

AUSTRALIAN
ORIENTEERING
CHAMPIONSHIPS

ARMIDALE NSW 2024

28 September
to
6 October
2024

BULLETIN TWO

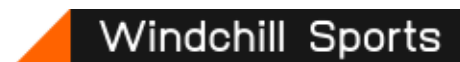
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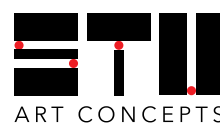
SUPPORTERS and SPONSORS

AOC 2024 SUPPORTERS



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AOC 2024 EVENT SPONSORS





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ORIENTEERING AUSTRALIA

I recall previous orienteering events in the New South Wales Northern Tablelands region as being most enjoyable, not just in the orienteering but also in the opportunity to enjoy what the region has to offer. Let's hope the weather god's smile upon the Australian Championships Carnival week with mornings of spring crispness leading to brilliant sunny days.



The organising team have been working very hard to provide a fantastic set of orienteering events across a range of terrains. With many of the forest format events on completely new orienteering terrain that looks fabulous from the map snippets and photos released it sure promises to be a great week of competition.

On behalf of Orienteering Australia, I extend a sincere thank you to the key organisers, course planners, controllers, mappers, and everyone else who has volunteered their time to ensure the success of the Australian Championships Carnival week. Orienteering is a sport of volunteers and without your efforts our sport would not exist in the way it does today. During the week, please make a point of saying thank you to all the people working hard to put on the events throughout the Carnival.

Thank you to the various government agencies and private landholders who have given the Australian Championships Carnival their valuable support and permission to access our sporting arenas. Orienteering absolutely relies on your support to allow us to experience the joy and challenge of our sport, and we acknowledge and appreciate your support.

Mike Dowling
Board Chair
Orienteering Australia

ORIENTEERING NSW

On behalf of Orienteering New South Wales, I am pleased to welcome orienteers to Armidale for the 2024 Australian Championships. The events will be held on one of the best granite areas in the state and I know there has been exhaustive planning to ensure you experience quality orienteering. I know the organisers have also planned spectacular arenas which will be not only a great experience for participants but spectators as well.



ONSW would also like to welcome all the State school's teams and New Zealand school's team to what is always an exciting competition. I would encourage all participants to attend the week events to cheer on your state team of young athletes who are the future of orienteering. It is also possible to compete on the maps and courses that the schools' teams use. We wish them all well.

Overall organisers Nick Dent and Ron Pallas and their team of mappers, course setters, controllers, and event organisers, technical experts and a myriad of other volunteers engaged on official tasks, have worked tirelessly over the past years to present events that will be challenging and enjoyable for the orienteering community. I am confident that this national event will meet participants expectations, renew acquaintances between orienteers and leave a lasting pleasant memory of the occasion for all who attend.



I would like to take this opportunity to thank all the personnel involved in putting on this event, particularly Ron Pallas and Nick Dent who have worked hard to put all this together over the past years.

A warm welcome to all orienteers and good luck in navigating around the many intricacies of Glenburnie.

Robyn Pallas
President ONSW

ARMIDALE REGIONAL COUNCIL



Welcome to Armidale and the New England region.

We are excited to welcome so many visitors to our wonderful region for the Australian Orienteering Championships, incorporating the Australian Middle, Long, Sprint and Relay Championships and the Australian Schools Championships events being hosted in Armidale and Uralla.

Sitting atop the New England plateau and surrounded by spectacular waterfalls, awe inspiring gorges and World Heritage listed national parks, our setting is unique. The Armidale region has something for everyone - be it adventure, cultural experiences, sporting endeavours or academic pursuits. For more information on what to do in our region go to visitarmidale.com.au.

Good luck to all competitors.

Cr Sam Coupland, Mayor



The AOC 2024 is being organised by the AOC 2024 Team on behalf of ONSW.

AOC 2024 TEAM PHILOSOPHY

The AOC 2024 organisation is made up of volunteers from all over NSW. It is not being organised by a club or clubs. It is a team who have all volunteered and who are committed to help plan, organise and present this major carnival. The AOC 2024 Team are committed to providing you with an experience that has three main components - GREAT MAPS, GREAT COURSES, GREAT ARENA.

AOC 2024 TEAM

Carnival Directors:	Ron Pallas	m 0424 720 165	email ronpallas@hotmail.com
	Nick Dent	m 0428 251 786	email nickdent7@gmail.com
Technical Director	Nick Dent		
Finance	Sharon Lambert		
Mappers	Glenburnie and Pine Tree	Maurice Anker, Don Barker	
	Fieldcheck	Rob Vincent	
	UNE and TAS	Duncan Currie	
Map Layouts	Maurice Anker		
Arena Presentation	Living It Live		
Start Manager	Julia Prudhoe		
Graphics	Stuart McWilliam		
Social Media	Mikayla Enderby, Living It Live		
Website	Shane Jenkins		
ASOC Organiser	Lyndy Hewson		

AOC 2024 Team of volunteers- as well as the people mentioned above and the technical team there are over 50 key volunteers who you will see working during the carnival. They will sometimes have an orange organisers shirt on. Take some time to thank them for their efforts.

EVENT	PLANNER	CONTROLLER
1 AUSTRALIAN MIDDLE DISTANCE CHAMPIONSHIP - WRE & NOL TEAM	Steve Craig	Alex Davey
2 AUSTRALIAN RELAY CHAMPIONSHIP NOL TEAM	Anna Fitzgerald	Hilary Wood
3A AUSTRALIAN SCHOOLS SPRINT CHAMPIONSHIP 3B THUNDERBOLT 3 DAYS	Oskar Mella	Nick Dent
4A AUSTRALIAN SCHOOLS LONG DISTANCE CHAMPIONSHIP 4B THUNDERBOLT 3 DAYS	Alvin Craig	Mark Shingler
5A AUSTRALIAN SCHOOLS RELAY CHAMPIONSHIP 5B THUNDERBOLT 3 DAYS	Rebecca George	Mark Shingler
6 AUSTRALIAN LONG DISTANCE CHAMPIONSHIP - WRE & NOL TEAM	Rob Vincent	Paul Prudhoe
7 AUSTRALIAN SPRINT DISTANCE CHAMPIONSHIP - WRE & NOL TEAM	Serena Doyle	Nick Dent



RESPECT

For Landowners, the Environment, Fellow competitors and the Organisers

We believe that a key part of enjoying the wonderful opportunities that orienteering provides is showing appreciation and respect to those who provide us with these opportunities.

To the Landowners: Glenburnie - Ron and Andrew Hawksford, Pine Tree - Bernie Fangmeier and Cheryl Mutch, University of New England, The Armidale School. To the diverse **environments** that these areas have. To the **organisers** - AOC 2024 Team and your **fellow competitors**. At all times we need to show respect for all of these.

WELCOME TO COUNTRY

At 9:00 on Saturday 28th we will be having a Welcome to Country in the arena for the Australian Middle Distance Championship hosted by

Steven Ahoy

EBE Cultural Heritage Advisor
Anaiwan Elder and Cultural Knowledge Holder
University of New England

INFORMATION

Website aoc2024.com.au

Email ronpallas@hotmail.com

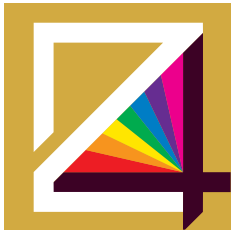
nickdent7@gmail.com



[2024 Australian Orienteering Championships | Armidale NSW | Facebook](#)

RESULTS

Results will be available live at <https://liveresultat.orientering.se/?lang=en>. There are many app such as Orienteering Live Results or O-Live that put the data in an app format if you prefer. If you do not have phone service at the event connect to the 'Results' wifi and browse the internet for free. If you don't want to type in the link then go to <https://livingitlive.com.au/eventresults/> and that will redirect you to the live results page. Links to Results, GPS tracking and Live video will also be on the carnival website.



GLENBURNIE PAST, PRESENT AND FUTURE

Glenburnie and the adjoining property Orana (or Oranah), on which the 2024 national orienteering championships are being held, lie on the land of the Nganyaywana (Anaiwan) traditional owners.

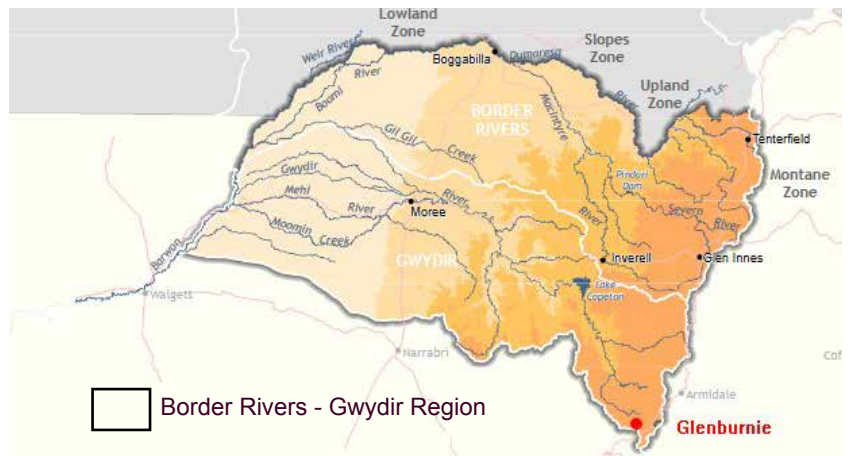
Sadly, the impact of colonisation on the native people of this area was ‘particularly severe’¹, and within about 30 years of the arrival of Europeans, the population of Anaiwan speakers had declined from an already small number of about 500 to only around 250. This means that most of the language disappeared fairly quickly, although much work is currently underway to try and recover it. The names that have been assigned to the championship maps are based largely on a document published in 1903². The name Rola Birkungirra chosen for the long championships map translates as ‘large rock’, and there is certainly plenty of that.



Approximate distribution of aboriginal tribal groups within New South Wales.

Geography

In geographical terms, Glenburnie and Orana lie on the northern slopes of the Nandewar Range in the southernmost part of the Copeton Catchment Area that feeds water into Copeton Dam and the Gwydir River system. Elevation ranges from about 870 m in Reedy Creek at the northern end to 1100 m at the top of the Nandewar range in the south.



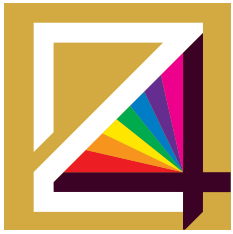
Location of Glenburnie within the Copeton Catchment

European Settlement

European settlers, in search of grazing lands for their sheep, first arrived on the New England tableland in 1832, when stations at Gostwyck and Walcha were established³. Others soon followed and Balala station, just to the north of Glenburnie, was established around 1840 by George Morse and Thomas Tourle⁴. By 1900 most of Balala station was owned by the Hudson family. The earliest readily available parish and property maps for the area date from 1895⁵, by which time Richard Hudson had an Improvement Lease on the northern section shown as Glenburnie on the map. The part of the property that later became known as Forest Hills was at that time crown land in the form of a Forest Reserve, while a large part of Oranah was owned or leased by John Rooney.

Over the years there have been some amalgamations, and in one case a subdivision, of titles, and by 1991 the Glenburnie and Forest Hills properties were in the hands of the Hawksford family (the current owners) operating as the Taloumbi Pastoral Company. Eventually Oranah, too, came under the Hawksford umbrella.

The Taloumbi Pastoral Company prides itself on the production of high quality superfine wool that is sold to mills in northern Italy.

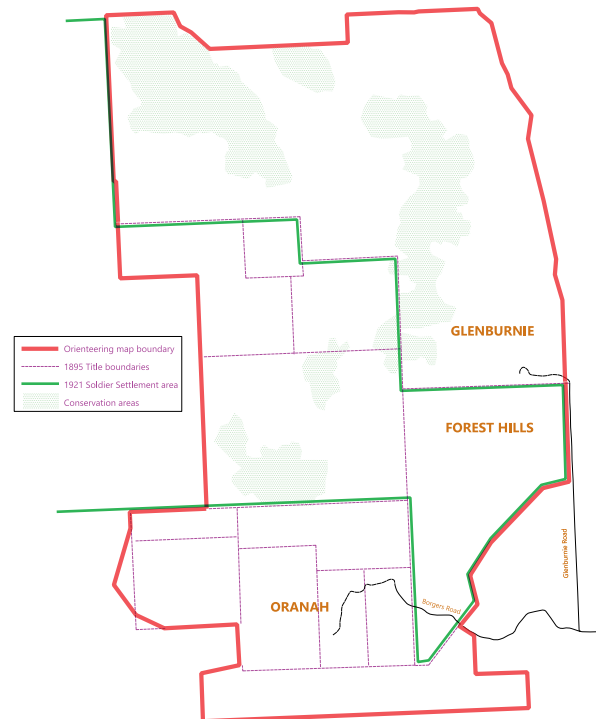


Biodiversity Conservation

The Hawksford family has a strong commitment to the preservation of the environment. In 1992 they began work on fencing off substantial areas of the property for conservation purposes. When the NSW Biodiversity Conservation Trust was formed in 2017, the areas were put under trust to ensure future preservation and to receive financial help to maintain the 21 km of fencing. Initially the reservation fences were constructed with several plain wires and just one or two barbed strands (and no netting) to allow relatively free movement of wildlife. Of the 347 hectares of existing and proposed conservation areas (green shading on the map), fencing of the two smallest sections has yet to be done; new fencing of these or other conservation areas will be with plain wire only to avoid injury to native animals.

People will observe, and perhaps be concerned about, a significant amount of recent clearing of eucalypt forest near the arena and in the early part of the relay courses. It needs to be pointed out that this clearing has been approved by both State and Federal agencies under strict guidelines regarding both type of clearing and the preservation of Critically Endangered Environmental Communities. Thus most of the clearing involves dominant stringy bark communities.

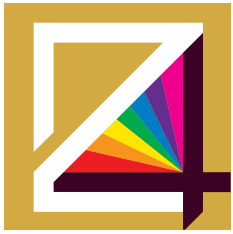
The property abounds (pun intended) with eastern grey kangaroos, wallaroos, wallabies, echidna, snakes and of course other smaller wildlife. Unfortunately it is also 'home' to numerous feral pigs, goats, and deer. Conservation of habitat and control of pest species is a costly and time consuming process and the land holder needs to generate sufficient income from pasture areas to allow this. Native pasture species and wooded areas are being actively conserved within the pasture areas. Wildflowers should be plentiful in late September/October, especially in the Conservation areas.



