally be based on their original, allocated start time (with no time compensation). Only if their lateness is the fault of the organiser will their actual race time be used (IOF Foot O Rule 22.10).

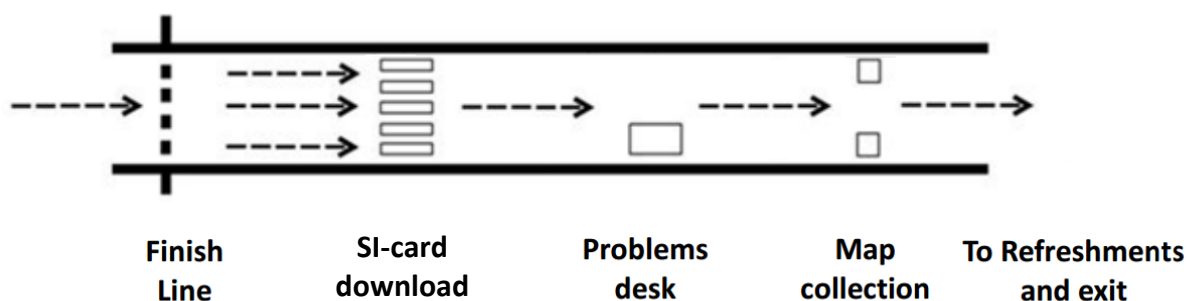
Any runner who starts late, whether through their own fault or otherwise, should not discuss this with the start officials. Instead, if the competitor believes the organiser is responsible, he/she should make a complaint at the Sports/Games Info Desk within 30 minutes of finishing the race (see below under Complaints and Protests).

Finish Procedure

All runners, including those runners who do not complete the whole course, are required to pass and punch one of the SI units on the Finish line. Runners who do not punch at the Finish line will be considered as “missing in the forest”, which may cause a search in the forest for the missing person. Your bib number must be clearly visible as you cross the Finish line.

Each runner must download his/her SI-card at one of the manned download stations. As confirmation of the completed download, a slip listing the total race time the split-times will be printed out. There will be a Problem Desk for solving mispunches and handling problems regarding SI-card download. All maps will be collected at the finish in all races (Qualifications, A, B and C finals). After download and map collection, runners are free to go for refreshments.

The schematic flow diagram below shows how the Finish system works:



Map Reclaim

All maps will be collected at the finish of all races. Maps may be reclaimed from a designated location near the Finish area only after the last competitor’s start. Competitors re-entering the map collection area before map reclaim has been authorised will be automatically disqualified.

Tour groups (10+ people) may provide their own clearly labelled plastic bin for map collection at the finish. The organisers cannot take responsibility for directing tour group members to this bin. The bin will be available for the group leader to collect when maps are declared available for reclaim.

Maximum Time

- Maximum allowed time for Sprint races is 75 minutes
- Maximum allowed time for Long Distance races is 3 hours

Competition Events

The Sprint distance competition consists of one Qualification race and a Final race. The Long distance competition consists of two Qualification races and a Final race. Qualifiers for each Final will be determined in accordance with IOF Competition Rules. Courses will be set to meet IOF recommended winning times (IOF Foot O Rule 16.11).

How To Qualify For The Final

The qualification system is described in detail in IOF Foot O Rule 12.23.

Only competitors who successfully complete both Long Qualification races (the one Sprint Qualification race) may run competitively in any Long Final (Sprint Final).

Qualification is based on the combined times of the two qualification races (or for Sprint, the single qualification time). The fastest competitors from each qualification heat qualify for the A-final of the class. The next best competitors from each qualification heat qualify for the B-final and so on.

If there are 161 or more entrants in a class, the number of qualifiers from each heat to the A-final shall be equal and shall be calculated to give a total of 80, or the lowest possible number above 80. Similarly for the B-final and so on, except that if there are more than two heats and less than 20 competitors qualify for the lowest ranked final, they may be transferred to the next final up.

If there are between 20 and 160 entrants, then they shall be split as equally as possible between an A-final and a B-final, with the A-final having at least half the total number of entrants.

If there are fewer than 20 entrants, then all shall compete in the A-final.

If two or more competitors tie for a place in a final, both or all of them shall qualify for that final.

Competitors who start but are not placed, or who do not start, in either or both qualification races may start before the qualified runners in the lowest ranked final of their class, but shall appear in the result list as not placed.

Disqualification

If a runner misses one or more controls, or does not visit the controls in the correct order, they will be disqualified. In the sprint events, entering forbidden areas or crossing forbidden obstacles will lead to disqualification (See Section 14: **ISSOM Features that competitors are forbidden to cross**).

Complaints and Protests

In accordance with IOF 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 Sport/Games Info Desk in the Event Arenas.

Complaints should be handed into the Sports/Games Info Desk within 30 minutes of finishing. The organiser will make a decision and notify the complainant as soon as possible. There is no fee for a complaint.

If the complainant is not satisfied with the organiser's decision, then, within the next 15 minutes, a protest may be lodged at the Sports/Games Info Desk. Protests will be forwarded to the IOF Senior Event Adviser, who will convene the jury. After due consideration, the jury will communicate their decision to the

complainant. A protest fee of NZ\$80 (€50) is payable when a protest is lodged. This will be returned if the protest is accepted. If a protest is signed by more than one competitor, then each shall pay the protest fee.

Refreshments

All races will have water available at the Finish. For the Long Distance races, there are supervised water stations in the forest at locations convenient to all courses. Water stations will be shown on the map with the cup symbol.

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 organiser prior to the event. GPS-enabled devices (watches etc.) can be carried provided that they have no map display and are not used for navigation purposes.

11. Health and Safety

Driving and Vehicle Security

Driving is on the left side of the road. In general, there is a speed limit of 50 km/h in the city, and 100 km/h on open roads and motorways, but be aware of reduced speeds and traffic control around towns and where there are roadworks. Some routes to events include narrow gravel roads, so allow for this in determining the drive time.

ALWAYS

- Keep to the left
- Drive below the posted speed limit and at a speed that suits the conditions
- Drive with lights on low beam in Woodhill Forest
- Stay on the signed routes to and from events, except in an emergency
- Park as directed, to keep roadways clear for emergency access
- As a pedestrian, check again to the right before you cross any road

Unfortunately, theft from cars and campervans is common in New Zealand. Do not leave passports or other valuable items in unattended vehicles in public areas. Keep all bags out of view.

Personal Responsibility and Safety

The organisers ask that competitors use common sense in ensuring their own safety at all times. Competitors must consider any risks and take their own safety precautions, and will be totally responsible for any injuries which might occur to them during the races as well as for any accidents on the way to and from any event during the WMOC week.

To reduce unnecessary pressure on First Aid services at the events, it is suggested competitors bring their own basic first aid kit and sports tape. The sun in NZ is strong, even on cloudy days in autumn. Competitors are recommended to apply sunscreen regularly.

Wasps can be a problem, so if you are allergic, bring your necessary medication.

Open fires or smoking are prohibited in all competition areas. The University Campus venues used are all smoke-free as is Woodhill forest in its entirety.

Check for Hazards in the event information, on a Hazards Board at the Sports/Games Info Desk and at the start area.

Carry a whistle for your own safety. The recognised distress signal is a series of six short blasts on a whistle. Use your whistle if you need urgent help because of an injury or distress. Pause and listen for reply and repeat to allow helpers to locate you.

If you are injured, but still mobile, an alternative might be to make your way to the nearest water station, where help will also be available.

Competitors are expected to render assistance to anyone who is injured, has blown their whistle, and requires physical assistance. Please give help as needed, and make event officials aware of the issue, to organise the appropriate response.

To avoid initiating unnecessary searches after the event, competitors must punch SI unit at the finish line, even if they do not complete their course.

Paramedics and First Aid

Paramedics (Jam Medics) will be present at all events. There will be First Aid facilities at the Finish of all the races. There are no First Aid locations on course in the forest.

Emergency, fire, ambulance and police

If there a life-threatening issue, **111** is the NZ emergency number for ambulance and rescue services, as well as the police. Be prepared to provide information such as the grid reference of the Event Arena or medical details on the reverse of a competitor's bib. Also, ensure you tell the Event Manager or Controller. Note: there is no cell phone coverage at the forest events, so you may need to drive or run until there is coverage.

If there is a force majeure episode prior to the event (e.g. weather, fire or earthquake), check the event website for details. If at the event, follow the directions of the Event Manager and Controller.

If required, the event website will be updated with weather warnings at: noon the day before the event; 18:00 the day before the event, and 06:00 on the day of the event.

Comprehensive Health and Safety plans are kept at the Sports/Games Info Desk. The nearest (a) Urgent Care facilities and (b) Public Hospitals are:

WMOC Sprint Model	(a) Shore Care Northcross 948 East Coast Road (Cnr. Oteha Valley Rd & East Coast Rd), Northcross, Auckland 0632 (b) North Shore Hospital, Shakespeare Rd, Takapuna 0620
WMOC Sprint Qualification and Final	(a) White Cross St Lukes, 52 St Lukes Road, Mount Albert, Morningside 1025 (a) White Cross Accident & Medical, 202 Ponsonby Road Ponsonby 1011 (b) Auckland City Hospital, Park Road, Grafton 1023
WMOC Long Events	(a) Westgate Medical Centre, 13E Maki Street, Westgate, West Auckland 0614

(a) White Cross Henderson ,131 Lincoln Rd, Henderson, Auckland 0610 (b) Waitakere Hospital, 55 Lincoln Road, Henderson 0610
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12.Event Facilities

WMG2017 officials and volunteers will be wearing green WMG2017 tops. Please do not hesitate to ask them if you have a query. Facilities in the Event Arenas include:

Sports/ Games Info Desk

This will provide general information on WMG2017, transport, etc. Together with this will be an orienteering-specific desk to answer general questions regarding orienteering, and collect pre-purchased compasses, and hired SI-cards.

Telecommunications and cell phone coverage

At each Event Arena, there will be a local Wi-Fi network providing live results. You do not need a password.

Cell phone coverage is excellent at the sprint events, but poor to zero at the Long events in Woodhill Forest.

Luggage area

It is possible to leave your belongings at a supervised luggage area in all Event Arenas. For the Long events gear is generally safe left in a space within the forest as the area is not accessible to the general public. The luggage area will open one hour before the first start and be closed shortly after course closure. While due care will be taken, the organisers accept no responsibility to for lost or damaged property.

Clothing Return from the Start

This will operate for the Sprint Final, Long Qualification and the Long Final Events. Clothing will be returned to near the Sports/ Games Info Desk, but may not be available until after the last start.

