



## **NSW State League 3 & 4 18<sup>th</sup> and 19<sup>th</sup> April 2015**

Newcastle Orienteering Club is looking forward to welcoming you to NSW State League Events 3 and 4 on 18<sup>th</sup> and 19<sup>th</sup> April 2015.

State League 3 will be contested as a middle distance race on Saturday 18<sup>th</sup> April. The middle distance race will be held on the Mining Mystery map at Pelaw Main.

State League 4 will be contested as a long distance race on Sunday 19<sup>th</sup> April. The long distance race will be held on a combination of the Balickera maps in the Wallaroo State Forest.

## STATE LEAGUE 3 – 18<sup>TH</sup> APRIL 2015

### Directions

Travel to the village of Pelaw Main near Kurri Kurri. From Stanford Street (main street) in Pelaw Main turn west into Hebburn Street Pelaw Main and follow it to the western end. Enter the old Pelaw Main colliery and park as directed between the entrance and the railway platform.

### Railway Buildings and Equipment

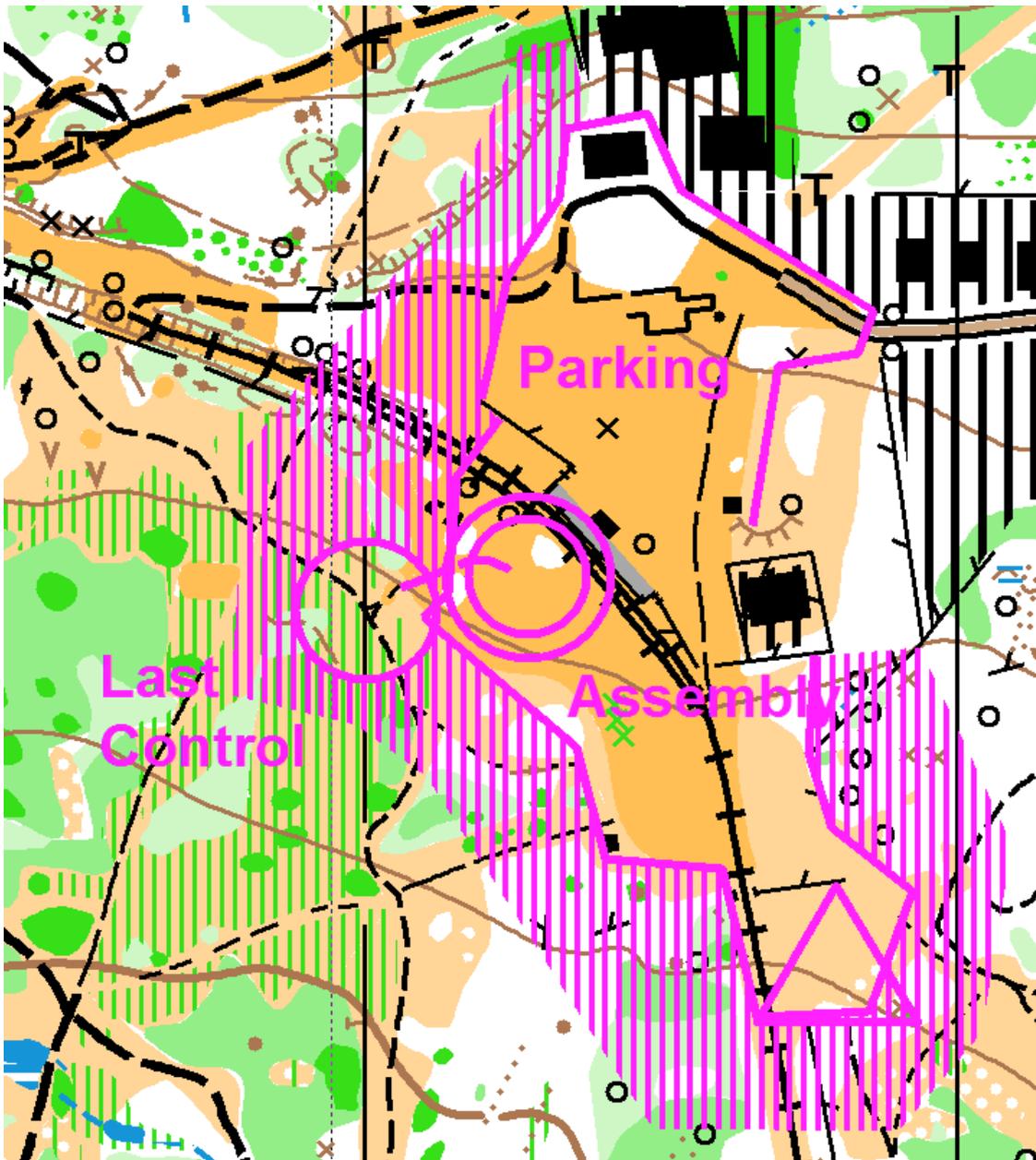
All railway buildings, machinery, carriages and artefacts are out of bounds, with the exception of the toilets. They must not be entered, climbed on or played with.

### Railway Operation

The Hunter Valley Steamfest is on the weekend of 18<sup>th</sup> and 19<sup>th</sup> April. Steam trains will be operating on the line between Richmond Vale and Pelaw Main on the morning of the 18<sup>th</sup> April. Competitors are requested not to arrive at Pelaw Main prior to 11:30am. Trains will not be operating during the time of the orienteering event.

### Assembly Area and Arena

The assembly area and arena will be adjacent to the parking area and immediately to the south of the railway line and platform.