Historical title boundaries and Conservation Areas (green shading)

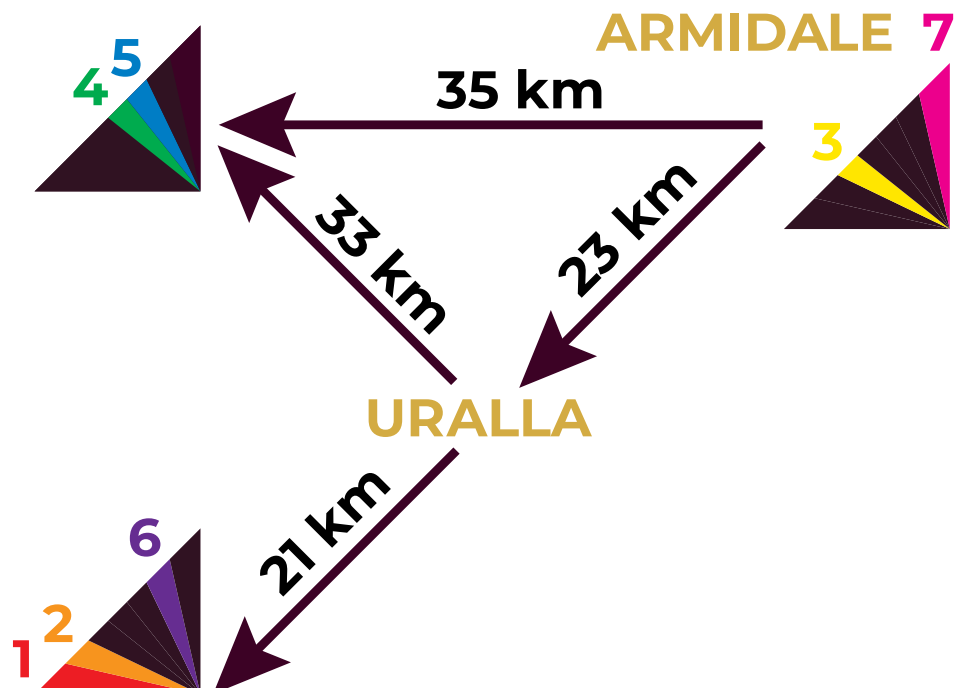


1. Callum Clayton-Dixon, *Reclaiming our story* (<https://www.sl.nsw.gov.au/stories/reclaiming-our-story>)
2. R.H. Matthews, *Languages of the New England Aborigines New South Wales*, Proceedings of the American Philosophical Society, Vol. 42, No. 173 (Apr. - May, 1903), pp. 249-263 (<https://www.jstor.org/stable/983737>)
3. Anne Bickford, Helen Brayshaw and Helen Proudfoot, *Thematic forest history and heritage assessment (non-indigenous) UNE/LNE CRA regions* (https://www.agriculture.gov.au/sites/default/files/sitecollectiondocuments/rfa/regions/nsw-north-east/cultural-heriatage/nsw_ne_na29eh.pdf)
4. Mark Parsons and Matt Bolton, *2020 Balala Station case study - narrative report* (<https://soilsforlife.org.au/wp-content/uploads/2020/01/Balala-Station-Case-Study-print-version-2.pdf>)
5. See <https://www.nswlrs.com.au/Parish-and-Historical-Maps>



EVENTS

DATE	EVENT	LOCATION
Saturday 28 Sept	1 AUSTRALIAN MIDDLE DISTANCE CHAMPIONSHIP WRE & NOL TEAM	"Rola Latherana"
Sunday 29 Sept	2 AUSTRALIAN RELAY CHAMPIONSHIP NOL TEAM	"Indwarra Kyuna"
Monday 30 Sept	Rest day	
Tuesday 1 Oct	3A AUSTRALIAN SCHOOLS SPRINT CHAMPIONSHIP 3B THUNDERBOLTS 3 DAY - DAY 1	The Armidale School
Wednesday 2 Oct	4A AUSTRALIAN SCHOOLS LONG DISTANCE CHAMPIONSHIP 4B THUNDERBOLTS 3 DAY - DAY 2	"Pine Tree"
Thursday 3 Oct	5A AUSTRALIAN SCHOOLS RELAY CHAMPIONSHIP 5B THUNDERBOLTS 3 DAY - DAY 3	"Pine Tree"
Friday 4 Oct	Rest day	
Saturday 5 Oct	6 AUSTRALIAN LONG DISTANCE CHAMPIONSHIP WRE & NOL TEAM	"Rola Birkungirra"
Sunday 6 Oct	7 AUSTRALIAN SPRINT DISTANCE CHAMPIONSHIP WRE & NOL TEAM	University of New England





GENERAL & TECHNICAL INFORMATION

COMPETITION RULES

1. [The Competition Rules for IOF Foot Orienteering Events 1-Jan-2024](#) apply to the World Ranking Events for WRE courses (Events 1, 6, and 7).
2. [The Competition Rules for Orienteering Australia Foot Orienteering Events 1-Jan-2024](#) apply to the Australian Orienteering Championships Group A events (events 1, 2, 6, and 7, and the Thunderbolts 3 Day Group B events 3b, 4b, and 5b).
3. [The Australian Schools Championships Rules of Competition 24 June 2024](#) apply to the Schools Championship events (3a, 4a, and 5a) in addition to the OA Group B event rules.

WORLD RANKING EVENTS (WRE)

The Australian Middle Distance, Long Distance and Sprint Championship events will all be World Ranking Events for M21E and W21E elite classes. At the Sprint this includes all competitors in M20E and W20E since they will be running the same course.



Competitors score IOF Ranking points at these events if they have registered as an **Athlete in IOF Eventor**. Any unregistered athletes entered in the elite classes should do so before the Carnival.

There are separate rankings for forest (Middle and Long) and Sprint – see [IOF World Ranking](#) page. You can find the current rankings for Australian athletes by searching the full rankings, selecting gender, selecting Middle/Long or Sprint, then selecting Federation Australia. Selecting Oceania will include New Zealand athletes.

NOL TEAMS COMPETITION

The OA HPMG are trialling in 2024 a teams competition for the Australian Orienteering Championships. With support of the OA board, the HPMG has decided to trial this in 2024. The individual competition will finish in May, but the teams competition will include the Australian Championships races. The current team scoring system, where every race counts, will remain. Therefore, no changes will be made to the teams competition except for adding more races.



All Australian Championships individual races will be included, including the Australian Relay Championship.

The Team point scores will be calculated as per section 2,2 of the OA Operations Guide [Rule 2.6 -2.6.3 in the Operations Guide Edition 6](#).

GPS DEVICES

In accordance with IOF and OA rules, competitors may not use or carry telecommunication equipment between entering the pre-start area and reaching the finish in a race, unless the equipment is approved by the organiser. GPS devices with no map function or signal to aid the user in finding direction may be carried.

WRE competitors please take note that the [IOF Rule 21.4](#) covering communication devices in quarantine zones.

GPS TRACKING

In the following events **1, 2, 3a, 4a, 5a, 6 and 7** some competitors will be required to carry a **GPS tracking device**. It has to be carried on the back of the competitor in an elastic harness.

The names of the competitors who will have tracking devices for each event from the classes in table below will be published on Eventor and on the AOC 2024 website. Elite competitors can pick up the GPS Tracker and harness at quarantine. Non elite runners will need to pick up the GPS tracker



and harness from Registration.

Event	Classes
1 Aus Middle	M21E, W21E, M20E, W20E
2 Aus Relay	M21E, M20E, W20E
6 Aus Long	M21E, W21E, M20E, W20E
7 Aus Sprint	M21E, M20E, W21E, W20E

GPS tracking will be used for live stream production, arena production on the big video screen and live online transmission. There will be harnesses to lend. All competitors will receive the GPS device in the quarantine zone. The GPS tracker and harness **MUST** be returned after the finish to the Registration tent.

MAPS

All carnival maps have been mapped to the “[International Specification for Orienteering Maps \(ISOM 2017-2 Jan 2024\)](#)” and the “[International Specification for Sprint Orienteering Maps \(ISSprOM 2019-2 Jan 2024\)](#)”.

Maps have been printed on synthetic waterproof Pretex paper. There will not be a legend on the maps.

Map Symbols for forest Orienteering Maps and Map Symbols for Sprint Orienteering are available from the IOF website. [IOF Control Descriptions](#)

VIDEO CAMERAS

During the races, competitors may encounter photographers and camera crews in the competition area. Competitors may also be followed by a running camera operator during the race. There will also be cameras at the start and finish.

HOT SEAT

At each event we will be having a hot seat located on the presentation platform. The leader in the finish for each class will be asked to sit in the HOT SEAT. When someone finishes in a faster time they take over the Hot Seat. So eventually we end up with the overall winner of the selected classes. There will be up to four classes nominated for each events Hot Seat. The arena commentary will announce these at each event.

We will provide a chair and some refreshments for those in the Hot Seat. See the arena layouts for the location of the Hot Seat.

For the selected Classes

Australian Middle	M21E, W21E, M20E, W20E
Australian Relay	M45, W45, M/W12
Schools Sprint	Senior Boys, Senior Girls, Junior Boys, Junior Girls
Schools Long	Senior Boys, Senior Girls, Junior Boys, Junior Girls
Schools Relay	Senior Boys, Senior Girls, Junior Boys, Junior Girls
Australian Long	M21E, W21E, M20E, W20E



Australian Sprint Course 1 (M21E, M20E, M18A), Course 2 (W21E, W20E, W18A)

COMPLAINTS, PROTESTS AND JURY

Participants who are unhappy or uncertain about any aspect of the competition are advised to report the issue to Registration immediately. If, following discussion with an appropriate official you wish to make a formal complaint, you must lodge this in writing with the Registration team no later than 15 minutes after the results for the relevant age class are complete. Registration will note the complaint and deliver it to the organiser.

Similarly, any protest about the outcome of a complaint must be lodged in writing with the Registration team no later than 15 mins after the outcome of the complaint is notified to all competitors affected by the decision. The Registration team will contact the appropriate officials to deal with the protest.

Complaints, protests and appeals will be handled by the event organiser and jury in accordance with the relevant (IOF and/or OA) Competition Rules. Protests may be made, in accordance with the Rules, at Registration. The latest time for a protest must be made no later than 15 minutes before the start of the presentation ceremony as listed in the bulletin. The Jury for any protest will be selected on the day from the available OA Level 3 Controllers according to the relevant (IOF or OA) Rules. If necessary, due to the unavailability of sufficient Level 3 controllers, the jury may include OA Level 2 Controllers.

CONTROL DESCRIPTIONS

Control descriptions will be printed on the front of each map. Separate descriptions will be available for collection as part of the pre-start process for non-relay events. IOF control descriptions symbols will be used on the map. Competitors on Moderate, Easy and Very Easy courses will have a choice of control descriptions with either English or IOF symbols at the Start.

WATER

Please bring your own water for hydration before and after each event.

Water on the courses will be provided in line with the [Australian Championships Competition rules 19.8 and 19.9](#). Competition Rule 19.8 states that: *"If the estimated winning time is more than 30 minutes, refreshments must be available at least every 25 minutes at the estimated speed of the winner. Refreshments should be at controls where feasible. If not at controls, they must be located such that refreshment points meeting the above requirements are available on any reasonable route choice without significant deviation."*

The provision of water on the courses is a safety measure which might save someone's life and is for drinking only. Please do not pour water over yourself.

Cups and other disposables such as gel wrappings must not be disposed of anywhere other than at drinks point.

If you require water out on course for the shorter courses, you are encouraged to take your own water. There will be no water provided by the Carnival organisers at the event arenas.



ELECTRONIC PUNCHING/ SIAC

Check that the SI/SIAC Air stick number on the start list is the same as the number of the stick that you are using. If it isn't, let the Finish Team know BEFORE you run your course.

Competitors are responsible for ensuring their presence at each control is recorded with an electronic punch. If (and only if) the SI unit at a control fails to respond, record your presence by using the manual punch in one of the reserve punch boxes on your map, and tell the Finish team when you finish. If no correct punch is recorded at a control, you will be listed in the results as MP (mis-punch), or as DNF (did not finish) if you abandoned your course.

This Championship will have optional SIAC punching. SI units will be in 'beacon mode' for SIAC contactless punching but will also record normal SI sticks that are 'punched' in the normal way. A SIAC battery test unit will be available in the pre-start area to check the battery level of your SIAC card. If the battery level is too low, the stick will still work in manual punch mode and it must be placed into each control unit (which will flash and beep in the conventional fashion) but there will be no flash or beep from the SIAC stick.

The **CLEAR SI** unit is programmed such that there may not be a beep from the SIAC card, but there will be a beep from the unit itself.

The **CHECK SI** Unit will turn on contactless mode in your SIAC card.

To check that **SIAC** contactless mode has been turned on, a **SIAC ON** test unit will be placed in the +3 minute box.

CLEAR and **CHECK** units will be located at the entry to the prestart area at each start

TAPE COLOURS



Red and White tape – not to be crossed unless at a marked crossing point. All out of bound's areas, arena, finish shute, mandatory passages, start layout and fence crossings.



Blue and White tape- streamer trails marked on the course maps.



Orange tape - Start 1



Blue tape - Start 2



Danger Tape - Dam near arena

FIRST AID AND INJURIES ON COURSE

Injured competitors who need assistance should, if possible, blow a whistle six times periodically at approximately one-minute intervals. It is the duty of all competitors to help injured runners. If you hear six whistle blasts you should investigate, and render such assistance as you can, which may include abandoning your course to provide first aid or to go straight to the finish to raise the alarm.

First aid professionals will be located at the arena for each event including qualified GP's.

WHISTLES

We recommend that all competitors carry a whistle for all bush events in the carnival.



QUARANTINE

There will be compulsory quarantine for all elite classes at the Australian Middle and Sprint Championships **BUT** only M/W21E at the Australian Long Championship. Please read the specific quarantine details for each event - location and timing - in the bulletin section for that event.