Orienteering Merchandise

The official WMG 2017 clothing and merchandise supplier will be present at the Accreditation Centre. Grassy Knoll Outdoor www.grassyknoll.co.nz will be present at the Event Arenas with a limited stock of Southern Hemisphere Compasses, Control Description Holders and Icebug Shoes. As there is limited cell phone reception at the Event Arenas, please have NZD cash available for payment.

Child Care

A dedicated space is available for young children. This will be clearly signposted. It is unmanned and therefore it is the parent's responsibility to ensure adults are supervising their children at all times. Those with young children may park closer to the Event Arena, if pre-arranged. Please display your blue parking voucher.

Lost and Found

Lost belongings that have been handed in may be reclaimed from the Sports/Games Info Desk at the Event Arenas.

Water

Water is provided at all Event Arenas, all Starts, the Finish and on courses for the Long Distance events. At the Event Arena paper water cups will be collected in vertical waste containers. Please use these.

Catering

A range of food and beverages will be on sale at all events in the Event Arenas. However, if you have special dietary needs we suggest bringing your own food to the venues. EFTPOS will generally be available at the sprint events; however in the forest events it may not be working due to poor cell phone reception. Please bring cash (NZD) to ensure payment.

Toilets

Please always use official toilets. Using the forest gives orienteering a bad reputation and could compromise the organisation of future events in these forests. See each Competition Event Information for location of toilets in the Event Arena and Start.

Showers

There are no showers at any Event Arenas.

Waste and green thinking

The organisers aim to be eco-friendly and reduce waste where possible. The events run a 'Pack-in, Pack-out' policy with respect to what you bring to the event, so if you carry it into the venue, we'd ask you to carry it out again. However, if you must dispose of waste, there are two kinds of different rubbish bins in Event Arenas with the appropriate signs. Please follow the signs and separate the waste into the correct bins.

1. Recycling: recyclable plastic and glass.
2. Mixed waste for landfill: all other kinds of waste (incl. food waste, used disposable tableware etc.).

Physiotherapy, Sports Taping and Massage

There are physio and massage services available at all Orienteering Qualification and Finals events. Onsite services include Strapping, Triage Support, pre- and post- Sports Massage. This is provided on a user-pays basis at a WMG2017 standardised rate. Services will be located at the designated First Aid post. Physio and massage will each be based in a 6x3 m pop-up clinic.

Competitors will be able to book in for treatments by presenting themselves to the First Aid area. Treatments will be delivered via bookings system except in the event of major injury, incident or situation requiring onsite therapists to respond.

Venue	Clinic Hours	Physio	Massage
Epsom Uni Campus(Sprint Qual)	10:00 – 16:00	Proactive 4 Health	Orienteering Massage Team
Auckland Uni Campus (Sprint Final)	10:00 – 15:30	Proactive 4 Health	Orienteering Massage Team
Woodhill Forest	10:00 – 16:00	Proactive 4 Health	Orienteering Massage Team

Summary of Services in Event Arenas

	22.04 Model S	23.04 Sprint Q	24.04 Sprint F	25.04 Model L	26.04 Long Q1	27.04 Long Q2	29.04 Long F
Sports/Games Info Desk	+	+	+	+	+	+	+
Live results	-	+	+	-	+	+	+
Parking	+	+	Limited	+	+	+	+
First aid	+	+	+	+	+	+	+
Sales of O-equipment	-	+	+	-	+	+	+
Unmanned child care space	-	+	+	-	+	+	+
Luggage storage	-	+	+	-	+	+	+
Clothes transport (Start-Event Arena)	-	-	+	-	+	+	+
Toilets – Event Arena	+	+	+	+	+	+	+
Toilets - Start	-	Near	+	-	+	+	+
Catering	Light	+	+	Light	+	+	+
Coffee and tea	+	+	+	+	+	+	+
Cell phone coverage	+	+	+	-	-	-	-
Physio, taping and massage	-	+	+	-	+	+	+
Medal ceremony	-	-	+	-	-	-	+

13. Training Opportunities and Tips for Woodhill

The Oceania Orienteering Championships will be held between Friday 14 April (Good Friday) and Monday 17 April 2017 (Easter Monday), with the Sprint, Long Distance and Relay races being on terrain that is representative of the WMG2017/WMOC Sprint and Long Distance events respectively. During the week between the Oceania Championships and WMG2017/WMOC there will be two events – a Middle distance and a Sprint race, near Rotorua in the geothermal area of the central North Island. Details of these events may be found at <http://oceania2017.nz/> and entry is separate from WMG2017.

Access to Woodhill Forest is strictly controlled. Individual training there is not possible. Competitors are encouraged to check out the likely terrains <https://www.youtube.com/watch?v=b6py-69XXNM>.

NZ's top-ranked woman elite, Lizzie Ingham, has this to offer:

"Woodhill Forest is known as one of the premier sand dune terrains in NZ, and we reckon, the world. Over the 3 WMOC races, you'll find out just why. A huge expanse of forest, Woodhill offers a large variety of terrain and navigational challenges.

For the Long Final, the organisers have chosen a unique area that contains many areas of different characteristics, all within in the one map.



Competitors will have to have their wits about them to ensure their speed and navigation adjusts and adapts with the terrain. Be warned that Woodhill severely punishes those that don't pay enough attention to their compass! And while the beautiful forest often invites you to open the throttle, both the complex and the vague areas are lying in wait to catch those who don't have their speed under control! All that ... and yet don't think you can slack off the hill training just because it's sand dunes!

It will be the competitors that keep their heads and balance their technique and speed who will come out on top. I hope you all will enjoy the amazing area, courses and atmosphere on offer. Good Luck, have fun and enjoy the kiwi sand dunes!"

Close to the city, the Auckland Domain and Cornwall Park are lovely parks in which to run. Further out of the city, there are some farm park permanent orienteering courses; see <http://regionalparks.aucklandcouncil.govt.nz/articles/orienteering>.

14.Sprint Events – General Information, Mapping Notes and Hazards

All Sprint event maps are drawn to ISSOM standards, at a scale of 1:4,000, 2.0 m contour interval, and are printed on waterproof (Teslin) paper.

In accordance with IOF Competition Rules Foot Orienteering 2017 Section 16.3, the course lengths for the Sprint races are given on the optimal route: the shortest distance a runner could take, going around all impassable obstacles.

Terrain and Map notes

The sprint events combine areas of parkland including open grassy areas, formal flower beds, trees, statues and networks of paths, with university campuses offering complex buildings, narrow passageways, paths, steps and tunnels. Generally, runnability is very fast.

All three events include areas that are mapped as out-of-bounds. Some, such as formal gardens are obvious in the terrain and will not be marked in any further way on the ground (see Fig.1). Out of bounds areas which are less obvious will be marked in the terrain with red and white diagonal striped tape (see Fig 2).

In both Qualification and Final events there are some areas of buildings with several levels: only one is mapped. The level(s) not mapped will be taped off and entrances to these will be shown on the map as uncrossable (see Fig 3). Some unmapped levels need to remain accessible to the public so will not be completely closed off, but will be clearly marked (see Fig 4). There are underpasses on the maps, marked with the tunnel symbol.



Figure 1: Example of formal flower bed: forbidden to cross



Figure 2: Example of taping of informal gardens: forbidden to cross






Figure 3: Example of taping of unmapped level



Figure 4: Example of taped entranceway, mapped as uncrossable/forbidden to orienteers but allowing access for the public. This is shown on the map as an uncrossable wall. This sign will also be shown.

Special Symbols (Sprint Event Maps)














	The black circle 539.000 has been used to map large vertical pipes
	In addition to memorials and statues, the cairn/ memorial symbol 537.000 has been used to map <i>pou</i> which are Māori carved poles
	The black cross 540.000 has been used to map other prominent man-made features such as children's play group equipment (not individually mapped), sculptures and prominent signs

Hazards

In all three Sprint events, there may be some staff, students or members of the public moving around the competition area. Please respect the public and make sure you avoid collisions with them, and other runners, especially in narrow passageways and on stairs. Steps, concrete and tiled areas may be slippery, especially if wet. There may be some slow-moving local traffic within the University grounds. Take care when crossing or running on any internal roads, especially if rounding corners.

ISSOM Features that competitors are forbidden to cross

In Sprint orienteering, there are certain areas and features that you are forbidden to enter or cross. Any competitor who crosses areas or features which are marked on the map with forbidden symbols will be disqualified.

Forbidden to cross		Allowed to cross	
	Impassable body of water		Passable body of water
	Impassable cliff		Passable cliff
	Impassable wall		Passable wall
	Impassable fence or railing		Passable fence or railing
	Building		Canopy Pillar
	Impassable vegetation		Vegetation: very difficult to run
	Area with forbidden access		

15.Sprint Model – Saturday 22 April – Massey University Albany “Oteha-Rohe”

The Sprint Model event illustrates the terrain types, mapping style, control features and the positioning of the controls to be found in the Sprint Qualification and Final events. The map covers part of the Albany Campus of Massey University, known as the Oteha Rohe Precinct. The event will be followed by a short WMOC 2017 opening ceremony, beginning at 14:00.

The arena is located in the grassed oval off Hokowhitu Place, which is accessed from the Oteha Rohe precinct of Massey University, Albany Campus, off the Albany Highway. The address is 473 Albany Highway, Albany, Auckland 0632, which is 18 km North of Auckland Central.

Coordinates of Event Arena

36.735081S 174.692995E

Runners may approach the Event Arena from Carpark 1 (Kristin School), Carpark 2 (Albany Senior High School), or AT Bus stop. Routes to the Event Arena will be signposted.

From Albany Senior High School, 536 Albany Highway (Designated parking for coaches and 65+) it is a 500 m walk from Albany Senior High School to the Event Arena (use the underpass). Allow 10 minutes.

From Kristin School, 360 Albany Highway it is a 900 m walk from Kristin School to the Event Arena, signposted entry north of Gate 5, Massey University. Allow 15 minutes.

Transport options and routes

Arrival by Car

From the South: Travel north up the Northern Motorway (SH 1) over the Harbour Bridge, take Upper Harbour Highway/Constellation Drive exit (Exit 414), turning left onto Upper Harbour Highway (route 18). Continue for 1.8 km, then take Albany Highway exit (Exit 2), turning right into Albany Highway. Car Park 1 (Kristin School) is 2 km on your left. (Coaches and 65+ continue to Carpark 2. Motorhomes, please park in Carpark 1). Car Park 2 (Albany Senior High School, Level 1) Continue a further 1.6 km to 536 Albany Highway.