The School's Long Championship will also have quarantine for all competitors - Independent and Official State athletes.

REGISTRATION

Pre event Registration will be available on Friday 27th Sept 5:00pm - 8:00pm.

At Multi Purpose Centre, New England Girls School, Armidale. Enter the school from Uralla Rd - eastern gate. Follow O signs to parking. MPC is on the western side of the school.

The **Registration Tent** will be open for enquiries and carnival registration at the entrance to the arena at each event. Chest numbers, pre-purchased AOC 2024 shirts and caps and hired SI sticks can be collected from here. Please note that there are no enter on the day courses at events 1,2,6 and 7. There will be enter on the day courses at events 3,4 and 5. (see **Enter On Day** below).

The registration tent will be open from 8am at each of the events.

CHEST NUMBERS

Every participant will be issued with a chest number that must be worn at each event. The number must be worn on the front of the competition clothing, at chest height. If you should lose or misplace your number, please report to the Registration Tent for a replacement. Pins will be available when you pick up your chest number. Elite runners can pick up their chest number at the entry to quarantine.

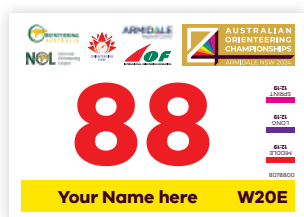
There will be separate chest numbers for the school's events. These will be issued to the school's team managers.

ELITE CHEST NUMBERS

See the sample below. Each elite class will have a coloured bar where the name and class is. This colour matches the coloured label on the back of the maps that you will have in the Australian Middle Distance Championship.



M20E Orange



W20E Yellow



M21E Blue



W21E Magenta

START LISTS

Start lists for events 1,6 and 7 will be on Eventor from at least one week before the start of the competition. They will also be displayed at the Registration Tent and the prestart. Check your SI/SI Air stick number is correct and if it isn't, email ronpallas@hotmail.com



START PROCEDURES

 **Event 1 Australian Middle Distance** (except Elite classes)

 **Event 6 Australian Long Distance**

 **Event 7 Australian Sprint Distance**

It is each runner's responsibility to be at the start on time.

A silent start procedure will be used.

All SI or SIAC sticks must be cleared with the CLEAR unit prior to entering the pre-start.

There will be a 3 minute pre-start.

Time	Box	Action
Start Time +3 minutes	1	Bib and SI number check Check SI or SIAC stick Optional SIAC ON Check
Start Time +2 minutes	2	Collect Control Descriptions
Start Time +1 minute	3	Stand at Maps
Start Time		Take map and GO

 **Event 3 - Thunderbolts 3 Day - Day 1**

 **Event 5 - Thunderbolts 3 Day - Day 3**

Select a start time label for your course from the table at the Registration. Attach this label to your number bib. Report to the start at least 3 minutes before the start time on the label. The start procedure will then be the same as above except it will be a **punching start**.

Starts will be at 30 sec intervals.

On the Start 'beep' pick up your map, punch the Start SI, THEN look at your map and start your course.

 **Event 4 - Thunderbolts 3 Day - Day 2** Optional MASS START

We are planning on having a MASS START for each course

Class	Start Time	Class	Start Time
Men A	13:00	Women A	13:02
Men B	13:04	Women B	13:06
Men C	13:08	Women C	13:10
Men D	13:12	Women D	13:14
Men E	13:16	Women E	13:18
Men F	13:20	Women F	13:22
Men G	13:24	Women G	13:26

If you do not want to start in the mass start you can start by queuing from 13:28. Start interval 30 sec.



LATE STARTS



Events 1, 6 and 7.

Report to the late start official

Don't waste time explaining your reason for lateness.

You will be started with a start punch on the next available half minute. Time adjustments, if appropriate will be resolved at the finish.

START CLOCKS

A pre-start clock will be displayed at the entry to the start chute. This will display time +3 minutes.

A start clock will be displayed at the front of the map boxes. This will display the actual start time and will count down to start time.

SHADOWING AND COACHING-M/W10 NOVICES

Shadowing or coaching is not allowed during the Carnival other than in the M/W10N class at the Australian Middle Distance, Long Distance and Sprint events. In this class entrants are permitted to receive assistance on the course (shadowing or direct assistance).

Persons shadowing participants in this class, if they are also competing, must have first completed their own course. While nominal start times have been allocated for the M/W10N class, these competitors may use the punching start at any time after the nominal first start time for their class, and before the last start for the event. This will be after the M10A, W10A, and Open Very Easy classes have started.

FINISH PROCEDURE

Punch (SI stick) or swipe (SIAC stick) the finish control (which will also turn off contactless mode). Proceed immediately to the finish tent and download your SI stick or SIAC stick TWICE. You will receive your splits after your second download.

If you have abandoned your course, you still MUST download at the finish tent. If you don't download, we will start looking for you after the courses closure time.

At your last event, remember to return your hired SI stick by placing it in the container provided at the download.

NO MAP COLLECTION, BUT RESPECT FAIR PLAY

Maps will not be collected at the finish but please respect fair play and do not show or discuss your map with competitors who have yet to run. Refer to [OA Competition Rule 26.1](#). For WRE refer to [IOF Competition Rule 26.1](#).

RESULTS

We will be using **Living It Live** to transmit live race results to portable personal devices and internet enabled websites in the arena.

Results will be available live at <https://liveresultat.orientering.se/?lang=en>. There are many app such as [Orienteering Live Results](#) or [O-Live](#) that put the data in an app format if you prefer.

If you do not have phone service at the event connect to the 'Results' wifi and browse the internet for free. If you are connected to the 'Results' wifi you can type *results.livingitlive.com.au*. This will redirect you to a locally hosted webpage that will have links to the live results.

The carnival website will also have links to the live results, live GPS tracking and live video stream.



We will upload results and splits to Eventor and Winsplits as soon as practicable after each event and maps will be available on Livelox at 15:00 on the day of the event.

EOD - ONLY THUNDERBOLTS 3 DAY

The following Courses will be available for EOD at all three days of the Thunderbolts 3 Day

Hard Course 3	Moderate Course 5	Easy Course 7	Very Easy Course 8
Fees:	Adult \$35	Junior \$25	Sub Junior \$17:50

Enter at Registration. See daily event information for start times. Same start procedure as pre entry competitors.

MINIKNAT

Over the carnival there will be three maze challenges and a boulder challenge.

On Saturday 28th at the Australian Middle Distance Championship there will be a four course maze challenge. Entry will be free.

On Sunday 29th at the Australian Relay Championship there will be a four course maze challenge.

On Saturday 5th at the Australian Long Distance Championship there will be a boulder challenge next to the arena.

On Sunday 6th at UNE there will be a two course maze sprint challenge.

Some prizes for participation will be given at the presentation each day.



PRESENTATIONS

At each event there will be a presentation at the time indicated in the event details. As well as the medals for placegetters in each class we will be having random prizes. To win these you must be present. We encourage you all to stay for the presentations to show your appreciation of all the placegetters and to have the chance to win a random prize.

O GEAR SHOPS

There will be two O Gear Shops at each event arena except the Schools Sprint on Tuesday 1st October.

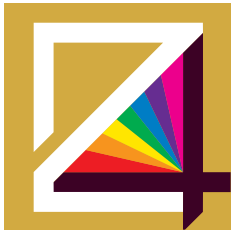
COFFEE VAN

[The Herd Bar](#) will be providing coffee at all events except the Australian Sprint Championships. Bridget will be serving coffee at each arena from 8:00. Please provide your own keep cup if you don't want to create waste.

Bridget also owns Herdies Coffee, 101 Beardy St; Armidale. This is right next to the Welders Dog brew bar. This will be the location



St. ALi Coffee	Sml	Med	Lge
	\$4.00	\$4.50	\$5.50
Flat White			
Cappuccino			
Latte			
Long Black			
Espresso			
Macchiato			
Piccolo			
Mocha			
Hot Chocolate			
Chai Latte			
Chai Tea			
Decaf			
Extra Shot			\$0.50
Any of the above can be made ICED!			
Tea			\$4.00
English Breakfast, Green, Peppermint, Chai			
Alternative Milks			\$0.50
Soy, Almond, Oat, Lactose Free			
Syrups			\$0.50
Caramel, Vanilla, Hazelnut			



CATERING

[Pho Plus Sushi](#) will be providing a wide range of food at each event arena except for Australian Sprint Championship on Sunday 6th October.

Pho Plus Menu

FRESHLY MADE HEALTHY FOOD



Sushi Rolls
2 for \$11



Miso Soup \$5



Muffin \$7



Rice Paper Rolls
2 for \$11



Bánh mì \$14



Sesame Ball \$3



Spring Roll \$3

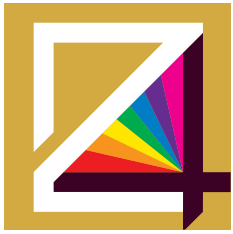


Gyoza 5 for \$9



Drink from \$3

*Large range of sushi and rice paper rolls
including gluten free, vegan, and vegetarian*



for the Carnival Dinner on Sunday 29th Sept. Drop in to the Armidale

CARNIVAL DINNER

Sunday 29th September- 6:00pm

[THE WELDERS DOG](#)

101 Beardy Street, Armidale



DOGS, PETS OR SMOKING

Pets must not be taken to any events in the Australian Orienteering Carnival 2024. This includes bringing a pet and keeping it secured inside a vehicle or trailer. Smoking is not allowed.

EMBARGOES

The following areas are embargoed until the day of each Carnival event between 28th September and 6th October 2024. Permission for access by orienteers for any reason, including non-orienteering reasons, must be obtained from the Carnival Technical Director.

1. **Pine Tree Orienteering Map.** All of the existing Pine Tree orienteering map (1993 and subsequent updates) and access to the Pine Tree property.
2. **University of New England- Armidale.** Access to the University of New England Armidale IS permitted for non-orienteering reasons for those with an education- or business-related purpose (contact the Carnival Technical Director first). Use of orienteering maps and/or school plans, training of all kinds, and route choice testing IS NOT allowed.
3. **The Armidale School (TAS).** Access to The Armidale School IS permitted for non-orienteering reasons for those with an education- or business-related purpose (contact the Carnival Technical Director first). Use of orienteering maps and/or school plans, training of all kinds, and route choice testing IS NOT allowed.

[Nick Dent](#)

GLENBURNIE MAPPING NOTES

The terrain of the map varies from relatively flat pasture and open forest country to steep, rocky slopes that are often covered with thick, prickly vegetation.

The map has been drawn to ISOM2017 specifications with certain exceptions intended to better reflect Australian conditions. Please see <https://aoc2024.com.au/events/> for examples of mapping with photos.



Rock features

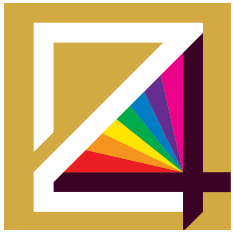
There are many patches of bare rock that are considerably smaller than the minimum ISOM size of 15m x 15m and yet are readily visible in the landscape. Consequently, many such patches have been mapped, especially where there are several of them close together or in conjunction with other rock detail. Bare rock is drawn with a thin white border to delineate it from green and yellow vegetation features.

Small boulders range from 1 m to 3 m, medium boulders up to 5 m, large/gigantic boulders up to 15 m or more. Where appropriate, boulders are drawn to

Special symbols

- × Man-made object
- ▲ Termite mound
- Distinctive tree
- × Tree root
- Dense thicket or Large log pile





shape. When two adjacent boulders or other rock features are too close together to pass through easily, they are shown as touching on the map. Otherwise the minimum ISOM2017 gap is respected.

The boulder cluster symbol represents three or more boulders greater than 2 m in height close together and clearly distinguishable from other rock.

Rocky ground and boulder field symbols have been drawn individually. As is often the case on Australian maps, the number and spacing of these symbols does not always conform to ISOM2017, but generally there will be at least two rocky ground dots. Areas of terrain covered with rocky ground and boulders can be difficult and hazardous to traverse.



Water features

Most watercourses are minor and seasonal in nature so tend to be dry.

Larger creeks will have a small flow if it has been raining recently, otherwise only a few pools. They are generally harder to cross in rocky areas, or where they have depth and width. Some have steep earth banks or passable cliffs (both marked on the map).

The main creek running south to north through the middle of the map spreads out in two places into a wide marshy area with large tussocks, making it extremely difficult and uncomfortable to cross. Best avoided!



Vegetation

Mapping of dense vegetation varies somewhat depending on its type. Patches of prickly blackthorn (*bursaria spinosa*) are not pleasant to traverse and are usually mapped with a darker green than they would appear visually compared to other types of scrub such as tea tree. Thus, the vegetation-fight symbol may represent dense blackthorn, blackberry, or (in recently cleared areas) large log piles.

Man-made features

Most fences consist of 1 or 2 barbed strands with the rest plain wire and are easy to cross with care. A few have 4 or 5 barbed strands, or in some cases mesh, and are more difficult.

Termite mounds

Although the map is dominated by rock features, there are also quite a few termite mounds in some parts. These generally don't exceed about 1.5 m; small or broken ones are not mapped.

Map names



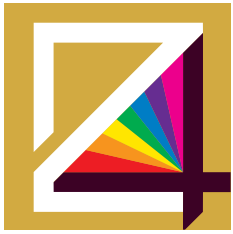
The different parts of the Glenburnie map used for the middle, relay, and long events have been given different aboriginal names that reflect to some extent the nature of the terrain.

The names and their meanings are as follows

Day 1 - Middle distance: Rola Latherana - Small Rock

Day 2 - Relay: Indwarra Kyuna - Stringybark Ground

Day 6 - Long distance: Rola Birkungirra - Big Rock



These icons are used on the event pages.

GETTING THERE



Event information



Event location



Car parking



Event timeline

ARENA



Arena layout



Toilets



Catering



MiniKnat

COMPETITION



Course / class details



Mapper's notes
Course planner's notes



Quarantine



Route to start



GPS tracking



Map exchange

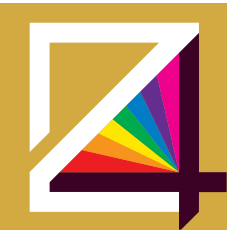


Water on course



GRAPHIC DESIGN:
BY STUART MCWILLIAM - STU ART
CONCEPTS
www.stuartconcepts.com

Personalised greeting cards



AUSTRALIAN MIDDLE DISTANCE CHAMPIONSHIP

1

SATURDAY 28TH SEPTEMBER



EVENT DETAILS

Event: Australian Middle Distance Championship, WRE, NOL Team
 Map: Rola Latherana
 Course Planner: Steve Craig
 Controller: Alex Davey
 Mappers: Maurice Anker, Don Barker
 Fieldcheck: Rob Vincent
 Map Scales: 1:10000 - Courses 1 to 4
 1:7500 - Courses 5 to 20
 Contour interval: 5m
 Map paper: Pretex



EVENT LOCATION

From ARMIDALE - travel to Uralla 23km on New England Highway.

From URALLA - follow New England Highway south for 21km. Turn right onto Glenburnie Road (dirt road)

From WALCHA - follow Thunderbolts Way north for 5km. Turn left onto Bergen Road to Wollun. At Wollun turn right onto Wollun Rd to Kentucky. In Kentucky turn left and follow Kentucky Rd to the New England Highway and turn left. Travel 3.7km to Glenburnie Rd

From BENDEMEER - travel north on New England Highway for approx. 34km and turn left into Glenburnie Rd.

WARNING

THIS IS A 100km SPEED ZONE PLEASE TAKE CARE SLOWING DOWN AND GIVE PLENTY OF WARNING TO FOLLOWING TRAFFIC.

There will be signs on the left of the highway 1km and 500m from the turn.

THEN

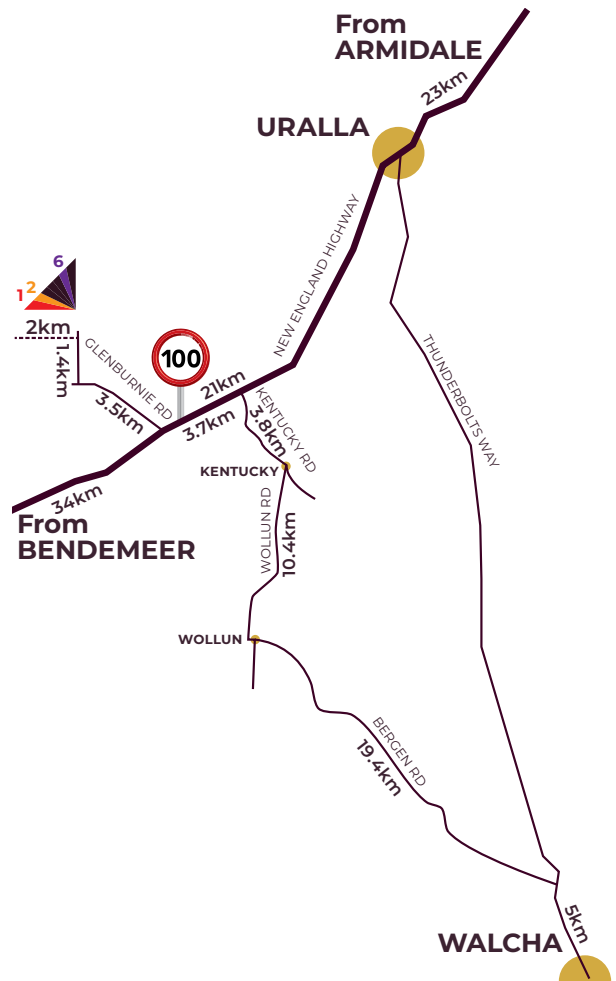
Follow Glenburnie Rd for 3.5km, then sharp right turn. Follow for 1.4km and turn left through gate. Follow farm track for 2km to arena.

[Google map link](#) to parking **30.7105 S, 151.3525 E**



EVENT TIMELINE

Arena open: 8:00
 Welcome to Country: 9:00
 First start: 9:30
 Elite Quarantine opens: 10:30
 Elite Quarantine closes: 11:30
 Presentations: 13:50
 Course closure: 14:30



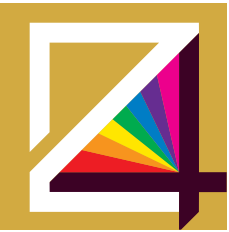
AUSTRALIAN MIDDLE DISTANCE CHAMPIONSHIP

1

SATURDAY 28TH SEPTEMBER

COURSE/CLASS DETAILS

Course / Start	Classes	Distance (km)	Climb (m)	Controls	Map Scale
1	M21E	6.1	280	22	1:10000
2	M20E	5.4	245	20	1:10000
3	W21E	5.0	220	21	1:10000
4	W20E	4.3	180	16	1:10000
5	M35A, M40A, M21A, M21Sport	4.3	220	18	1:7500
6	M45A, M18A, M20Sport	4.1	185	16	1:7500
7	M50A, M16A	3.8	190	16	1:7500
8	M55A, W35A, W40A	3.7	165	15	1:7500
9	M60A, W45A, W21A, W21Sport	3.5	150	15	1:7500
10	M65A, W18A, W20Sport	3.1	135	13	1:7500
11	M70A, W50A, W55A	2.9	120	13	1:7500
12	M75A, W60A, M21AS, W16A	2.7	115	12	1:7500
13	W65A, W70A, W21AS, M35-54AS	2.4	105	11	1:7500
14	M80A, W75A, W35-54AS, M55+AS	2.0	80	10	1:7500
15	M85A, W80A, W55+AS	1.4	60	8	1:7500
16	M90A, W85A, W90A	0.9	40	7	1:7500
17	M14A, M Open B, M Junior B	3.0	125	17	1:7500
18	W14A, W Open B, W Junior B	2.7	115	15	1:7500
19	M12A, W12A, Open Easy	2.4	105	13	1:7500
20	M10A, W10A, M/W10N, Open V Easy	2.2	95	13	1:7500



AUSTRALIAN MIDDLE DISTANCE CHAMPIONSHIP

1

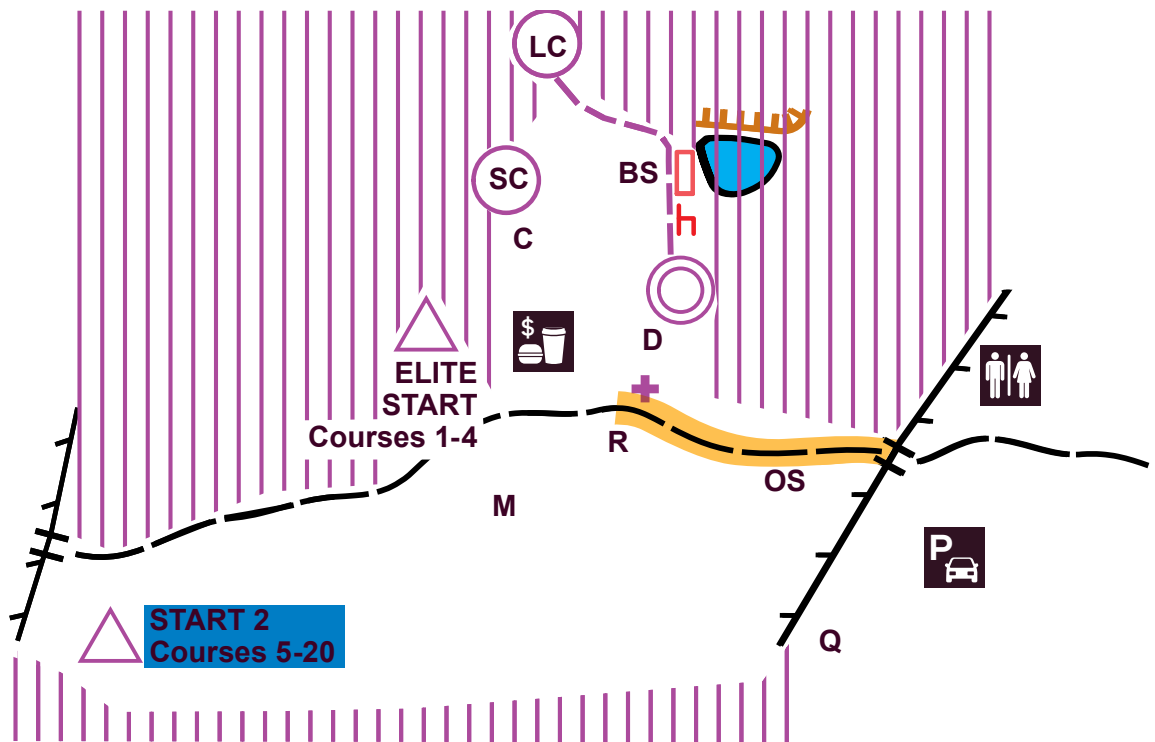
SATURDAY 28TH SEPTEMBER

COURSE PLANNERS NOTES

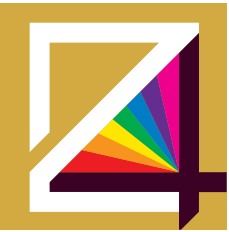
The courses utilise detailed, runnable and hilly granite terrain with some fences and a few tracks. There are many non-compulsory crossing points along the fence lines. These will be marked on the ground using red and white tape but will not be shown on competition maps to avoid hiding essential details. The area has very little green apart from along one creek that many Hard courses cross. Full body cover is recommended. The Easy and Very Easy courses have a taped route that is not shown on other maps. This will be marked in the terrain by blue and white streamers. There will also be some small sections of blue and white taping around obstacles on these courses, but these will not be marked on the map.

Expected winning times for Elite classes are around 40 minutes (HPMG approval has been given for this change). All other classes on the Hard and Moderate courses have expected winning times of 30-35 minutes.

ARENA LAYOUT



- | | | | |
|-----------|--------------|-----------|-------------------|
| | AOC Ave | M | MiniKnat |
| BS | Big Screen | OS | O Shops |
| | Catering | | Out of bounds |
| C | Commentary | | Parking |
| D | Download | R | Registration |
| | First Aid | Q | Quarantine |
| | Hot seat | SC | Spectator Control |
| LC | Last Control | | Toilets |



AUSTRALIAN MIDDLE DISTANCE CHAMPIONSHIP

1

SATURDAY 28TH SEPTEMBER



QUARANTINE

Courses 1-4 have a quarantine. At the gate from the car parking to the Arena, Elite runners will be directed left along the fence to Quarantine and must not pass beyond this gate or fence line prior to their start. **Elite runners will not be able to enter the Arena until they have completed their course.** All Elite runners must check in to Quarantine by 11:30. Two toilets will be located to the left of the gate at the end of the car park. These will be the use of Elites on both Saturdays. There will be shade from trees and a marquee. Chest numbers for all Elites and GPS trackers for selected runners will be available at Quarantine.

The warm-up area for Elites will be east from Quarantine between the car parking and the fence. The area south and west of the fences that adjoin Quarantine is strictly out of bounds.



STARTS

There are two starts.

Start 1 will be the Elite start (courses 1 to 4) and will be adjacent to the Arena.

Elite runners will be released from Quarantine five (5) minutes prior to their allocated start time and follow a taped route to the Pre-Start for Bib and SI check, Clear and Check, and SI Battery check.

Three (3) minutes prior to their start time they will move forward to collect Control Descriptions.

Two (2) minutes prior to their start time they will follow the taped route from the Pre-start to behind the Start Platform next to the Arena.

One (1) minute prior to their start time they will step up onto the Start Platform and stand next to the clearly marked box with the maps for their class. Map boxes for W20E and W21E will be on the left side of the platform; boxes for M20E and M21E will be on the right side.

At the start signal, they will pick up a map from the correct box and follow the taped route to the Start Triangle. It is the runner's responsibility to take the correct map.

Start 2 will be for Courses 5-20. It is a flat 300 m walk from the Arena – follow the **BLUE** coloured tapes along and south of the access track. Warmup is on the way to the start with additional warmup possible back through the car parking along the access track (watch out for cars!). The start interval will be two (2) minutes with allocated start times from 9.30 am.



MAP EXCHANGE

Courses 1-4 will have a map exchange. All Elite classes have a spectator control and map exchange adjacent to the Arena. Elite runners will punch the spectator control, hand their first map to an official, pick up their second map from the correct box that will be clearly marked with the class name and a coloured label that matches the colour on your number bib. Follow the taped route to the start triangle for the second part of your course. Water will be available at the map exchange.

Remember the colour for your class is the same as the coloured bar where your name is on your chest number.

Control description sizes:

M21E 180 x 50mm

W21E 175 x 50mm

AUSTRALIAN MIDDLE DISTANCE CHAMPIONSHIP

1

SATURDAY 28TH SEPTEMBER



TOILETS

Toilets are located along the fence to the right of the gate at the entrance to AOC Avenue. There will be two toilets to the left of the gate. On both Saturdays these are for Elite runners only to use prior to their start.



PARKING

Parking is in a large open area 150m-500m from the Arena, on the left (south) side of the access track. Park as directed by parking officials. The area north of the access track is Out of Bounds.



CATERING and COFFEE

The Herd Bar will be selling a range of coffees from 8:00. Please provide your own keep cup if you don't want to create waste.

Pho Plus Sushi will be selling a range of healthy food from 10:00.



WATER

Water will be provided on all courses at control sites as indicated in the control descriptions. There will be no water at the Arena or the starts, so please ensure you bring sufficient for your own (and family) use.



MINIKNAT

There will be a maze challenge of four courses. This will be located next to the arena and be available from 10:30-12:30.



AUSTRALIAN RELAY CHAMPIONSHIP

2

SUNDAY 29TH SEPTEMBER



EVENT DETAILS

Event: Australian Relay Championship, NOL Team
 Map: Indwarra Kyuna
 Course planner: Anna Fitzgerald
 Controller: Hilary Wood
 Mappers: Maurice Anker, Don Barker
 Fieldcheck: Rob Vincent
 Map scales: 1:10000 Courses 1 to 4
 1:7500 Courses 5 to 11
 Contour interval: 5m
 Map paper: Pretex



EVENT LOCATION

From ARMIDALE - travel to Uralla 23km on New England Highway.