From the North: Travelling south on the motorway take the Oteha Valley exit (Exit 410) turning right onto Oteha Valley Road to travel west for 1.7km, at the junction continue on to Albany Highway to Albany Senior High School on the right at 536 Albany Highway or Kristin School at 360 Albany Highway.

From the West: Travel southeast on State Highway 16, at Brigham’s Creek roundabout take the 1st exit onto Brigham Creek Road, at the roundabout take the 2nd exit onto State Highway 18, take the Albany Highway exit (Exit 2), turn left on to Albany Highway. Kristin School (Carpark 1 at 360 Albany Highway) or Albany Senior High School (Carpark 2 at 536 Albany Highway).

If both car parks are full further parking is available at Westfield Shopping on the Western side of the Albany Expressway.



Arrival by Coach

Coaches park in the bus bays of Albany Senior High School (near Carpark 2). Please park efficiently to maximise use of this space.

Arrival by public bus from the City Centre (Britomart)

From the City Centre (Britomart): take the Northern Express (NEX) buses to Albany Bus Station (approx. 30 mins). This bus station is also serviced by several local routes. A dedicated bus service will be provided from Albany Bus Station to the venue at Massey Albany. This dedicated service is available to all athletes. Gold and Silver registrants can use the service for no charge by showing their accreditation to the driver. Bronze registrants and accompanying persons will be charged \$5 for a return fare (cash only). Ensure you keep your ticket so you do not have to pay again on return. Allow 45-60 minutes from the CBD. See the Massey University (Albany Campus) Transport Information Guide for bus departure times:

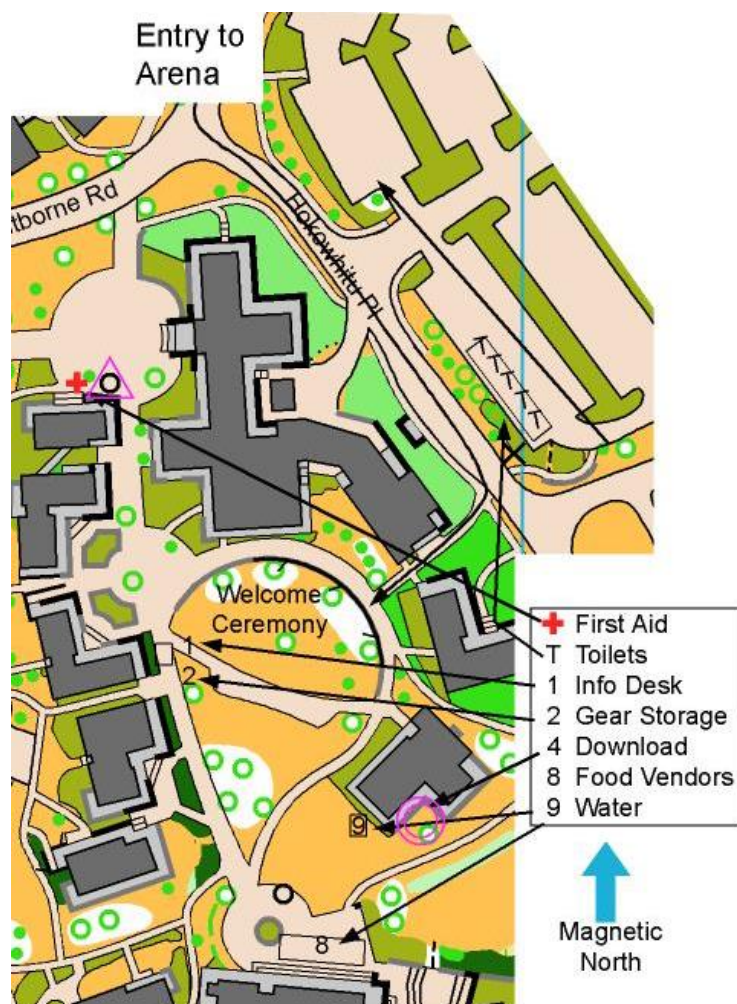
<http://www.worldmastersgames2017.co.nz/the-destination/transport/transport-information-guides/>

Timings for the Albany bus station - Massey Loop are:

To venue	10:00 – 13:00 (every 10 mins)
From venue	13:00 – 16:00 (every 10 mins)

Event Arena

Facilities at the Event Arena are detailed in Section 12. Shelter from bad weather is available. Light food, coffee etc. will be on sale.



Map details

The map is drawn to ISSOM standard, scale 1:4,000, contour interval 2.0 m. Map size: A4. Maps are provided in your registration packages. Extra copies of the model map will be available for a gold coin donation (\$1), as long as supplies last. Control descriptions are printed on the front of the map.

Starts

Start at any time between 11:00 and 15:00. The Start and Finish are adjacent to the Event Arena. Controls will remain out until 15:30. All participants must download by 15:30.

For safety reasons, every person participating in the model event MUST register by punching the SI units at the start and finish, and downloading at the download station. Those who forget their SI-card must sign in at the Start, and sign out at the Finish.

Hazards

See general notes in Section 14.

Course Information

As this is a model event you may visit controls in any order. However, controls will be numbered in an order that provides a suitable course for those who wish to run one. Splits will be printed but no results published.

Welcoming Ceremony and get-together of participants

A short welcoming ceremony and WMOC2017 opening will be held in the Event Arena at 14:00. Following this is an opportunity to meet up with friends and fellow competitors from around the world. Light food and coffee will be available for purchase.

16.Sprint Qualification – Sunday 23 April – University of Auckland Epsom Campus

The Sprint Qualification event will take place on the University of Auckland's Epsom Campus, formerly the Auckland Teachers Training College, and two schools on the edge of the campus.

The arena is located on the field of Kohia Terrace Primary School, 227 Gillies Rd, Epsom, Auckland 1023, 7 km South of Auckland Central.

Coordinates of Event Arena

36.884653S 174.770887E

Embargoed Area

The whole of the University Epsom Campus, Melville Park, Kohia Terrace School and Auckland Normal Intermediate School, and surrounding streets are embargoed from 06:00 on the morning of the event (23 April 2017) until event closure.

At the northern end of the map competitors must not access Epsom Ave between Owens Rd and Gillies Ave. To the south St Andrews Rd is embargoed from King George Ave northwards as are Disraeli St and Poronui St. To the east, Kohia Tce and Ranfurly Rd west of Gillies Ave are embargoed.

Transport options and routes

Arrival by Car, Coach or Taxi

Parking for cars and coaches is at Alexandra Park with entrance from Campbell Cres (which is a 950 m walk from the Event Arena). The GPS coordinates of the carpark are 36.889252 S 174.776265 E. If coming from the city centre or north, travel south down the Southern Motorway (SH1) and take the Market Rd exit shortly after crossing the Newmarket Viaduct (Exit 432). Turn right into Market Rd, go straight ahead at the lights crossing Gt South Rd, continue 1 km to the end of Market Rd, bear left into Campbell Crescent and you will be at the carpark. If coming from south of the city, travel north up the Southern Motorway (SH1) and take the Market Rd exit (Exit 432). Turn left into Market Rd, go straight ahead at the lights crossing Gt South Rd, continue 1 km to the end of Market Rd, bear left into Campbell Crescent and you will be at the carpark. It is a 950 m walk from the carpark to the Event Arena (10-15 minutes) following the route shown on the arena

location map. It will be signposted. If arriving by taxi, the drop-off address is 186 Gillies Ave, Epsom, which is opposite the event arena.

Arrival by Public Bus

A dedicated bus service will be running from the city to 174 Gillies Avenue (Bus Stop 8608). This leaves from 105 Beach Road, near Vector Arena. This dedicated service is available to all athletes and accompanying persons. Gold and Silver registrants can use the service for free by showing their accreditation to the driver. Bronze registrants will be charged \$5 for a return fare (cash only). Ensure you keep your ticket so you do not have to pay again on return. Return buses leave from 209 Gillies Avenue (Bus Stop 8609). The journey takes about 15 minutes. Timings are detailed in The University of Auckland (Epsom Campus) Transport Information Guide at <http://www.worldmastersgames2017.co.nz/the-destination/transport/transport-information-guides/>.

Timings for the Beach Road - Epsom Campus Loop are:

- To venue: 9:15 – 12:30 (every 10 - 15 mins)
- From venue: 13:00 – 16:30 (every 10 - 15 mins)

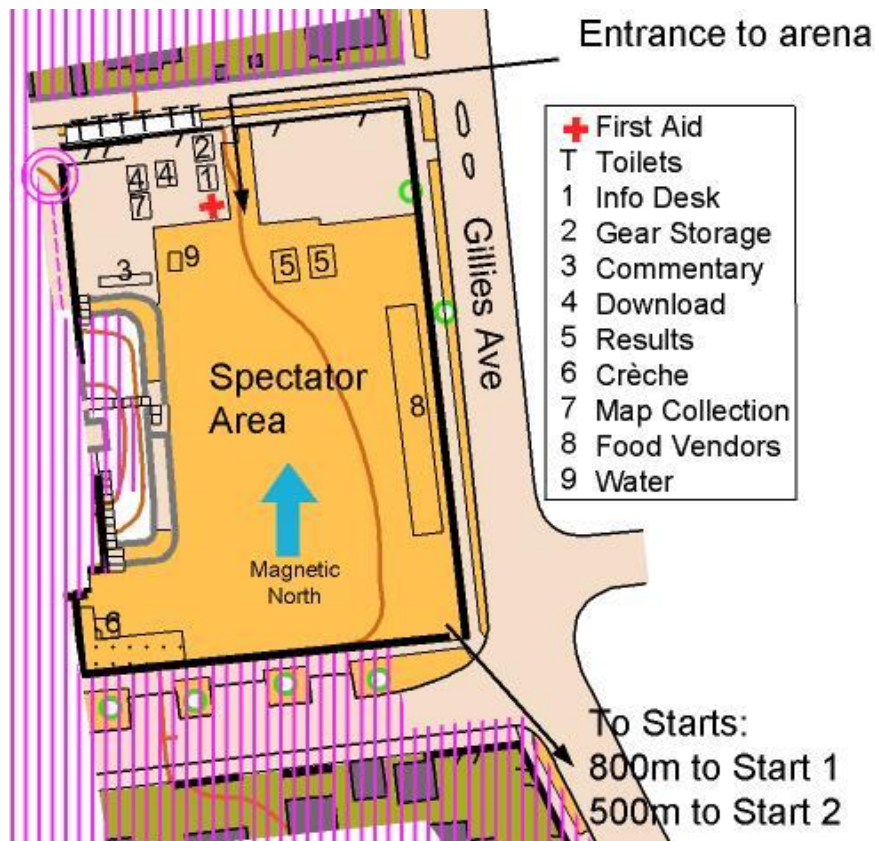
If your journey does not originate in central Auckland, use Auckland Transport’s Journey Planner to plan your route.

Arriving by Train

The closest train station to the event arena is Remuera Station on the Southern Line, requiring a walk of approximately 2 km to the Event Arena via Market Rd and Ranfurly Rd. Alternatively, passengers can travel to the Britomart Station in the City, walk to Beach Road, near Vector Arena and use the bus service described above.

Event Arena





The arena is a small, compact area. There are additional toilets, changing facilities, a warm-up area and more sitting space in Melville Park, to the south, on the way to the starts.

Map Details

The map is drawn to ISSOM standard, scale 1:4,000, contour interval 2.0 m. Map size: A4. Mapped between December 2016 and March 2017.

This area was originally part of a much larger 1:7,500 map including Mt Eden and surrounds, entitled 'Maungawhau Mt Eden', drawn in 1995. The area being used for this event was first mapped to sprint standards for the 2009 New Zealand Orienteering Championships. This map may be found on World of O at <http://omaps.worldofo.com/index.php?id=555>. It is also on wmoc2017.com.

Classes M35 to M55 inclusive and W35 and W40 have a map flip. At the start, maps will be in the boxes with side 1 downwards. Ensure when you first pick up your map, you turn it over and start from control 1. The first side will have a 1 in brackets after the class name in the top left hand corner of the map e.g. W35-1 (1), the second side will have a 2 e.g. W35-1 (2).

Starts

First start is at 11:00 am. There are two Start locations: M35 to M50 inclusive and W35 will use Start 1. All other classes will use Start 2.

Start times will be available from 31 March at <http://wmoc2017.com/> as well as <http://www.worldmastersgames2017.co.nz/the-sports/find-your-sport/orienteering/>, and at the event.

Distance to Start

Start 1 is 800 m and Start 2 is 500 m from the Arena. The routes to both starts leave from the gate in the SE corner of the Event Arena. Follow signs to the Starts. There are toilets close to Start 2 and on the route to Start 1. There will be water at both Starts.

Terrain and Map notes

See general notes in Section 14.

Special Hazards

Please take special care to avoid collisions in narrow passageways, on steps and when rounding tight corners. See general notes in Section 14.

Course Information

Class	Start	Length (km)	Climb (m)	Controls	Map Flip		Class	Start	Length (km)	Climb (m)	Controls	Map Flip
M35-1	1	3.6	48	24	Yes		W35-1	1	3.0	40	18	Yes
M40-1	1	3.5	36	22	Yes		W40-1	2	2.8	42	19	Yes
M45-1	1	3.1	46	22	Yes		W45-1	2	2.6	42	15	No
M50-1	1	3.1	36	22	Yes		W50-1	2	2.3	38	15	No
M50-2	1	3.0	40	18	Yes		W50-2	2	2.3	32	14	No
M55-1	2	2.8	54	18	Yes		W55-1	2	2.2	26	16	No
M55-2	2	2.8	42	19	Yes		W55-2	2	2.3	40	17	No
M60-1	2	2.7	40	17	No		W60-1	2	2.0	28	11	No
M60-2	2	2.6	42	15	No		W60-2	2	2.0	28	13	No
M65-1	2	2.3	32	14	No		W65-1	2	1.9	22	11	No
M65-2	2	2.3	38	15	No		W65-2	2	1.8	28	11	No
M65-3	2	2.3	40	17	No		W70-1	2	1.6	16	11	No
M70-1	2	2.0	28	13	No		W75-1	2	1.5	20	10	No
M70-2	2	2.0	28	11	No		W80-1	2	1.3	16	12	No
M75-1	2	1.7	22	11	No		W85-1	2	1.0	10	10	No
M80-1	2	1.4	18	9	No							
M85-1	2	1.3	16	12	No							
M90-1	2	1.0	10	10	No							

Course closure 15:15

Sightseeing opportunity

The Event Arena is close to Mt Eden (Maungawhau), one of Auckland's fifty volcanic cones. After completing your race, you may wish to climb to the summit to view the crater and enjoy views of Auckland city, its other volcanic cones and twin harbours. To reach the summit, from the Event Arena walk north along Gilles Ave for 700m, turn left into Owens Road and walk a further 700 m until you reach a tight left hand corner. Here there is a sign and a gate giving access to the mountain itself. From here it is approximately an 800 m walk (climbing 100 m) to the summit, making a total distance of approximately 2.2 km or 4.4 km round trip.

Note: Competitors must not use Epsom Ave before course closure as a route to the summit as this road is out of bounds to competitors. Afterwards you may wish to continue along Owens Rd a further 400 m to Mt Eden Village, where there is a variety of cafes, bars and restaurants for food and refreshment. There is a regular bus service which travels along Mt Eden Rd to travel from Mt Eden village back to the CBD.

17. Sprint Final – Monday 24 April – University of Auckland City Campus

The map consists of two different areas: Albert Park and the City Campus of the University of Auckland. Albert Park is one of Auckland's oldest parks. The park features a range of statuary and memorials, formal flower beds, a Victorian fountain, a floral clock and a band rotunda. A number of trees date from the early 20th century. Notable are some very large Moreton Bay figs (*Ficus macrophylla*), and an Argentinian ombu tree (*Phytolacca dioica*).

There are a number of tunnels under the park, constructed as air raid shelters during the Second World War.

The University Campus includes the historic Old Government House built in

1856. It was the seat of government until 1865 when the capital moved to Wellington. The grounds of Old Government House include trees planted in the 1860s. The Clock Tower facing Albert Park is the most iconic building on the Campus, completed in 1926 in art nouveau style.



The Event Arena is located in the John Hood Plaza and the Owen Glenn Building which houses the Business School of the University of Auckland, at 12 Grafton Road.

Coordinates of Event Arena

36.852788S 174.771443E

Embargoed Area

The whole of the University City Campus and Albert Park including Princes St, Alfred St and Symonds St as far south as Wellesley St, and surrounding streets are embargoed from 06:00 on the morning of the event (24 April 2017).

At the northern end of the Sprint Final area, runners must not access Kitchener Street, Bowen Avenue or Waterloo Quadrant. To the south and east, Alten Road (and the park to its north) must not be accessed, but

the Grafton Gully Cycleway may be used. Grafton Rd, west of the entrance to John Hood Plaza, is also embargoed. To the west, pedestrians may travel up Wellesley St from Queen St to Symonds St and on to the cycleway but must be on the west side of Wellesley St from Mayoral Drive onwards.

Transport options and routes

Arrival on Foot

Competitors and supporters must approach the University from the south (up Grafton Rd from Stanley St, or from the Grafton Gully cycleway), and assemble at the Event Arena at John Hood Plaza, the University of Auckland Business School, on Grafton Road.

The Grafton Gully Cycleway is a shared footpath with bicycles. It leads directly to the Business School in the Owen Glenn Building and the Event Arena in John Hood Plaza and avoids the areas used for the Sprint Final. **Be careful to keep to the LEFT side of the path to avoid cyclists. The path is steep in parts and cyclists can travel very fast downhill.**

Arrival by Car or Taxi

Note that the only parking available close to the Event Arena are parking lots where payment is required, and parking is expensive.

There is pay parking available in the triangle surrounded by Stanley Street, Highway 16 and Grafton Road; at the intersection of Alten Road and Highway 16/Stanley Street; and on Nicholls Lane (which is the extension of Alten Road across Highway 16/Stanley Street).

Arrival by Coach

There is no convenient coach parking near the Event Arena. Runners will need to be dropped off and the coach parked elsewhere (possibly in the Auckland Domain). A suitable drop off point is Grafton Mews at the Stanley Street end of Lower Domain Drive. From there, walk up Grafton Road to the Event Arena in John Hood Plaza.

Arrival by Public Bus

Buses along Symonds Street from the South West: Get off at stop 7147 or 7089, access the Grafton Gully Cycleway to get to the Event Arena. **Do not go past Wellesley Street.**

Buses along Anzac Avenue from the North/North East: Symonds St, which is the extension of Anzac Avenue is strictly OUT OF BOUNDS. The stops for the University (numbers 7144 and 7146) are on Symonds St and **are within the map so MUST NOT be used. You MUST alight at stop 7140 at the corner of Anzac Avenue and Beach Road.** You must then walk along Beach Rd to Stanley St and then on to the Grafton Cycleway at the bottom of Alten Rd, exiting at Grafton Rd. **Do not go past stop 7140.**

Outer Link bus: The Outer Link bus on the **anti-clockwise** route stops at 83 Parnell Rise, Stop 7185. The next stop is within the embargoed area. From Stop 7185, join the Grafton Cycleway to walk to the event arena. **Do not take the Outer Link bus on the clockwise route.**

Inner Link bus: The Inner Link buses in either direction stop at Auckland Hospital in Park Road. For the clockwise route, the stop is number 7227, and for the anti-clockwise route it is 7228. From Park Road, walk west to Grafton Road. Follow Grafton Road down the hill and across Stanley Street to the Event Arena.

Map Details

The map is drawn to ISSOM standard, scale 1:4,000, contour interval 2.0 m. Map size: A4. Mapped between December 2016 and March 2017.

This area was previously part of a larger 1:7,500 map entitled 'Grafton' which was mapped in the late 1990's. This map may be found at <http://wmoc2017.com/>.

Warm up Map

There will be a warm up map of a small area on the route to the start. Maps will be available from a box just prior to the warm up area.

Starts

First start is at 11:00 am. All competitors will start from the same Start (1). There is shelter from the weather. Toilets, and water will be provided.

Start times will be available at <http://wmoc2017.com/> as well as <http://www.worldmastersgames2017.co.nz/the-sports/find-your-sport/orienteering/> as soon as possible after 18:00 on the evening of Sunday 23 April, and at the Event Arena, and prestart.

Distance to Start

The start is 750 m from the Event Arena, with 28 m climb. Allow at least 20 minutes as there are two controlled road crossings which will delay you, and the warm up map you can look at on the way. The route will be signposted. Grafton Road must be crossed at the traffic lights at the South-Western corner of the Owen Glenn Building. There will be marshals here to ensure that you obey the pedestrian signals. Proceed south-west along the Grafton Gully Cycleway, following signs.

Transport will be provided to the start for competitors in the 85+ age classes if required. Please inform the Sports/Games Info Desk at least 90 minutes prior to your start (or the day before) if you require this and arrangements will be made.

Terrain, Map notes and Hazards

See general notes in Section 14.