From URALLA – follow New England Highway south for 21km. Turn right onto Glenburnie Road (dirt road)

From WALCHA - follow Thunderbolts Way north for 5km. Turn left onto Bergen Road to Wollun. At Wollun turn right onto Wollun Rd to Kentucky. In Kentucky turn left and follow Kentucky Rd to the New England Highway and turn left. Travel 3.7km to Glenburnie Rd

From BENDEMEER - travel north on New England Highway for approx. 34km and turn left into Glenburnie Rd.

WARNING

THIS IS A 100km SPEED ZONE PLEASE TAKE CARE SLOWING DOWN AND GIVE PLENTY OF WARNING TO FOLLOWING TRAFFIC.

There will be signs on the left of the highway 1km and 500m from the turn.

THEN

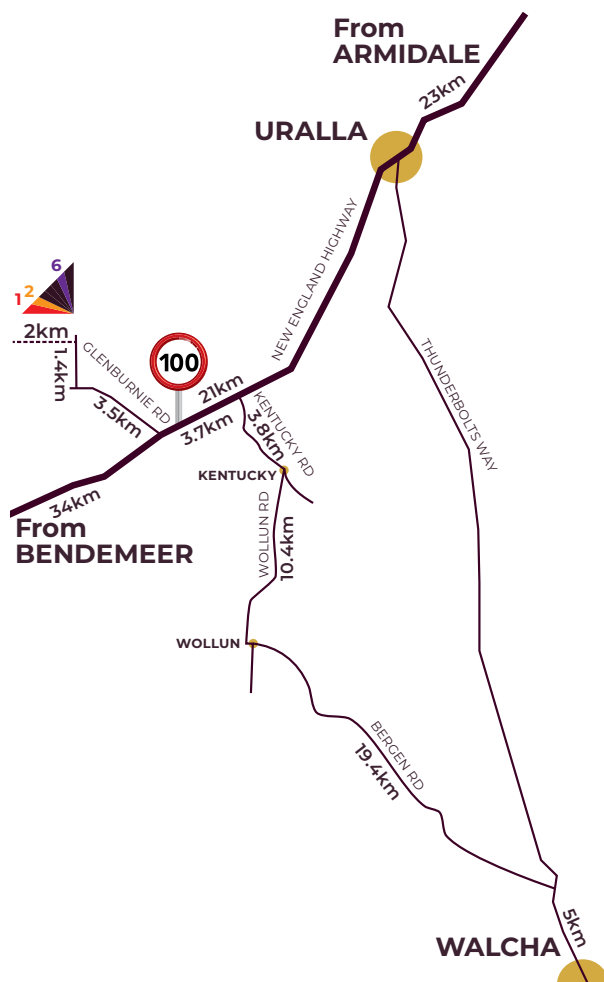
Follow Glenburnie Rd for 3.5km, then sharp right turn. Follow for 1.4km and turn left through gate. Follow farm track for 2km to arena.

[Google map link](#) to parking **30.7105 S, 151.3525 E**



EVENT TIMELINE

Arena open: 8:00
 Briefing: 9:15 - This will include information on how to change over and mandatory run throughs will work, with demonstration.
 Mass start 1st Leg: 9:30
 Mass start 2nd Leg: 10:45 (if required)
 Mass start 3rd Leg: 11:45 (if required)
 Presentations: 12:00
 Course closure: 13:30





COURSE/CLASS DETAILS

Course	Classes	Distance (km)	Climb (m)	Controls	Map Scale
1	M21E	6.4	200	27	1:10000
2	M20E, M35A	5.8	175	22	1:10000
3	M45A, W21E	4.9	160	20	1:10000
4	W20E, M16A, W35A	4.7	150	21	1:10000
5	M55A, W45A, M/W35-54AS	3.7	120	17	1:7500
6	M65A, W16A, W55A, M21AS	3.4	110	15	1:7500
7	M75A, W65A, M55AS, W21AS	2.8	65	14	1:7500
8	W75A, W55AS	2.1	50	12	1:7500
9	M14A, M Open B, Mixed Mod	3.5	100	15	1:7500
10	W14A, W Open B	3.3	95	14	1:7500
11	M/W12. Mixed Easy	2.4	70	11	1:7500
12	Mixed Age - Hard 5, Mod 9, Easy 11				1:7500



COURSE PLANNERS NOTES

Relay Terrain

The relay area is very varied from recently cleared forest, with large piles of felled trees mapped as thickets, through to fast open farmland with scattered rock, to areas of intricate rock detail. Overall, the area is open, easy running with great visibility. There are some patches of blackthorn bushes along the creek lines mapped as light green. These greatly reduce visibility and can be very scratchy, so best avoided, but long sleeves and eye protection are recommended for passing through these sections should you choose to.

There are a lot of controls in the terrain, check the control unit numbers with your control descriptions. Control descriptions are on the front of the map.

All courses except those being used in the Mixed Age class have forkings. These are designed to bring competitors together, or close together at frequent intervals. You will see other competitors in your class regularly but do not assume they are heading to the same control as you! The Easy course for the M/W12 class has two simple forks for each of the three legs. Read the map carefully and do not follow other competitors.

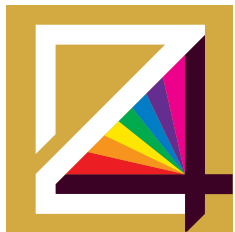
Fence crossings are marked on the map but are not mandatory. There are no Fence crossings for courses 7,8, and 11 and hence they are not shown on those course maps.

Spectator Control and Mandatory Taped Routes

There will be a common spectator control approximately 2/3 of the way around courses 1-10 and at the last control for course 11, adjacent to the arena.

For courses 1-10 there will be a mandatory taped route from the spectator control along the edge of the arena. At the end of the tape competitors will resume their navigation (there is no control at the end of the tape).

There is a second mandatory taped route from the last control to the finish. It is clearly visible from



the arena. These taped routes are provided to ensure the best chance that your team members will see you and have time to get to the tagging area in time for change over. These routes are mandatory and cutting corners or not following the routes will result in disqualification. Leg 1 and leg 2 runners will punch the finish before continuing on to the tagging area. No commentary will be provided to warn of approaching teams.

For the easy course (course 11) there is a mandatory taped route from the spectator control directly to the finish.

The taped routes are marked as a dashed line on the map and with red and white bunting in the field

Clear and Check

The clear and check units will be at the entrance to the tagging area. It is each competitor's responsibility to ensure you have cleared and checked before heading out on your course.

Start information

Maps for 1st, 2nd and 3rd leg runners will be hung on a clothesline adjacent to the start triangle. First leg runners will start from the map clothes line. 2nd and 3rd leg runners will run to the clothes line from the tagging area. Your chest number must match the number on the back of the map. Make sure you take the correct map. Top row leg 1 maps, middle row leg 2 maps and bottom row leg 3 maps.

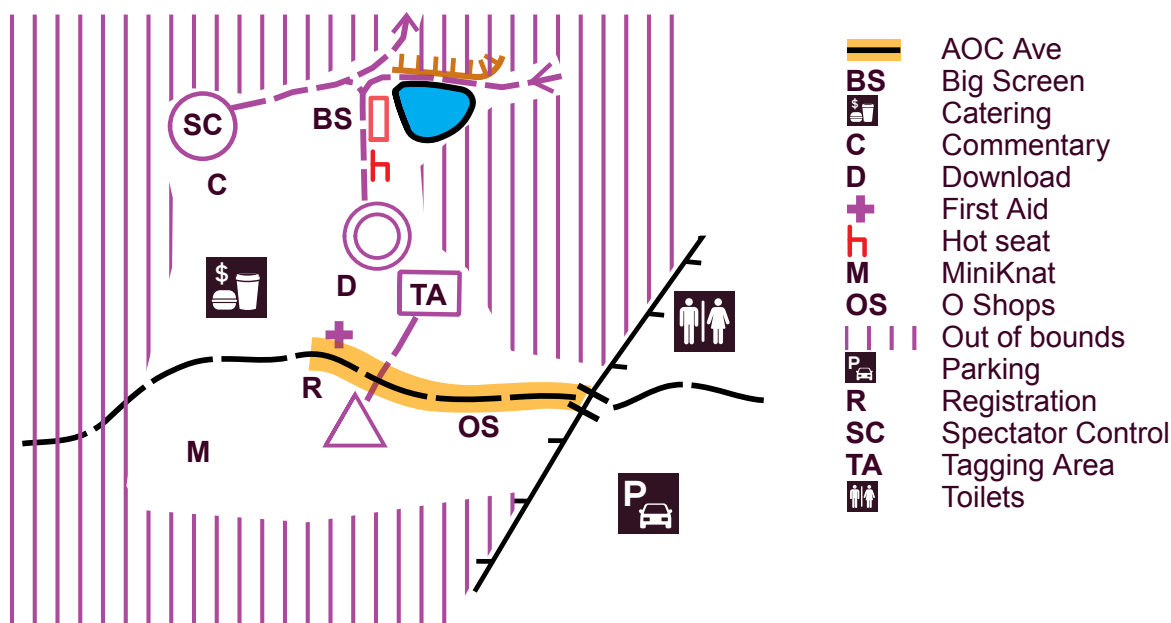
Control descriptions

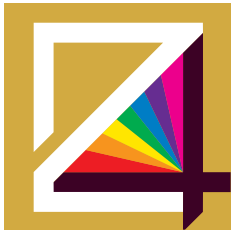
Control descriptions will on the front of all maps. IOF symbols for all courses except the Easy courses who will have text descriptions.

Water on courses

There will be one drinks control – the spectator control.

ARENA LAYOUT





AUSTRALIAN RELAY CHAMPIONSHIP

2

SUNDAY 29TH SEPTEMBER



PARKING

Parking is in a large open area 150m-500m from the Arena, on the left (south) side of the access track. Park as directed by parking officials. The area north of the access track is Out of Bounds.



TOILETS

Toilets are located along the fence to the right of the gate at the entrance to AOC Ave.



CATERING

The Herd Bar will be selling a range of coffees from 8:00. Please provide your own keep cup if you don't want to create waste.



Pho Plus will be selling a range of healthy food from 10:00.

WATER

There will be no water at the Arena before or after you run. Please ensure you bring sufficient for your own (and family) use.



ASOC SPRINT CHAMPIONSHIP + T3D - DAY 1

3



TUESDAY 1ST OCTOBER



EVENT DETAILS

Event: ASOC Sprint Championship
Thunderbolts 3 Day - Day 1

Map: The Armidale School

Course planner: Oskar Mella

Controller: Nick Dent

Mapper: Duncan Currie

Map scale: 1:3000

Contour interval: 2m

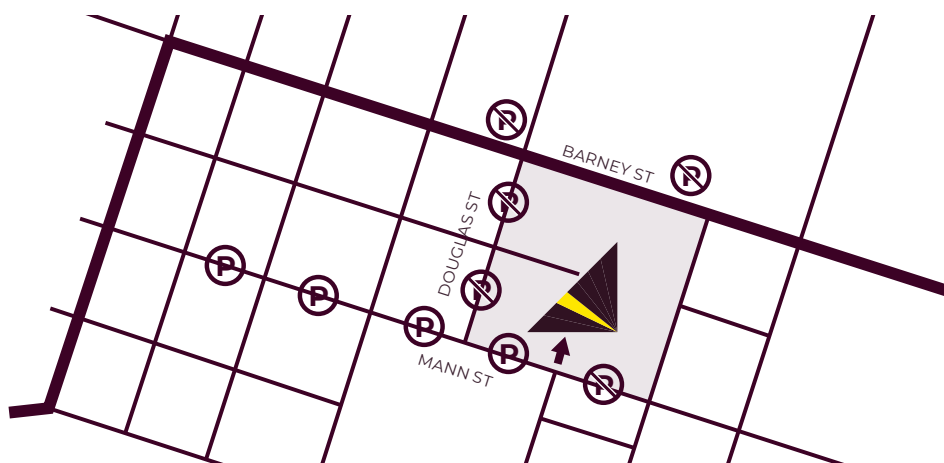
Map paper: Pretex



EVENT LOCATION

Access to the arena will be from Mann St; ONLY. You should drive to the event along Mann St: NOT Barney St. Do NOT Park in Douglas St.

[Google maps link](#) to arena entry 30.52262 S 151.67207 E



EVENT TIMELINE

Arena open: 8:00

First start: 9:00 ASOC first start (Independent Athletes)
9:30 Official Schools Athletes

First start 11:30 Thunderbolts 3 Day
Last start 13:00. Thunderbolts 3 Day

Competitors in T3Day select a start time label for your course from the table at the Registration. Attach this label to your number bib. Report to the pre start at least 3 minutes before the start time on the label. At the time on the label punch the start unit.

Quarantine opens: 8:00
Quarantine closes: 9:00

ASOC Presentations: 11:10

ASOC Course closure: 11:30
Thunderbolts 3 Day Course closure: 14:00



ASOC SPRINT CHAMPIONSHIP + T3D - DAY 1

3

TUESDAY 1ST OCTOBER



COURSE/CLASS DETAILS

ASOC SPRINT

Course	Classes	Distance (km)	Climb (m)	Controls	Map Scale
1	Senior Boys	3.2	20	29	1:3000
2	Senior Girls	3.0	25	18	1:3000
5	Junior Boys	2.9	18	28	1:3000
6	Junior Girls	2.6	14	23	1:3000

COURSE/CLASS DETAILS

THUNDERBOLTS 3 DAY - DAY 1

Course	Classes	Distance (km)	Climb (m)	Controls	Map Scale
1	Men A, Women A	3.2	20	29	1:3000
2	Men B, Women B	3.0	18	25	1:3000
3	Men C, Women C	2.5	14	22	1:3000
4	Men D, Women D	1.8	10	14	1:3000
5	Men E, Women E	2.9	18	28	1:3000
7	Men F, Women F	1.8	8	25	1:3000
8	Men G, Women G	1.6	8	24	1:3000



MAPPERS NOTES

Terrain is a school campus with buildings, canopies, garden beds, a lake and small stream, trees, playing fields and paved areas.

Only the main running level is mapped. Once stairs leave the main running level they are not mapped or shown as canopy to emphasise that they can be run underneath.

The light pink temporary out of bounds symbol is used to show out of bounds areas such as bins, sports equipment or vehicles.

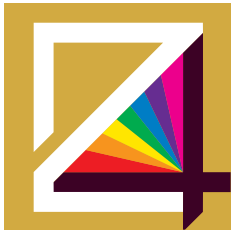


COURSE PLANNER NOTES

Terrain is an 1890s school campus surrounded by sports fields, a lake and gardens. While some areas of the campus do extend to multiple levels only the ground level is mapped. Stairs that extend to other levels of the school have not been mapped. The light pink temporary out of bounds symbol (714) is used to show out of bounds areas such as bins, sports equipment or vehicles.

There is a small creek that runs through a part of the map, it is approx 1.5 m wide with rocks at the bottom it is mapped with symbol 301, thus is impassable. However, there are two small bridges across the creek which are mapped using symbols 501 *Paved area* and 710.1 *Crossing Point*.





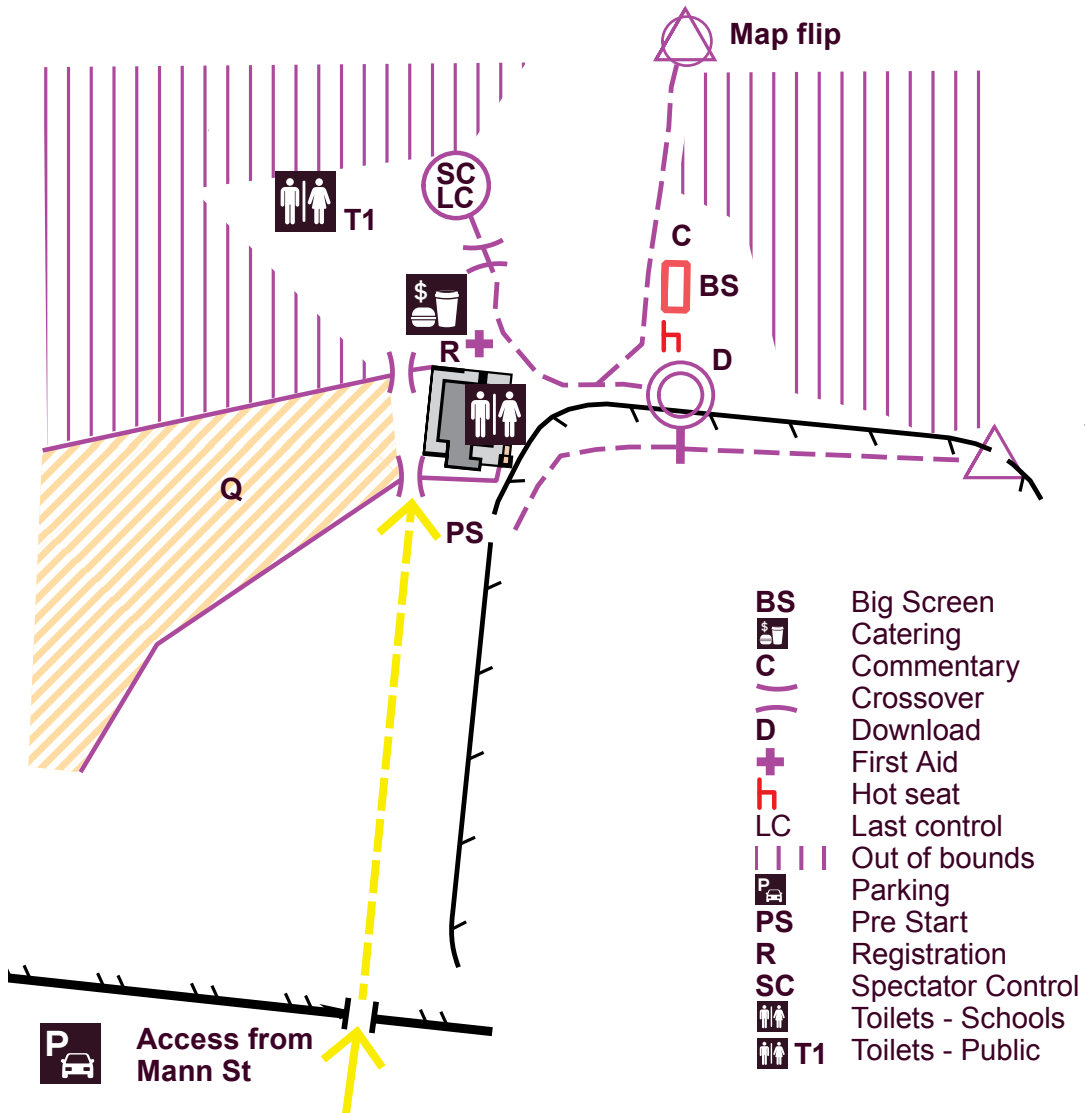
ASOC SPRINT CHAMPIONSHIP 3 + T3D - DAY 1



TUESDAY 1ST OCTOBER

There is an arena passage and map flip on courses 1, 2, 3, 4, 5, and 6. After the runners have punched the last/spectator control they will follow the mandatory route before splitting into either the finish chute or towards the restart (see the arena map). The start of the second map will be marked with a start triangle.

ARENA LAYOUT





ASOC SPRINT CHAMPIONSHIP 3 + T3D - DAY 1



TUESDAY 1ST OCTOBER



START

There is one start for both the schools sprint and the Thunderbolts 3 Day- Day 1. The pre start location is marked on the arena layout.

Start Interval The start interval for the Thunderbolts 3 Day will be 30 sec.



QUARANTINE

All competitors in the Australian Schools Sprint must have signed into Quarantine by 9:00am. Team officials may accompany their athletes to quarantine, however once they exit they cannot re-enter. There will be access to toilets, shade and a warmup area while in quarantine. While in quarantine mobile phones must be powered off and in athletes' bags. There is a bag drop from which athletes can collect their bags after their race.

There is a compulsory route to Quarantine for all schools competitors.

Leaving NEGS turn left onto Uralla Road for 2km then turn left at the roundabout over the railway bridge. Then immediately right onto Kentucky street for 650m before a left onto Taylor Street. After 500m turn right onto Mann Street and park along this street. Do not park in Mann St east of access gate.

It is not allowed to visit the arena before entering quarantine.



GPS TRACKING

The selected runners who are required to carry GPS trackers can pick up their tracker from a table on the verandah in the building at the eastern end of quarantine. The names of the athletes will be given to team management at the start draw.



TOILETS

Toilets for the schools competitors are located under the McConville building. These can be accessed from quarantine. Thunderbolts 3 Day competitors are to use the toilets T1- see arena layout- until 10:30. After 10:30 both sets of toilets can be used.



PARKING

There is no vehicle access to the school. All parking will be in Mann St to the west of the access gate to the arena.

No parking is allowed in Douglas St or in Mann St to the east of the access gate.



CATERING

The Herd Bar will be selling a range of coffees from 8:00. Please provide your own keep cup if you don't want to create waste.

Pho Plus will be selling a range of healthy food from 10:00.



WATER

There will be no water provided by the organisers either on the course or in the arena



ASOC LONG CHAMPIONSHIP + T3D - DAY 2

4

WEDNESDAY 2ND OCTOBER



EVENT DETAILS

Event: ASOC Long Championship
Thunderbolt 3 Days - Day 2

Map: Pine Tree

Course planner: Alvin Craig

Controller: Mark Shingler

Mappers: Maurice Anker, Don Barker

Map scales: 1:10000 - Courses 1 and 2
1:7500 - Courses 3 to 8

Contour interval: 5m

Map paper: Pretex



EVENT LOCATION

From Armidale - travel west on Bundarra Rd for approx. 27km. At T junction turn right onto Thunderbolts Way. Travel 7km to property **Pine Tree**. Turn left into property. Follow farm track for 1.2km to parking.

From Uralla - travel NW for approx. 24km on Thunderbolts Way to the intersection with Bundarra Rd. Continue on Thunderbolts Way 7km to property **Pine Tree**. Turn left into property. Follow farm track for 1.2km to parking.



[Google maps link](#) to arena entry
30.43344 S 151.32648 E



EVENT TIMELINE

Arena open: 8:00am

First Start: ASOC first start 9:00 (Independent Athletes)
9:30 (Official Schools Athletes)

First Start: Thunderbolts 3 Day- Day 2 Optional Mass Start

Class	Start Time	Class	Start Time
Men A	13:00	Women A	13:02
Men B	13:04	Women B	13:06
Men C	13:08	Women C	13:10
Men D	13:12	Women D	13:14
Men E	13:16	Women E	13:18
Men F	13:20	Women F	13:22
Men G	13:24	Women G	13:26

If you do not start in the mass start, there is a queuing start from 13:28 to 13:45, with a 30 second start interval.



ASOC LONG CHAMPIONSHIP + T3D - DAY 2

4



WEDNESDAY 2ND OCTOBER

Quarantine opens:	8:00
Quarantine closes:	8.40
ASOC Presentations:	12:30
ASOC Course closure:	13:00
All course closure:	15.00



COURSE/CLASS DETAILS

ASOC Long

Course	Classes	Distance (km)	Climb (m)	Controls	Map Scale
1	Senior Boys	5.6	240	18	1:10000
2	Senior Girls	4.1	215	15	1:10000
5	Junior Boys	3.8	150	12	1:7500
6	Junior Girls	3.3	110	12	1:7500

COURSE/CLASS DETAILS

THUNDERBOLTS 3 DAY - DAY 2

Course	Classes	Distance (km)	Climb (m)	Controls	Map Scale
1	Men A, Women A	5.6	240	18	1:10000
2	Men B, Women B	4.1	215	15	1:10000
3	Men C, Women C	3.4	155	14	1:7500
4	Men D, Women D	2.5	100	10	1:7500
5	Men E, Women E	3.8	150	12	1:7500
7	Men F, Women F	2.4	95	10	1:7500
8	Men G, Women G	2.0	75	10	1:7500



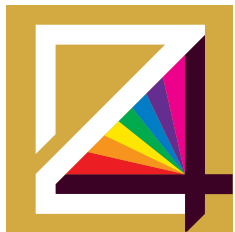
COURSE PLANNER'S NOTES

Terrain

The map covers a range of terrain, from farmland paddocks and open eucalypt forest with outcrops of rock, to steep hilly areas with dense and complex rock detail. There are numerous areas of patchy slow-run and walk vegetation comprising mainly tea-tree, wattle, blackthorn and dead-fin- ish/cough bush (*cassinia laevis*), as well as occasional patches of blackberry. Full leg cover is therefore recommended. Overall, the area is moderately hilly with some steeper sections and rock detail.

Courses

All ASOC courses have a long-distance character. Courses 1 (Senior Boys) and 2 (Senior Girls) pass a spectator control towards the end of the course. All the courses have fence crossings, these are highly recommended but not mandatory especially as there are some sections of fence which are very difficult to cross. They will be marked in the terrain with red and white streamers.



ARENA LAYOUT



START

There is one start location for both the schools' competitors and the Thunderbolt 3 Days competitors.

Schools: The pre-start is a 400m flat walk from the quarantine. Schools' competitors are reminded that they should not talk to any members of the public during their walk to the start, any competitor doing so may be disqualified.

Thunderbolts 3 Days: It is a flat 500 m walk from the Arena – follow the **ORANGE** taped route.



QUARANTINE

Quarantine is where the school tents are located on the arena layout.

There is a compulsory quarantine which all schools' competitors (both independent and official) must go directly to on arrival (do not go to the assembly first). Quarantine will be at the school tents as indicated on the arena layout. Competitors will be released from quarantine 10 minutes before their call up time.

State teams' managers are responsible for taking bags to the arena so competitors can access them after they have run.



ASOC LONG CHAMPIONSHIP + T3D - DAY 2

4

WEDNESDAY 2ND OCTOBER

Competitors can warm up on the track SW of the quarantine.



GPS TRACKING

The selected runners who are required to carry GPS trackers can pick up their tracker from a table on the entrance to the quarantine area. The names of the athletes will be given to team management at the start draw.



TOILETS

These will be located next to the parking and close to the school tents- quarantine area.



PARKING

In a flat easily accessible paddock on the western side of the access track.



CATERING AND COFFEE

The Herd Bar will be selling a range of coffees from 8:00. Please provide your own keep cup if you don't want to create waste.

Pho Plus will be selling a range of healthy food from 10:00.



WATER

Water available on courses in line with OA guidelines. There will be no water provided by the organisers in the arena.



ASOC RELAY CHAMPIONSHIP + T3D - DAY 3

5

THURSDAY 3RD OCTOBER



EVENT DETAILS

Event: ASOC Relay Championship
Thunderbolt 3 Days - Day 3

Map: Pine Tree

Course planner: Rebecca George

Controller: Mark Shingler

Mappers: Maurice Anker, Don Barker

Map scales: 1:10000 - Courses 1 and 2
1:7500 - Courses 3 to 8

Contour interval: 5m

Map paper: Pretex



EVENT LOCATION

From Armidale - travel west on Bundarra Rd; for approx. 27km. At T junction turn right onto Thunderbolts Way. Travel 7km to property **Pine Tree**. Turn left into property. Follow farm track for 1.2km to parking.

From Uralla - travel NW for approx. 24km on Thunderbolts Way to the intersection with Bundarra Rd; Continue on Thunderbolts Way 7km to property **Pine Tree**. Turn left into property. Follow farm track for 1.2km to parking.

[Google maps link](#) to arena entry
30.43344 S 151.32648 E



EVENT TIMELINE

Arena open: 8:00

Relay Briefing: 9:15

ASOC Relay 1st start: 9:30

Mass start 2nd Leg: 10:30 (if required)

Mass start 3rd Leg: 11:30 (if required)

ASOC Presentations: 12:00

ASOC Course closure: 12:30

First Start: Thunderbolts 3 Day: 12:30

Last Start: Thunderbolts 3 Day: 14:00

Select a start time label for your course from the table at Registration. Attach this label to your number bib and report to the start at least 3 minutes before your start time. At the time on the label punch the start unit.

Start Interval The start interval for the Thunderbolts 3 Day will be 30 sec.