Three public roads cross the map. Two of these will be closed to traffic, and may be crossed at any point. The third, which will be open to traffic, is marked as out of bounds on the map, with purple hatching and crossing this road at street level is strictly forbidden. All courses have a compulsory tunnel crossing beneath this road. The tunnel is mapped as a marked route on both the map and control descriptions (See right). Use of the foot path along the edges of this road is permissible.



Compulsory crossing

Spectator controls

There are some spectator controls west of the arena. All courses of 2.3 km or longer visit this area and spectators will be able to see some competitors passing through.

Medal Ceremony

The Sprint medal ceremony will be held in the Event Arena at 15:30 or as soon as possible thereafter. See Section 23 for more details

Course Information

Class	Start	Expected first start time	Length (km)	Climb (m)	Controls		Class	Start	Expected first start time	Length (km)	Climb (m)	Controls
M35-A	1	12:00	3.5	40	23		W35-A	1	13:38	3.0	32	22
M35-B	1	11:00	2.8	30	21		W40-A	1	12:10	2.8	30	21
M40-A	1	13:07	3.5	40	24		W40-B	1	11:00	2.3	34	17
M40-B	1	13:40	2.7	34	23		W45-A	1	11:58	2.6	24	23
M45-A	1	13:28	3.2	38	23		W45-B	1	12:10	2.1	16	16
M45-B	1	13:30	2.6	24	23		W50-A	1	11:25	2.4	26	19
M50-A	1	11:00	3.1	36	23		W50-B	1	13:15	1.9	18	16
M50-B	1	12:35	2.4	26	19		W55-A	1	11:05	2.2	22	16
M55-A	1	12:32	2.9	34	24		W55-B	1	11:40	1.7	16	16
M55-B	1	12:10	2.2	22	16		W60-A	1	12:30	2.0	18	17
M60-A	1	11:20	2.7	34	23		W60-B	1	11:00	1.7	16	13
M60-B	1	12:55	2.1	18	18		W65-A	1	12:00	1.9	18	16
M65-A	1	11:40	2.3	34	17		W65-B	1	13:00	1.5	8	12
M65-B	1	12:39	2.1	16	16		W70-A	1	13:08	1.7	16	13
M65-C	1	11:00	1.9	18	16		W70-B	1	11:25	1.3	10	14
M70-A	1	11:32	2.1	18	18		W75-A	1	12:22	1.5	8	12
M70-B	1	11:34	1.7	14	12		W75-B	1	11:00	1.1	10	11
M75-A	1	13:05	1.7	16	16		W80-A	1	12:59	1.3	10	14
M75-B	1	11:00	1.4	10	15		W85-A	1	12:40	1.1	10	11
M80-A	1	13:07	1.4	10	15							
M80-B	1	12:09	1.1	10	11							
M85-A	1	12:24	1.3	10	14							
M90-A	1	13:05	1.1	10	11							

Course closure 15:15

18. Long Distance Races – General Information, Mapping Notes and Hazards

The Long Distance Events take place in Woodhill Forest (Te Ngahere o Woodhill), over 12,500 hectares of exotic – mostly pine - forest northwest of Auckland city. Woodhill Forest stretches 40 km from Muriwai in the south, with its famous beach and gannet colony, to the Kaipara Heads and harbour entrance in the north.

The coastal land was originally covered in native grasses and bush; however late nineteenth century farming practices resulted in devastating coastal sand invasion. Starting in the Great Depression, pine forests were planted to stabilise the growing dunes. In 2014, Ngati Whatua o Kaipara (the local Māori tribe or iwi), purchased the land from the New Zealand government with proceeds from their Treaty of Waitangi settlement. We are grateful to the iwi for continuing access to Woodhill for orienteering. The forest is also a popular venue for mountain biking, horse riding, 4WDs and motorbiking, and has even been used for several filmsets.



NZ Native Bush

Maps

All Long Distance maps are drawn to ISOM specifications, with approved deviations to allow map scales of 1:10,000 for M/W35-55 and 1:7,500 for M/W60-90, and are printed on waterproof (Teslin) paper.

Terrain and Vegetation

The terrain is similar for all three races. The forest is mostly radiata pine planted on undulating to moderately steep sand-dune terrain, with good to excellent runnability. There are also small pockets of native New Zealand bush with reduced visibility and runnability, and a coastal strip that contains more intricate dune systems and variable vegetation including some rough open areas and some areas of windblown sand. There is a network of widely spaced forestry roads and some motorbike, 4W Drive, and horse tracks. Only the most distinct of these tracks are mapped. Every effort has been made to ensure consistent mapping across all three maps.



Radiata Pine

There are many man-made pits, knolls and trenches, usually alongside or close to forest roads or major paths, particularly in the Long Qualification area.

These have been made to deter unauthorised vehicles from entering the forest. In some instances, the features are too numerous or too closely spaced to map individually, and mapping has been generalised, or the broken ground symbol has been used.





Knoll and pit



Trench and broken ground

Hazardous plants



Cortaderia selloana

Pampas grass (*Cortaderia selloana*) is widespread in Woodhill Forest. It has 1-2 m long bluish-green leaves and a distinctive fluffy white flower-head on a long stem. In some areas, it is sparse and does not affect runnability. In others, it is mapped with green stripes (ISOM 407 or 409), or green screen (ISOM 406, 408 or 410) depending on its density and height and its effect on runnability and visibility.

Although usually easy to brush past, the leaves are very sharp and can result in a nasty cut if rubbed against in the wrong direction. Do not try to grab the leaves or put your face in a bush!

Full arm and leg cover is strongly recommended.



Muehlenbeckia complexa

In some clearings and other open areas of the forest, the tangly ground cover plant, Pohuehue (*Muehlenbeckia complexa*), poses a trip hazard.



Cupressus macrocarpa






At the coastal edge of the forest on the Long Final map there are strips of macrocarpa trees. These trees have harsh branches with spiked ends and could easily scratch you or cause an unpleasant eye injury.

Consider eye protection, especially for the Long Final.

Other Hazards

Alongside some forest roads are posts and 2 - wire fences approximately 1 m high, which may be difficult to see. In many places the fences are ruined, and the wires are on the ground.

Special Symbols (Long Event Maps)

	ISOM symbol	Feature
419		Large distinctive tree
420		Small distinctive tree
418		Tree stump, 2m or more in size. Multiple closely spaced stumps are not mapped separately
539		One or more closed water tanks, usually concrete
540		Other man-made object

19.Long Model – Tuesday 25 April – Woodhill “Puketapu Road”

Coordinates of intersection of Forest Entry Point Restall Rd/SH16

36.74724S 174.43829E

Coordinates of Event Arena

36.74997S 174.38751E

Transport options and routes

Gold and Silver registrants

Please see Section 9 for detailed information on your transport. Competitors will be dropped off close to the Event Arena. After the Model, competitors should find their way to the Bus Parking which is SW of the Event Arena on Puketapu Road (see diagram below).

Driving instructions and parking

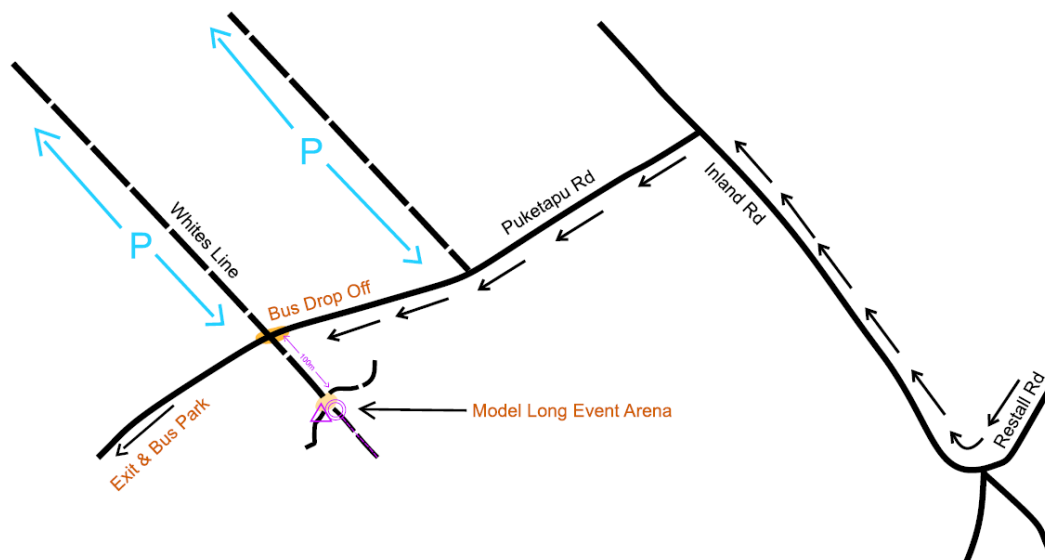
Coming from Auckland CBD: take State Highway 16 heading north to the Restall Rd turn off at Woodhill on the left. From here follow the signs into the forest. Allow approximately 50 minutes from central Auckland.

Coming from the North: leave Helensville on State Highway 16 and head south for approximately 15 minutes to Woodhill, and turn right into Restall Road. From here, follow the signs into the forest.

Arriving by private vehicle (Bronze Package Holders and supporters)

Please try to carpool where possible. Ensure you bring the correct Parking Voucher (see Section 14) and have it on display before you arrive. Please follow organisers’ instructions to the designated parking areas. If coming by private vehicle, participants need to allow extra time for parking and walking for up to 2 km to reach the Event Arena.

Event Arena





Map Details

Mapped to ISOM standard, scale 1:10,000 on one side and 1:7,500 on the other, contour interval 2.5 m, map size A4. Maps are provided in your registration packages. Extra copies will be available for a gold coin donation (\$1), as long as supplies last. Control descriptions are printed on the map.

Starts

Start at any time between 13:00 and 16:00. Course closure is at 16:30. The Start and Finish are adjacent to the Event Arena.

For safety reasons, every person participating in the model event MUST register by punching the SI units at the start and finish, and downloading at the download station. Those who forget their SI-card must sign in at the Start, and sign out at the Finish.

Terrain and Hazards

See also Section 18 for detailed Terrain Description, Map Notes, and information on Hazards; and Section 13 Training Opportunities and Tips for Woodhill.

The area is mostly mature open pine forest on sand dune terrain, and is typical of the Qualification and Finals areas. There is a coastal strip of mature non-harvest pines which are sometimes dense and contorted. Between these two types of vegetation there is a strip of predominantly green-mapped forest adjacent to Coast Road. This is NOT typical of the Long Qualification and Long Final areas, but it is necessary to get through this strip to access the controls in the coastal strip. There are two tracks at the north end which give access through the green. At the south end runnability is better. Closer to the beach, there is a strip of open dunes with low grasses and bushes. This is typical of what participants on longer courses may find. There is one control very close to the beach which offers a grand view of the Tasman Sea.