Thunderbolts 3 Day Course closure: 15:30





ASOC RELAY CHAMPIONSHIP + T3D - DAY 3

5

THURSDAY 3RD OCTOBER



COURSE/CLASS DETAILS

ASOC RELAY

Course	Classes	Distance (km)	Climb (m)	Controls	Map Scale
1	Senior Boys	4.1 - 4.3	200	17	1:10000
2	Senior Girls	3.3 - 3.4	125	14	1:10000
5	Junior Boys	3.1 - 3.2	95	14	1:7500
6	Junior Girls	2.8	95	13	1:7500

COURSE/CLASS DETAILS

THUNDERBOLTS 3 DAY - DAY 3

Course	Classes	Distance (km)	Climb (m)	Controls	Map Scale
1	Men A, Women A	4.2	200	17	1:10000
2	Men B, Women B	3.4	125	14	1:10000
3	Men C, Women C	2.8	140	12	1:7500
4	Men D, Women D	2.6	140	12	1:7500
5	Men E, Women E	3.2	95	14	1:7500
7	Men F, Women F	2.8	60	10	1:7500
8	Men G, Women G	2.0	40	9	1:7500



COURSE PLANNER'S NOTES

Terrain

The courses go through a variety of terrains, from fast running farmland, forest with occasional rock outcrops, steep hilly areas with dense and to complex rock detail. There are numerous areas of patchy slow-run and walk vegetation, and some occasional patches of blackberry. Following a fire on the southern part of the map early in 2020 (just after the Xmas 5 days), large patches of wattle have sprung up. Although these patches are for the most part mapped as walk, they are not impossibly difficult to get through.

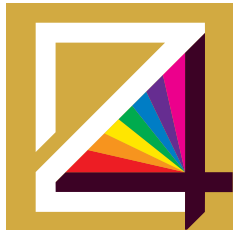
There are fences in the area that are hard to cross. Gates on the map are all open and will be used in all courses. The longer courses also have marked fence crossings, they are highly recommended but not mandatory to use. They will be marked in the terrain with red and white streamers.

Courses

The Start triangle for the relay is approximately 100 metres south-east of the assembly area. First leg runners will receive their maps just prior to their start. Maps for second and third leg runners will be on a "clothesline" near the changeover/start, then follow the taped route to the start triangle.

The relay courses feature multiple splits and, as a result, there will be lots of controls in the area – please make sure you check control numbers on your course! There is a spectator control that all relay courses visit, approximately one third of the way through their course.

There is a **map flip for all relay courses and Courses 1, 2 and 5 in Thunderbolts 3 Day.**



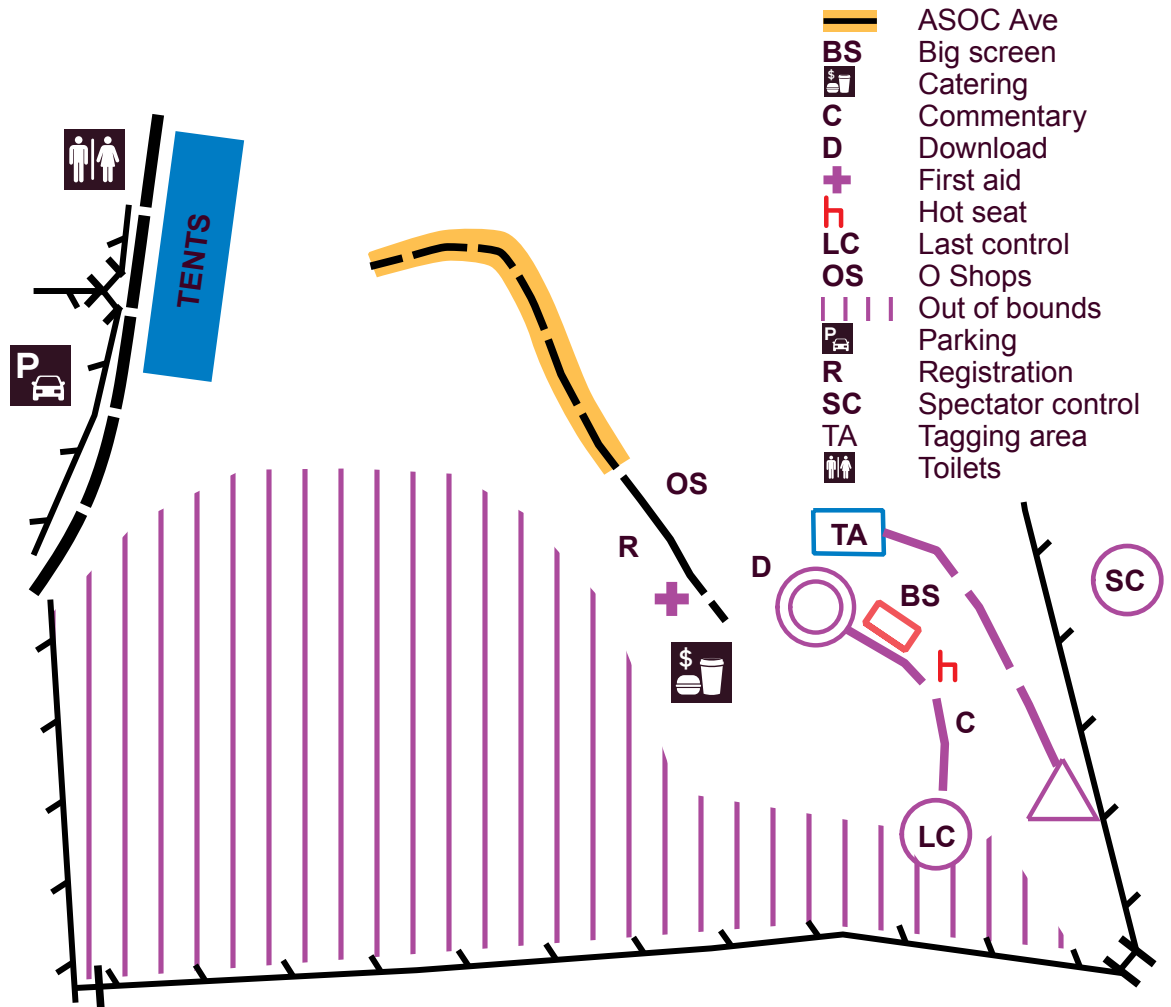
ASOC RELAY CHAMPIONSHIP + T3D - DAY 3

5

THURSDAY 3RD OCTOBER

Incoming runners will be visible to their teammates for a short final loop. Runners will tag their next leg after punching the finish control.

ARENA LAYOUT





ASOC RELAY CHAMPIONSHIP + T3D - DAY 3

5

THURSDAY 3RD OCTOBER



START

Starts for all courses, both Schools and Thunderbolts 3 days, are adjacent to the assembly area.



GPS TRACKING

The selected runners who are required to carry GPS trackers can pick up their tracker from the Registration before 9:15.



TOILETS

These will be located next to the parking and close to the school tents- quarantine area.



PARKING

In a flat easily accessible paddock on the western side of the access track.



CATERING and COFFEE

The Herd Bar will be selling a range of coffees from 8:00. Please provide your own keep cup if you don't want to create waste.

Pho Plus will be selling a range of healthy food from 10:00.



WATER

Water will be provided on courses in line with OA guidelines. There will be no water provided by the organisers in the arena.



AUSTRALIAN LONG DISTANCE CHAMPIONSHIP

6

SATURDAY 5TH OCTOBER



EVENT DETAILS

Event: Australian Long Distance Championship, WRE, NOL Team
 Map: Rola Birkungirra
 Course planner: Rob Vincent
 Controller: Paul Prudhoe
 Mappers: Maurice Anker, Don Barker
 Fieldcheck: Rob Vincent
 Map scales: 1:10000 Courses 1 to 8
 1:7500 Courses 9 to 22
 Contour interval: 5m
 Map paper: Pretex



EVENT LOCATION

From ARMIDALE- travel to Uralla 23km on New England Highway.

From URALLA - follow New England Highway south for 21km. Turn right onto Glenburnie Road (dirt road)

From WALCHA - follow Thunderbolts Way north for 5km. Turn left onto Bergen Road to Wollun. At Wollun turn right onto Wollun Rd to Kentucky. In Kentucky turn left and follow Kentucky Rd to the New England Highway and turn left. Travel 3.7km to Glenburnie Rd.

From BENDEMEER - travel north on New England Highway for approx. 34km and turn left into Glenburnie Rd.

WARNING

THIS IS A 100km SPEED ZONE PLEASE TAKE CARE SLOWING DOWN AND GIVE PLENTY OF WARNING TO FOLLOWING TRAFFIC.

There will be signs on the left of the highway 1km and 500m from the turn.

THEN

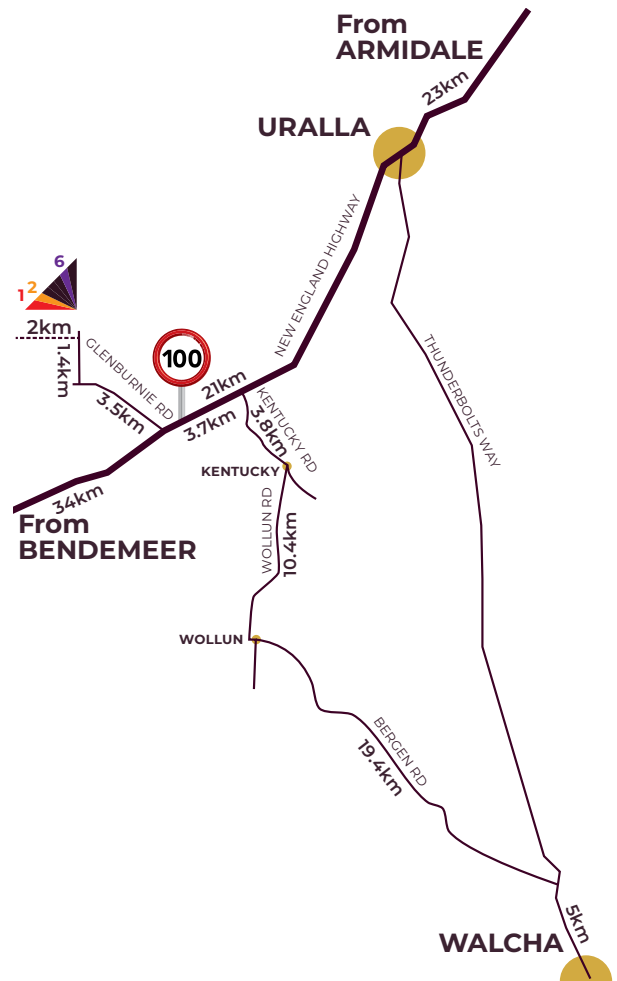
Follow Glenburnie Rd for 3.5km, then sharp right turn. Follow for 1.4km and turn left through gate. Follow farm track for 2km to arena.

[Google map link](#) to parking **30.7105 S, 151.3525 E**



EVENT TIMELINE

Arena open: 8:00
 First start: 9:30
 Quarantine opens: 9:30
 Quarantine closes: 10:30
 Presentations: 13:45
 Course closes: 14:30





AUSTRALIAN LONG DISTANCE CHAMPIONSHIP

6

SATURDAY 5TH OCTOBER



COURSE/CLASS DETAILS

Course /Start	Classes	Distance (km)	Climb (m)	Controls	Map Scale
1	M21E	13.7	570	21	1:10000
2	M20E	11.0	510	18	1:10000
3	W21E	10.9	470	23	1:10000
4	W20E	8.4	365	21	1:10000
5	M35A, M40A, M21A, M21Sport	9.4	430	17	1:10000
6	M45A, W35A, M18A, M20A, M20Sport	7.7	355	15	1:10000
7	M50A, W40A, W21A, W21Sport	7.0	320	13	1:10000
8	M16A	6.2	305	15	1:10000
9	M55A, W45A, M21AS, W20A, W18A, W20Sport	6.0	260	13	1:7500
10	M60A, W50A, M20AS	5.5	250	18	1:7500
11	M65A, W21AS, W55A	5.2	235	13	1:7500
12	M70A, M35AS, W60A, W16A	4.6	215	12	1:7500
13	M75A, W20AS, W35AS, M45AS	4.0	160	9	1:7500
14	W65A, W70A	3.7	170	11	1:7500
15	W45AS, M55AS	3.3	120	8	1:7500
16	M80A, W75A, W55AS, M65AS	2.9	85	10	1:7500
17	M85A, W80A, W65AS	2.3	80	9	1:7500
18	M90A, W85A, W90A	1.2	20	6	1:7500
19	M14A, M Open B	4.2	160	11	1:7500
20	W14A, W Open B	3.7	130	11	1:7500
21	M12A, W12A, Open Easy	2.7	65	15	1:7500
22	M10A, W10A, M/W10N	2.4	60	16	1:7500



COURSE PLANNERS NOTES

Gully/Spur, granite terrain. There is undulating, open forest and farmland with scattered trees, covered in various granite rock features scattered across the terrain. Many steep slopes occur, and are usually rough under-foot, rugged to traverse, and covered in granite rock features from big (3-5m high) to gigantic (15-20m high).

Steeper slopes may have extensive areas of slow-run and walk vegetation where visibility is reduced. A bushfire a few years ago has resulted in large sections of thick regrowth. Expect areas of blackthorn bush in the lower slopes and especially along bigger watercourses. Runnability is slow, to fight, with reduced visibility.