Emergency Safety Bearing

North or south to Coast Road. Coast Road is a major gravelled vehicle road.

Course Information

Controls will be placed to illustrate the terrain, the mapping style and control features to be expected in the Long Qualification and Final races. A sample water station and a compulsory road crossing point will also be set up.

As this is a model event you may visit controls in any order. Punching controls is optional, however every participant must punch the start and finish boxes, and download after finishing. No results will be published.

20. Long Qualification 1 – Wednesday 26 April – Woodhill Forest “Temu Road”

Gold and Silver registrants

Please see Section 9 for detailed information on your transport. Buses will drop off passengers about 500 m from the Event Arena. Allow for a 10 minute walk.

Arriving by private vehicle (Bronze Package Holders and supporters)

Please try to carpool where possible. Ensure you bring the correct Parking Voucher (see Section 9) and have it on display before you arrive. Please follow signs and marshals' instructions to the designated parking areas. If coming with own transport, participants need to allow extra time for parking and walking for up to 3.5 km to reach the Event Arena.

Coming from central Auckland: take State Highway 16 heading north to the Restall Rd turn off to Woodhill Forest on the left. From here follow the signs into the forest. From Auckland to the car parking location is 60 km, 5 km of which is on unsealed forest roads. A section of Restall Rd may be under STOP/GO control to ensure safe passage of other vehicles around logging trucks. Please follow the directions of the STOP/GO marshals. Allow approximately 60 mins from central Auckland to the parking.

Coming from the North: leave Helensville on State Highway 16, head south for approximately 15 minutes and turn right into Restall Road. From here, follow the signs and marshals' instructions into the forest.

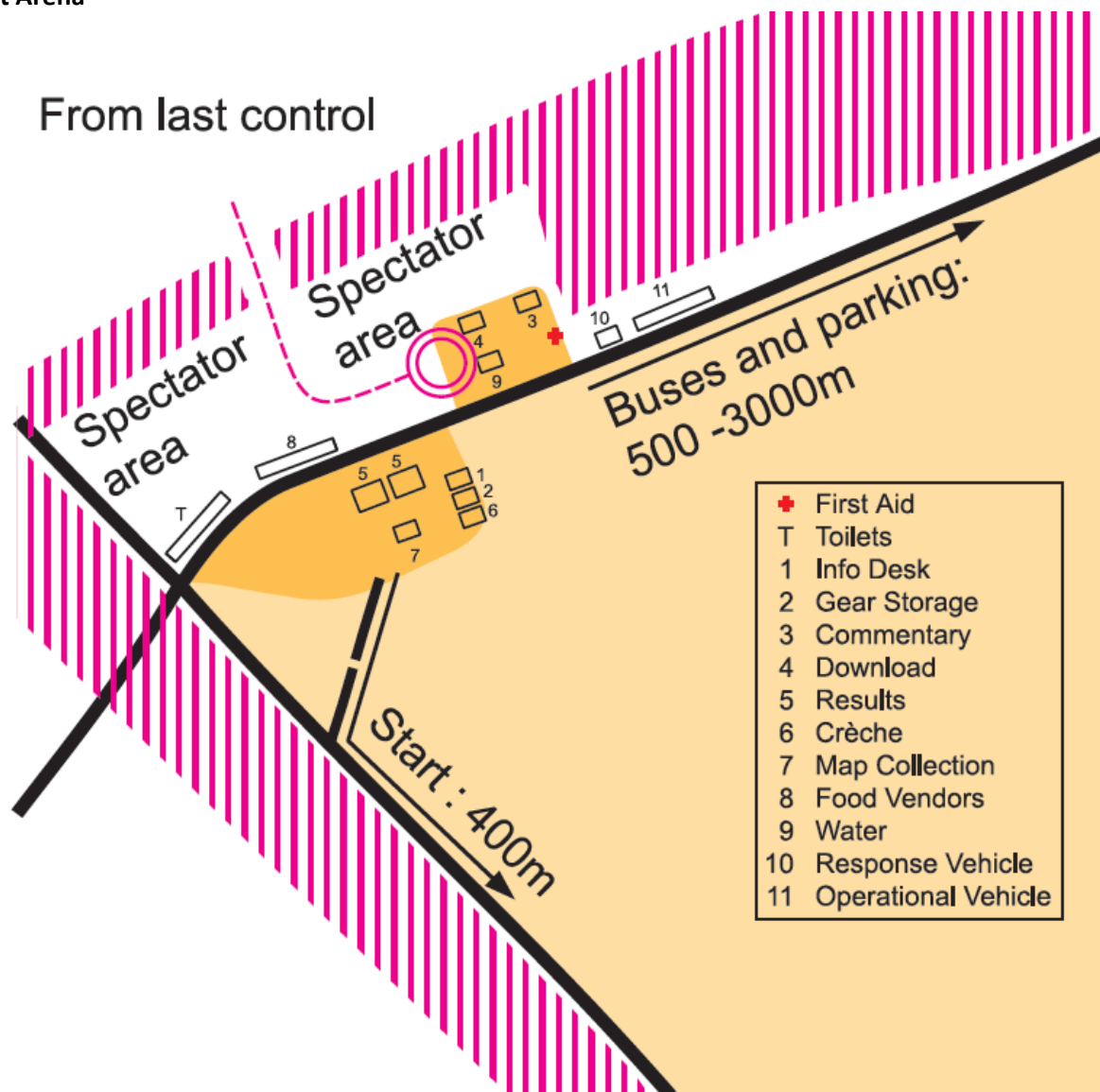
Coordinates of Forest Entry Point intersection Restall Rd/SH16

36.74724S 174.43829E

Coordinates of Event Arena

36.713322S 174.363007E

Event Arena



Map Details

ISOM standard, scale M/W35-55 1:10,000; M/W60-90 1:7,500; contour interval 2.5m. Map Size A4 or A3. Surveyed in 2015-16.

Previous map used for New Zealand Orienteering Championships 1986; available at wmoc2017.com.

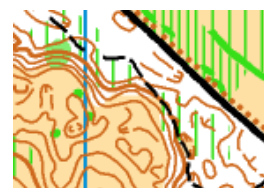
Starts

First start is at 10:00. All competitors will start from the same Start (1).

Start times will be available at <http://wmoc2017.com/> and <http://www.worldmastersgames2017.co.nz/the-sports/find-your-sport/orienteering/> from 31 March, at the Event Arena and prestart.

Distance to Start

Approximately 400 m. Follow the taped route from the southern edge of the arena. There will be no toilets and no water at the Start. Please use the facilities at the arena.



Terrain and Hazards

Mainly mature pine forest on sand dunes offering very fast running. There are some areas of open dunes near the coast, and some felled areas – both are mapped as rough open, slow run terrain. See detailed notes in Section 18.



Emergency Safety Bearing

Northwest to Rimmer Road. Rimmer Road is a major gravelled vehicle road which will be open to public vehicles.

Course Information

Class	Start	Length (km)	Climb (m)	Controls		Class	Start	Length (km)	Climb (m)	Controls
M35-1	1	9.4	250	21		W35-1	1	5.7	155	13
M40-1	1	8.6	220	18		W40-1	1	4.9	140	14
M45-1	1	7.8	180	18		W45-1	1	4.2	130	12
M50-1	1	6.7	170	17		W50-1	1	3.7	105	13
M50-2	1	6.7	170	16		W50-2	1	3.6	95	12
M55-1	1	5.6	160	13		W55-1	1	3.6	95	12
M55-2	1	5.7	155	13		W55-2	1	3.6	100	13
M60-1	1	5.1	140	14		W60-1	1	3.3	90	13
M60-2	1	4.9	140	14		W60-2	1	3.3	85	12
M65-1	1	4.6	130	14		W65-1	1	3.3	85	12
M65-2	1	4.8	125	14		W65-2	1	3.3	90	13
M65-3	1	4.6	130	14		W70-1	1	3.0	80	11
M70-1	1	4.2	130	11		W75-1	1	2.4	55	9
M70-2	1	4.2	130	12		W80-1	1	1.6	45	7
M70-3	1	4.2	130	11		W85-1	1	1.6	45	7
M75-1	1	3.6	100	13						
M80-1	1	3.0	80	11						
M85-1	1	2.4	55	9						
M90-1	1	1.6	45	7						

Course Closure 16:00

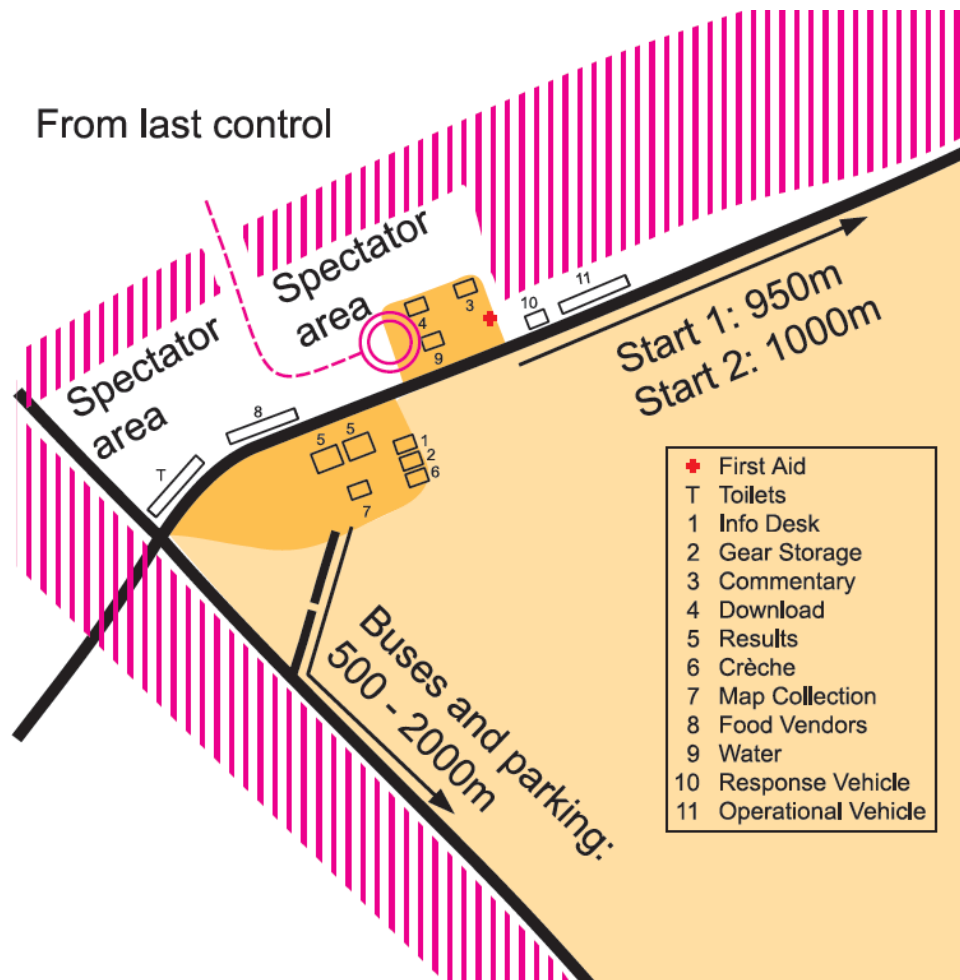
21. Long Qualification 2 – Thursday 27 April – Woodhill Forest “Temu Road”.

The location of the Event Arena is the same as for Long Qualification 1.

Buses will be parked 1.4 km to 1.6 km from the Event Arena. Allow for a 20 minute walk.

If coming with own transport, please follow the directions for Long Qualification 1. Allow time for parking and walking up to 2 km to reach the Event Arena.

Event Arena



Map Details

ISOM standard, scale M/W35-55 1:10,000; M/W60-90 1:7,500; contour interval 2.5m. Map Size A4 or A3. Surveyed in 2015-17. Previous map used for New Zealand Orienteering Championships 1986; available at wmoc2017.com.

Starts

The first start is at 10:00. There are two starts: Start 1 is for M35-M50 and W35 classes. Start 2 is for all other classes. There will be toilets and water at each Start.

Start times will be available at <http://wmoc2017.com/> and <http://www.worldmastersgames2017.co.nz/the-sports/find-your-sport/orienteering/> from 31 March, at the Event Arena and prestarts.

Distance to Starts

Start 1: 950 m from Event Arena along undulating forestry roads.
 Start 2: 1.05 km from Event Arena along undulating forestry roads.



Terrain and Hazards

Pine forest on undulating to steep sand dunes, with varying runnability. Some areas of very fine contour detail, and small pockets of native bush. See detailed notes in Section 18. The road along the north-western edge of the map will be open to non-orienteering traffic. If using this road please run along the edge, and watch out for vehicles.



Emergency Safety Bearing

North or south to Inland Road: Inland Road is a major gravelled forest road.

Course Information

Class	Start	Length (km)	Climb (m)	Controls		Class	Start	Length (km)	Climb (m)	Controls
M35-1	1	8.3	290	24		W35-1	1	5.4	155	19
M40-1	1	7.8	225	24		W40-1	2	4.3	135	14
M45-1	1	6.9	245	21		W45-1	2	3.7	135	12
M50-1	1	6.1	180	18		W50-1	2	3.3	125	12
M50-2	1	6.0	180	21		W50-2	2	3.3	130	13
M55-1	2	4.7	150	16		W55-1	2	3.2	100	11
M55-2	2	4.6	145	16		W55-2	2	3.2	100	12
M60-1	2	4.3	135	14		W60-1	2	3.1	105	11
M60-2	2	4.3	140	13		W60-2	2	3.0	100	11
M65-1	2	3.9	150	12		W65-1	2	2.9	110	10
M65-2	2	3.9	130	12		W65-2	2	3.0	100	10
M65-3	2	3.9	120	14		W70-1	2	2.5	70	9
M70-1	2	3.7	135	12		W75-1	2	2.0	50	8
M70-2	2	3.7	130	12		W80-1	2	1.4	30	7
M70-3	2	3.7	130	12		W85-1	2	1.2	25	6
M75-1	2	3.2	100	11						
M80-1	2	2.5	70	9						
M85-1	2	2.0	50	8						
M90-1	2	1.2	25	6						

Course Closure 16:00

22.Long Final – Saturday 29 April – Woodhill Forest “Hedley Dunes”

For all competitors, the Event Arena is a 900 metre walk from the closest parking, across farmland and forest tracks. Allow 20 minutes, plus additional time for more distant parking locations.

Warm up map

A map of the warmup area surrounding the arena will be available for competitors as they enter the forest from the parking area. A collection point will be available for warmup maps on the way to the Start.

Coordinates of Event Arena

36.618961S 174.294159E

Coordinates of intersection of South Head Road/Wilson Road

36.578160S 174.326059E

Coordinates of Car Park

36.614831S 174.302455E

Transport options and routes

Gold and Silver registrants

Please see Section 9 for detailed information on your transport.

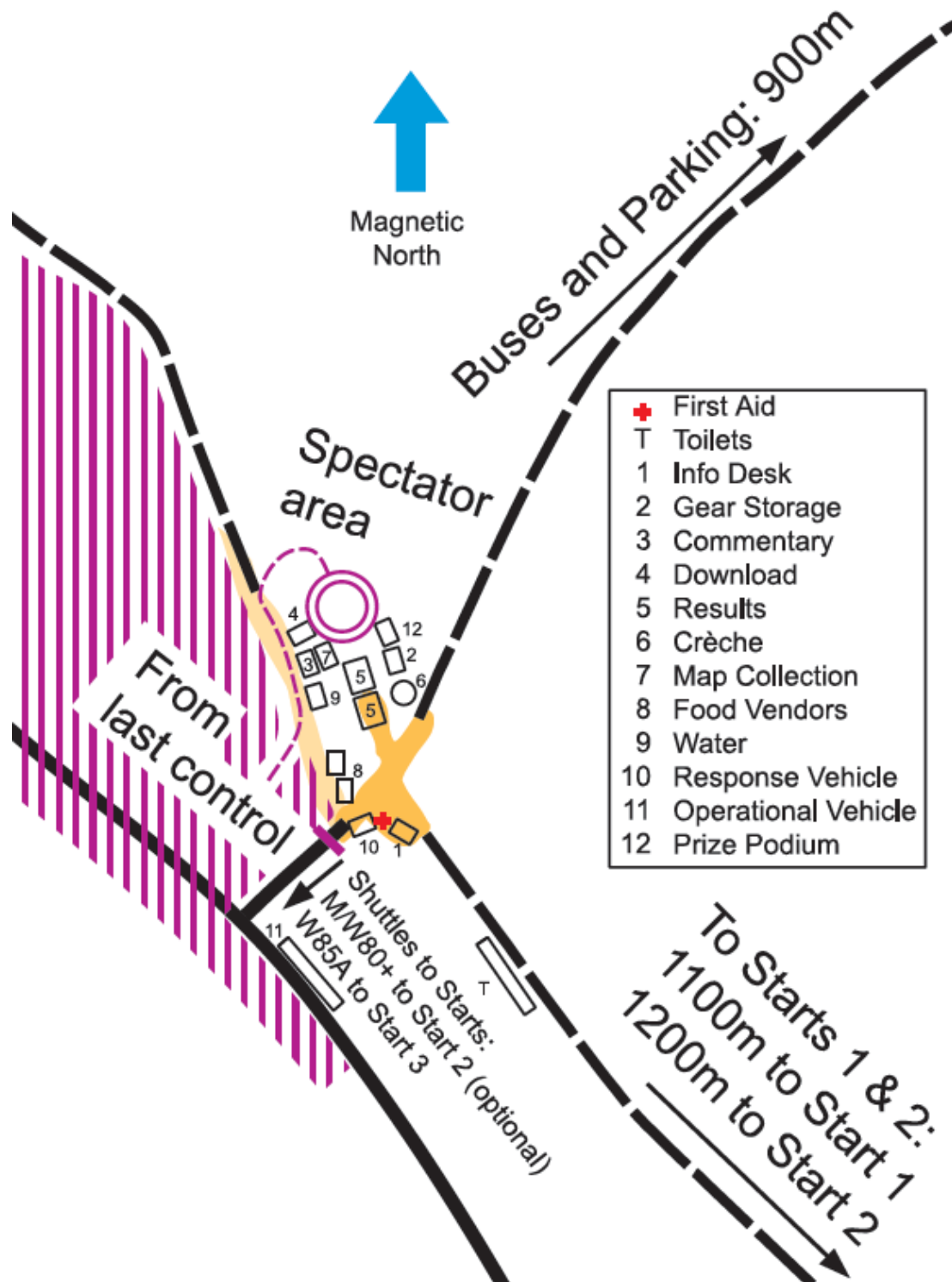
Arriving by private vehicle (Bronze Package Holders and supporters)

Please try to carpool where possible. Ensure you bring the correct Parking Voucher (see Section 14) and have it on display before you arrive. **Please follow organisers’ instructions** to the designated parking areas.

From Auckland travelling west: Take Northwest Motorway /Highway 16. Follow signs for Helensville/SH 16 north for 43km to the roundabout just southwest of Helensville. Take first turn left onto Parkhurst Rd and follow for 3km merging into South Head Rd. Follow South Head Rd 14km north, turn left into Wilson Rd and follow for 7 km to road end. The Wilson Rd intersection will be marshalled and have a 50 km/hr limit. The event is signposted from Wilson Road.

From Auckland travelling north: Follow northern motorway to Silverdale off-ramp. Turn first left onto Dairy Flat Highway, 200 m turn right into Pine Valley Rd and follow to Kahikatea Flat Rd and then 5 km to Kaukapakapa. Turn left onto Kaipara Coast Highway and travel south into and through Helensville to roundabout. Take second exit on left onto Parkhurst Rd and follow Parkhurst Rd 3 km merging onto South Head Rd. Follow South Head Rd 14 km north and turn left into Wilson Rd and follow 7 km to road end. The Wilson Rd intersection will be marshalled and have a 50 km/hr limit. The event is signposted from Wilson Road.

Event Arena



Map and technical details

Map: Hedley Dunes mapped in 2017. ISOM standard, scale M/W35-55 1:10,000; M/W60-90 1:7,500; contour interval 2.5m. Map Size A4 or A3. Surveyed in 2015-17.

Competitors in M35-A and M40-A classes will have a map flip, with the latter part of their course printed on the reverse side. At the start, maps will be in the boxes with side 1 downwards. Ensure when you first pick

up your map, you turn it over and start from control 1. The first side will have a 1 in brackets after the class name in the top left hand corner of the map e.g. M35A (1), the second side will have a 2 e.g. M35A (2).

The M35-A Long Final course has 33 controls and the M40-A course has 30 controls. Competitors in these grades need an SI-card of sufficient capacity (see Section 10 Electronic Punching System).