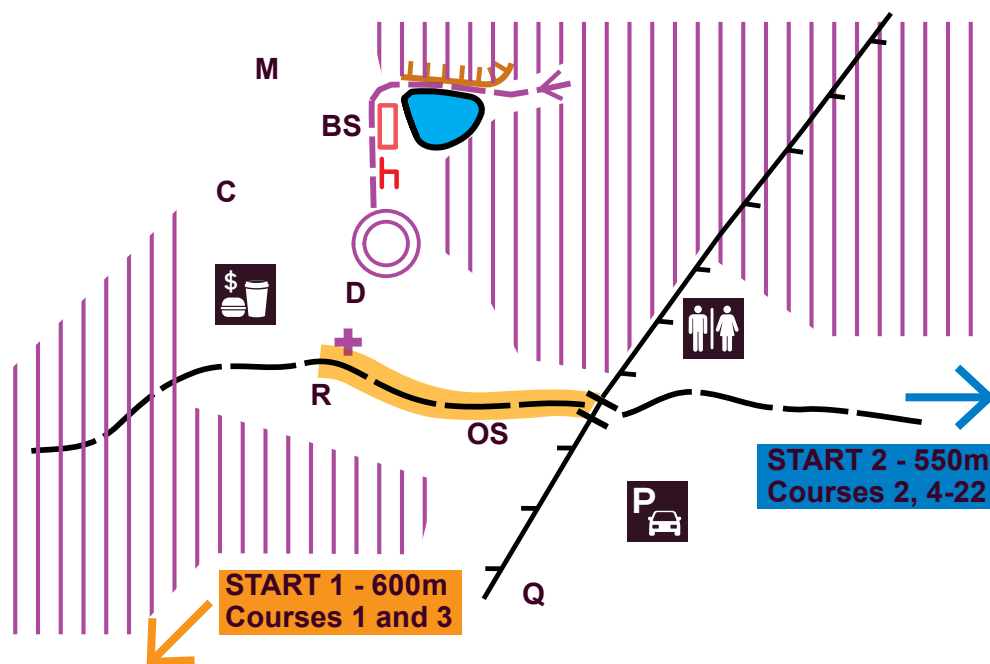
Leg and eye protection is recommended for longer courses, 3km or more.

Numerous fences occur across the area and can be difficult to cross. Many "Crossing Points" have been arranged, including open gates, and are marked on the map. In the terrain they will be marked with red and white streamers.

Courses 21 and 22 have some taped routes in the terrain using blue and white tapes. These are marked on their map and in Control Descriptions.

ALL competitors **MUST** follow the marked route from their last control to the Finish.

ARENA LAYOUT



- | | | | |
|-----------|------------|-----------|---------------|
| | AOC Ave | M | MiniKnat |
| BS | Big Screen | OS | O Shops |
| | Catering | | Out of bounds |
| C | Commentary | P | Parking |
| D | Download | R | Registration |
| | First Aid | Q | Quarantine |
| h | Hot seat | | Toilets |



STARTS

There are two starts

Start 1 (WRE Courses 1 & 3 - Classes M21E and W21E) - 600m Follow **ORANGE** taped route from quarantine. M21E and W21E competitors will exit quarantine 12 mins before their start time.

Start 2 (Courses 2 & 4-22) 550m. Follow **BLUE** taped route.



QUARANTINE

Courses 1 and 3 ie; Classes M21E AND W21E have a quarantine. It is the same place as the quarantine for the Middle Distance.

At the gate from the car parking to the Arena, Elite runners will be directed left along the fence to Quarantine and must not pass beyond this gate or fence line prior to their start. **Elite runners will not be able to enter the Arena until they have completed their course.** All Elite runners must check in to Quarantine by 10:30 am. Two toilets will be located to the left of the gate at the end of the car park. These will be the use of Elites from 10:30. There will be shade from trees and a marquee. GPS trackers for selected runners in M21E and W21E will be available at Quarantine. Any chest numbers not yet collected will be available at quarantine.

GPS Trackers for M20E and W20E selected runners can be collected at registration before going to the start.

Control description sizes

M21E 156mm x 51mm

W21E 168mm x 51mm



TOILETS

Toilets are located along the fence to the right of the gate at the entrance to AOC Ave; There will be toilets at Quarantine for Elite runners to use prior to their start and also, at the pre-start.



PARKING

Parking is in a large open area 150m-500m from the Arena, on the left (south) side of the access track. Park as directed by parking officials. The area north of the access track is Out of Bounds.



CATERING and COFFEE

The Herd Bar will be selling a range of coffees from 8:00am. Please provide your own keep cup if you don't want to create waste.

Pho Plus will be selling a range of healthy food from 10:00am.



WATER

Water on Courses at Controls as marked on Control Descriptions. There will be no water at the Arena or the starts, so please ensure you bring sufficient for your own (and family) use.



MINIKNAT

There will be a Boulder challenge next to the arena. Available from 10:30-12:30.



AUSTRALIAN SPRINT CHAMPIONSHIP

7

SUNDAY 6TH OCTOBER



EVENT DETAILS

Event: Australian Sprint Distance Championship, WRE, NOL Team
Map: University of New England
Course planner: Serena Doyle
Controller: Nick Dent
Mapper: Duncan Currie
Map scales: 1:4000 Courses 1 and 2
1:3000 Courses 3 to 15
Contour interval: 2m
Map paper: Pretex

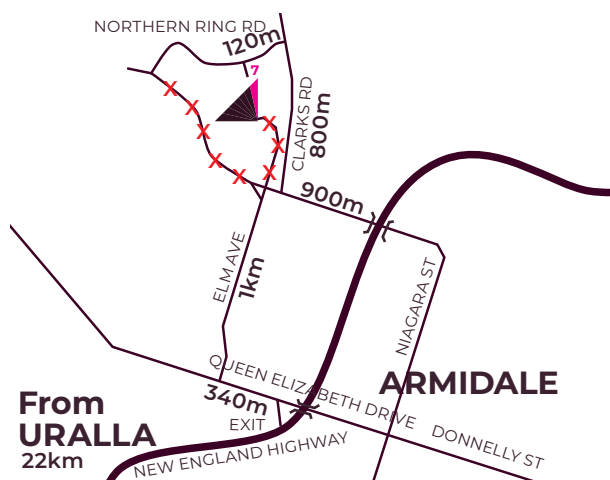


EVENT LOCATION

University of New England

From Armidale city - travel north on Niagara St; Turn left into Madgwick Drive. Follow to the University(900m) and turn right into Clarks Rd which is on the eastern edge of the campus. Proceed north along Clarks Rd for 800m and then turn left into Northern Ring Rd. After 120m turn left into Union Rd and park on the right.

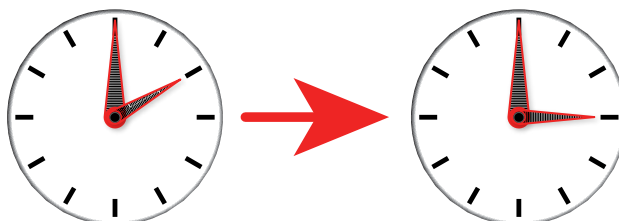
From Uralla - travel north on New England Highway for approx; 22km. Turn left to university. At roundabout to the University. Then at the next roundabout turn left again into Queen Elizabeth Drive. After 340m turn right into Elm Ave. After 1km turn right and then immediately left into Clarks Rd. **DO NOT** enter the campus area on Booloominbah Drive. Follow Clarks Rd for 800m and then turn left into Northern Ring Rd. After 120m turn left into Union Rd and park on the right..



[Google maps link](#) to car park 30.4855 S 151.6455 E



EVENT TIMELINE (Daylight Saving Time)



Arena open: 7:45
First Start: 9:00
Quarantine opens: 9:00
Quarantine closes: 9:30
Presentations: 12:00
Course closure: 12:30



AUSTRALIAN SPRINT CHAMPIONSHIP

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SUNDAY 6TH OCTOBER



COURSE/CLASS DETAILS

Course	Classes	Distance (km)	Climb (m)	Controls	Map Scale
1	M21E, M20E, M18A	3.4	64	27	1:4000
2	W21E, W20E, W18A	3.0	58	22	1:4000
3	M35A, M40A, M45A, M16A	2.8	60	23	1:3000
4	M50A, W35A	2.7	62	21	1:3000
5	M55A, W40A, W16A, M21A	2.6	58	19	1:3000
6	M60A, M65A, W45A	2.6	58	18	1:3000
7	M70A, W50A, W55A, W21A	2.2	50	15	1:3000
8	M75A, W60A, W65A	2.1	50	15	1:3000
9	M80A, W70A, W75A	1.8	44	13	1:3000
10	M85A, W80A	1.6	42	14	1:3000
11	M90A, W85A, W90A	1.4	34	12	1:3000
12	M14A, M Open B	2.1	52	18	1:3000
13	W14A, W Open B	2.0	54	17	1:3000
14	M12A, W12A, Open Easy	1.7	36	18	1:3000
15	M10A, W10A, M/W10N	1.6	34	18	1:3000



MAPPERS NOTES

Terrain is a typical university campus on a slope with buildings, canopies, garden beds, grass areas, paths and trees.

In general, only the main running level is mapped. Once stairs/ramps leave the main running level they are not mapped or shown as canopy to emphasise that they can be run underneath.



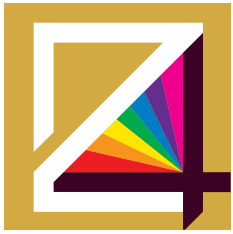
The bare rock symbol has been combined with the rocky ground symbol to show runnable areas made up of small stones.



COURSE PLANNER NOTES

We are excited to be using this newly mapped campus of UNE, which hasn't been used since XMAS 2015. This classic university campus features a mix of larger and smaller buildings, creating complex sections within the map, including narrow passageways, canopies, and stairs. Competitors should exercise caution around these areas. The map also includes small pathways around garden beds, so ensure that you check the map before crossing any; organisers will also be stationed around to ensure fair play. The terrain is situated on a slope, adding to the physicality of the courses, and features open grass sections between the complex building areas. While footing is excellent throughout the buildings, additional grip may be needed in the open sections, particularly if the ground is wet and slippery.

All courses will have a mandatory route through the arena for a spectator loop at around 80% of their course before coming back to the arena to finish.



AUSTRALIAN SPRINT CHAMPIONSHIP

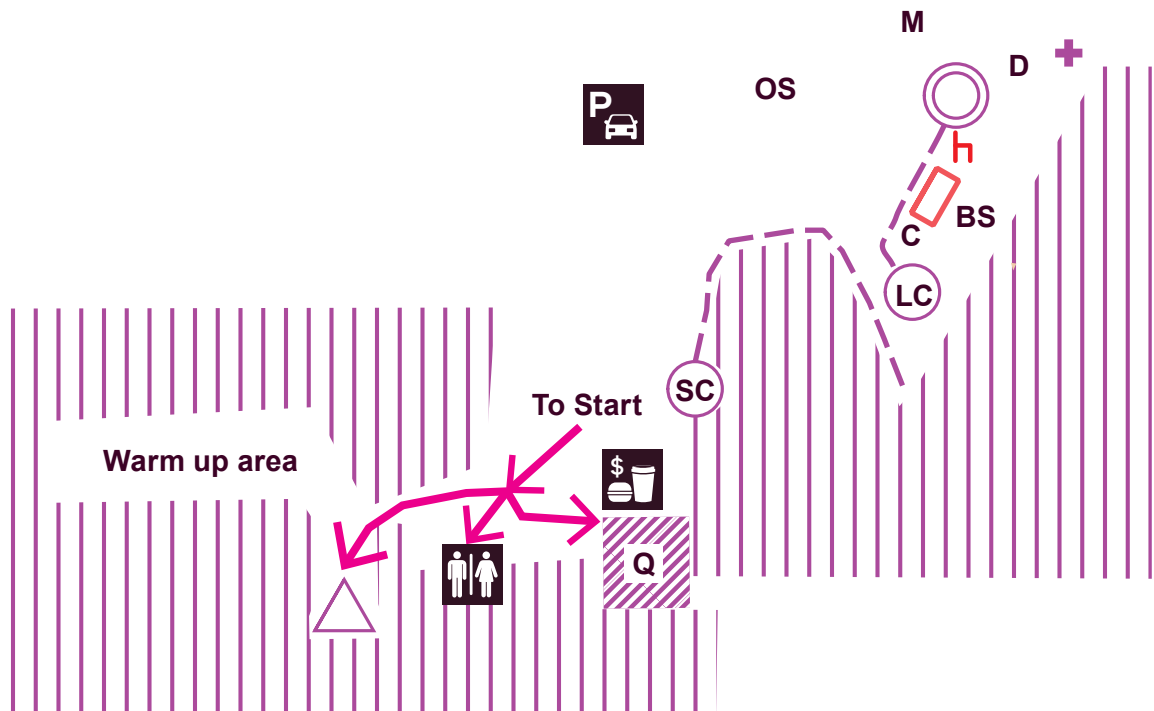
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SUNDAY 6TH OCTOBER

All courses have a mix of short and long legs that provide lots of route choice.



ARENA LAYOUT



- | | | | |
|-----------|--------------|-----------|-------------------|
| BS | Big Screen | M | MiniKnat |
| | Catering | OS | O Shops |
| C | Commentary | | Out of bounds |
| D | Download | | Parking |
| + | First Aid | Q | Quarantine |
| h | Hot seat | SC | Spectator Control |
| LC | Last Control | | Toilets |



STARTS

There is one start for all courses. From the courtyard outside the Café enter the building and take the right corridor. Follow this for approx. 40m. This is one way. Once you go to the start warm up area you cannot return to the café area. So, you must use the toilets before you go to the start area.

There is a grassed area for competitors to warm up in next to the pre start.

Control description size

M21E, M20E, M18A 200 x 52mm

W21E, W20E, W18A 170 x 52mm



QUARANTINE

There is a quarantine for Courses 1 and 2 - Classes M21E, M20E, M18A, W21E, W20E, W18A.

The quarantine is in the University Bistro. Go past the café, enter the doors and then left along a corridor to the entrance to the Bistro. Follow signs. **Do NOT** enter the Bistro via the Café. The quarantine area is indoors and has toilets available. Athletes can leave quarantine to go to the start warmup area 8 minutes before their start time. Once you leave quarantine and go to the start warm up area you cannot return to quarantine

All athletes must be in quarantine by 9:30.



TOILETS

These are located at the entrance to Lazenby Hall just past the Café. There will be signs to follow so please look up!



PARKING

Parking will be in the car park on right hand side of Union Road adjacent to the arena. School buses can park in the car park on the left side of Union Rd.



CATERING AND COFFEE

The UNE Café will be open from 8:00 -13:00. The café is not Out of Bounds during the competition and can be accessed from the arena.



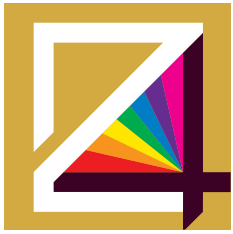
WATER

There will be no water on the courses or provided by the organisers at the arena.



MINIKNAT

There will be a Sprint maze challenge north of the arena. Available from 10:00 -11:00.



VERSION

v01 16 Sept 2024 Published

v02 21 Sept 2024 Page 17 - RESULTS - rewritten.