Starts

The first start is at 10:00. There are three start locations: M35-A to M55-A and W35-A use Start 1. M55-B to M90-A, and W40-A to W80-A use Start 2. W-85-A use Start 3 (see Course Information Table). The top ten runners in each A final will receive their special bibs in the prestart area.

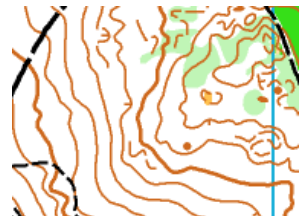
Start times will be posted on <http://wmoc2017.com/> and <http://www.worldmastersgames2017.co.nz/the-sports/find-your-sport/orienteering/> early on the morning of Friday 28 April. They will also be available at the Event Arena and in the prestart areas.

Distance to Starts and route

See the Event Arena diagram above for directions to Start 1 and Start 2. These are to the southeast of the arena, along a sandy track with about 20 metres of climb. Start 1 is 1100 m from the arena, about 15-20 minutes' walk. Start 2 is 1200 m from the arena, allow 20-25 minutes. At the 880 m point there will be toilets, water and facilities for clothing to be returned to the arena. From this point the routes to Starts 1 and 2 are in opposite directions; follow the signs to each start. There are no toilets or water, and no clothing return from either Start 1 or 2. A small warm-up area will be taped off in the forest adjacent to each start.

An optional shuttle will be available for competitors in classes M/W80 or over, from the Event Arena to the 880 m point on the way to Start 2. The pickup point will be signposted by the road barrier at the southwestern edge of the arena. Competitors who wish to catch the shuttle should assemble at the pickup point 40 minutes before their start time.

Start 3 is for W85A competitors only. A shuttle will transport competitors 800 m to their start. All W85A competitors should report to the Sports/Games Info Desk 30 minutes before their start time to catch the shuttle. Start 3 will have water and clothing return available, but no toilets. Warm up is possible on the road next to the start area.



Terrain and Hazards

Hedley Dunes offers a greater variety of terrain than in either of the Qualification races. Most courses will sample fast open pine forest, slower areas with reduced visibility and some native bush. See detailed notes in Section 18.

Emergency Safety Bearing

North or south to Inland Road: Inland Road is a major gravelled forest road, part of which will be in use by event operation vehicles.



Medal Ceremony and WMOC closing ceremony

The Long Distance medal ceremony and WMOC2017 closing ceremony will be held in the Event Arena at 15:30 or as soon as possible thereafter. See Section 23 below.

Course Information

Class	Start	Expected first start	Length (km)	Climb (m)	Controls		Class	Start	Expected first start	Length (km)	Climb (m)	Controls
M35-A	1	12:10	11.3	275	33*		W35-A	1	10:21	7.1	200	21
M35-B	1	10:01	9.2	250	28		W40-A	2	12:38	6.5	190	20
M40-A	1	11:28	10.3	265	30*		W40-B	2	10:31	4.9	140	19
M40-B	1	11:43	9.2	250	28		W45-A	2	10:01	5.4	145	19
M45-A	1	10:35	9.2	250	28		W45-B	2	12:20	4.7	135	16
M45-B	1	11:56	8.4	240	25		W50-A	2	11:25	4.9	140	19
M50-A	1	10:00	8.4	240	25		W50-B	2	10:01	3.8	110	16
M50-B	1	11:01	7.1	200	21		W55-A	2	10:10	4.8	135	16
M55-A	1	10:00	7.1	205	22		W55-B	2	10:11	3.8	105	13
M55-B	2	10:00	6.5	190	20		W60-A	2	10:00	4.5	130	15
M60-A	2	11:10	6.5	180	19		W60-B	2	10:01	3.7	100	12
M60-B	2	10:51	5.34	145	19		W65-A	2	11:40	4.2	115	14
M65-A	2	10:25	5.9	165	17		W65-B	2	10:20	3.5	80	12
M65-B	2	10:51	4.7	140	16		W70-A	2	11:41	3.8	110	16
M65-C	2	10:00	4.2	115	14		W70-B	2	11:41	3.0	70	13
M70-A	2	10:28	5.4	150	19		W75-A	2	11:01	3.0	70	13
M70-B	2	10:00	4.3	120	14		W75-B	2	11:20	2.3	55	8
M75-A	2	12:12	4.5	130	15		W80-A	2	10:40	2.3	55	8
M75-B	2	12:11	3.7	100	12		W85-A	3	11:40	1.5	25	8
M80-A	2	12:21	3.8	105	13							
M80-B	2	10:01	3.0	70	13							
M85-A	2	10:31	3.0	70	13							
M90-A	2	12:10	2.3	55	8							

* M35-A and M40-A courses have a map flip

Course Closure 16:45

23. Ceremonial and Social Activities

April 2017	21	22	23	24	25	26	27	28	29	30
Opening ceremony	WMG2017	WMOC								
Closing ceremony									WMOC	WMG2017
Medal ceremony				Sprint					Long	

Following the WMOC Opening ceremony there is some time for orienteers to meet up, but no specific WMOC banquet. Instead it is suggested orienteers make time to visit the WMG Entertainment Hub and enjoy the hospitality there.

Entertainment Hub Queens Wharf Downtown Auckland

The Games Entertainment Hub will be open every day throughout the 10 days of sporting competition, with nightly entertainment on offer, including some events which are exclusive to Games participants. Full details about the entertainment programme will be published on the WMG2017 website.

The Entertainment Hub is also home to the Gold Lounge – accessible only to Gold participants. The Gold Lounge is open every day offering a place to relax and unwind, with free Wi-Fi, electrical charging facilities, newspapers, light refreshments and concierge services.

WMG 2017 Opening Ceremony – Friday 21 April – Eden Park

See your WMG2017 Official Games Guide for more details.

Gates open: 17:30

Start time: 19:30

Estimated finish time: 21:00

We strongly advise that participants arrive early. All participants will require their WMG2017 accreditation to gain access to the Opening Ceremony. Participants will be seated in the stadium with their primary sport. Supporters and Officials will be seated with the primary sport they are supporting or affiliated with.

Participants will parade out of the stadium at the end of the Opening Ceremony with their primary sport. Supporters are encouraged to march with the sport they are supporting. The parade will proceed in the event of rain, so guests are encouraged to dress accordingly. Please note, the parade route involves stairs, as well as travel across uneven surfaces. Participants could be standing for up to an hour.

A range of food and beverages is available for purchase from inside the stadium.

The Opening Ceremony Transport Information Guide may be found at

<https://worldmastersgames2017.blob.core.windows.net/docs/Transport%20Information%20Guides/Transport-Information-Guide-Opening-Ceremony.pdf>.

WMOC Opening Ceremony – Saturday 22 April – Sprint Model Event Arena

The Opening Ceremony of WMOC 2017 will take place on Saturday 22 April at the Event Arena for the Sprint model at 14:00. Participants (competitors, organisers, guests, etc.) are invited to gather at the Event Arena where there will be the raising of the IOF flag, welcomes by representatives of the Federation and Orienteering New Zealand. There will be shelter in case of rainy conditions.

Social Gathering – Saturday 22 April – Sprint Model Event Arena

The WMOC Opening Ceremony will be followed by time to meet fellow orienteers in an informal setting. Light refreshments may be purchased from the food and coffee vendors present.

Sprint Medal Ceremony – Monday 24 April – Sprint Final Event Arena

The Sprint Championship medal ceremony will be held in the Event Arena following the event (about 15:30). Gold, Silver and Bronze medallists in each age class should assemble in the specified area before the ceremony begins. From there, they will be called to the podium (men and women in the same age group together) to receive their medals. WMG2017 and WMOC medals will be awarded. Medallists will then return to the specified assembly area.

Long Distance Final Medal Ceremony and WMOC Closing Ceremony – Saturday 29 April – Event Arena

The Long Distance Championship medal ceremony will be held in the Event Arena following the event (about 15:30), together with a brief closing ceremony for WMOC2017, lowering and passing of the IOF flag to the organisers of WMOC2018 in Denmark.

Gold, Silver and Bronze medallists in each age class should assemble in the specified area before the ceremony begins. From there, they will be called to the podium (men and women in the same age group together) to receive their medals. WMG2017 and WMOC medals will be awarded. Medallists will then return to the specified assembly area.

WMG 2017 Closing Ceremony – Sunday 30 April – Entertainment Hub, Queen's Wharf

This occasion honours the memories and companionships created during the Games, and features a handover of the organising responsibilities to the next host of the Summer World Masters Games in 2021, the Kansai region of Japan.

Start time: 18:30

There is limited capacity for this event, so we strongly advise that participants arrive early.

Participants will need to be wearing their WMG2017 Accreditation Pass to gain entry to the Closing Ceremony, or have their confirmation entry email and ID. Wear comfortable, warm clothing.

See you at WMOC in Copenhagen 2018

Haere ra

24.Statistics

WMOC 2017 Country statistics (at 3 March 2017)

Country	Count	Country	Count
Sweden	352	China	9
Finland	240	Hong Kong	8
Australia	205	Portugal	7
New Zealand	175	Ukraine	7
Norway	145	Latvia	6
Great Britain	90	Lithuania	6
Switzerland	74	Kazakhstan	6
Russia	59	Italy	5
Japan	49	Israel	2
Czech Republic	49	Hungary	2
Denmark	33	Romania	2
United States	31	Netherlands	2
Canada	30	South Korea	2
Belgium	23	Slovenia	1
Estonia	23	India	1
France	22	South Africa	1
Germany	22	Colombia	1
Austria	18	Ireland	1
Bulgaria	12	Croatia	1
Brazil	11	Total	1744
Slovakia	11	Countries	40

WMOC 2017 Class statistics (at 3 March 2017)

Event	Class	Entries		Class	Entries
Long	M35	30		W35	16
Long	M40	42		W40	41
Long	M45	65		W45	45
Long	M50	111		W50	94
Long	M55	158		W55	121
Long	M60	139		W60	128
Long	M65	210		W65	120
Long	M70	162		W70	76
Long	M75	71		W75	36
Long	M80	25		W80	17
Long	M85	12		W85	2
Long	M90	2		W90	0

Sprint	M35	30		W35	16
Sprint	M40	39		W40	41
Sprint	M45	64		W45	43
Sprint	M50	112		W50	91
Sprint	M55	155		W55	120
Sprint	M60	133		W60	127
Sprint	M65	202		W65	113
Sprint	M70	154		W70	72
Sprint	M75	70		W75	36
Sprint	M80	26		W80	16
Sprint	M85	11		W85	2
Sprint	M90	2		W90	0