### **Catering**

The NSW Junior squad will be providing catering. The normal foodstuffs will be on offer.

### **First Aid**

First aid will be available at the assembly area/arena should you need it.

### **Out of bounds**

All areas other than the parking and assembly area are out of bounds. All railway buildings and equipment are also out of bounds.

### **Toilets:**

Toilets will be available in the old railway buildings at the northern end of the parking area. Follow the signs.

### **Registration**

Registration / enter on the day / information will be open from **12:00 pm**

### **SI Stick Collection**

Competitors should collect hire SI Sticks from the registration tent at least 30 minutes before their start time.

### **Starts**

From 1:00pm to 2:30pm for pre-entered competitors. Enter-On-Day starts between 1:30pm to 2:30pm once registered at the Information Tent.

There is one start for all courses. The start is approximately 200m south-east of the assembly area. Warm-up is restricted to the assembly and car park areas.

### **Split starts and M/W10N**

Families requiring split starts for child care or shadowing younger competitors should go to the start between 12:45pm and 1:00pm. Competitors in M/W10N can start any time during the start window.

### **Start procedure**

- **6 minutes** prior to your start time your name and SI details will be checked. Be sure to Clear & Check your SI stick.
- **4 minutes** move forward and you can collect Control Descriptions.
- **2 minutes** you move to the map boxes, checking that you have your correct Course box.
- **Start Beeps**, Take a map, **MAKE SURE YOU PUNCH A START UNIT TO START YOUR COURSE.**

The centre of the START TRIANGLE (marked by a flag) is close to the map boxes.

### **Enter on the Day**

Enter-on-day courses will be available on Hard 3b, Moderate, Easy and Very Easy courses. Register at the information tent between 12:00 and 1:30 to be allocated a start time.

### **String Course**

A string course will be provided for the enjoyment and entertainment of children.

### **Finish**

The finish is marked by tall Red Finish signs adjacent to the Arena. After finishing by dipping your SI stick into the finish unit, competitors should make their way to the download tent. As maps will not be collected, it is the competitor's responsibility not to communicate information about the course to later starters.

### **Maps**

First field-worked and drawn by Denis Lyons. Updated March-April 2015.

**Mining Mystery 1:10000** (A4) for all courses except Easy and Very Easy

**Mining Mystery 1:7500** (A4) for Easy and Very Easy courses

All printed on Pretex or Duracopy waterproof paper.

Previous edition of the map will be on display at the Start.

### Special Map Symbols

- (a) X (brown) – termite mounds; generally quite small (0.4m-0.8m) and vary in colour from light brown, to cream, to dark brown or almost black. As a consequence they are not easily visible in the terrain and may not be reliable for navigation. ONLY obvious termite mounds have been used as control sites.
- (b) X (black) – wreckage; cars or motor bikes and usually easily visible in the terrain. NO control sites are using wreckage.
- (c) O (black) – rubbish or other manmade feature; vary in visibility in the terrain, and some have been broken down due to bush fires so less reliable. NO control sites are using these.
- (d) T (brown) – tree root mound; comprise a fallen tree with a root ball of dirt. They vary in size from 0.4m to 1.8m. The size of the “T” depicts the size of the root mound. Only obvious tree root mounds are being used as control sites, while those of <0.6m will be difficult to see unless you are standing still.
- (e) - - - (black) - Trail bike tracks / paths have been shown with a path symbol, but with shorter dashes. Other trails and 4WD tracks are shown according to IOF mapping standards, however, many have erosion or drainage channels making them more difficult to negotiate (TAKE CARE!).
- (f) Meat-ant nests and native cherry trees are not shown on the maps for this event.

### COURSE SUMMARY

Course	Length km	State League Classes
Hard 1	5.8	M21A M35A
Hard 2	4.6	M20A M40A M45A M50A M55A W21A
Hard 3a	3.9	M16A M60A M65A W35A W40A W45A M21AS
Hard 3b	3.4	W16A W20A W50A W55A W60A M35AS M70A
Hard 4	3.0	M75A M80A W65A W70A W75A W80A M45AS M55AS W21AS W35AS W45AS W55AS
Moderate	3.1	M14A W14A M Open B W Open B M Junior B W Junior B
Easy	2.0	M12A W12A Open Easy
Very Easy	1.8	M10A W10A MW10N

**NOTE:** Orange coloured streamers will be used to mark an indistinct track on the Very Easy course. There will be no streamer trails in the forest.

### Course Planner and Mapper Notes

The area is generally flat forest with lots of bike trails and 4wd tracks. Various remnant earth works of coal mining including the historic Richmond Vale railway. There will be no trains on the Map area during the event.

### Safety

- (a) **Course closure is 4.00pm.** All competitors should have returned to the Finish by this time so that a search of the forest is not required. Checkpoints will be collected after 4.00pm.
- (b) Safety bearing and directions in case of an emergency situation are printed on the map. They vary for different courses depending on the area of the map being used. If a competitor is injured you should stop and give them the required assistance.
- (c) Refreshments (water) are provided at control sites marked as such in the control descriptions. Water is also available at the Arena near the Finish. Competitors should bring adequate personal supplies of refreshments (including at least 2 litres of water) for rehydration at the Arena.

### Other Users

- (d) Trail bikes and 4Wd's use the area. TAKE CARE! Move out of their way.

## STATE LEAGUE 4 – 19<sup>TH</sup> APRIL 2015

### Directions

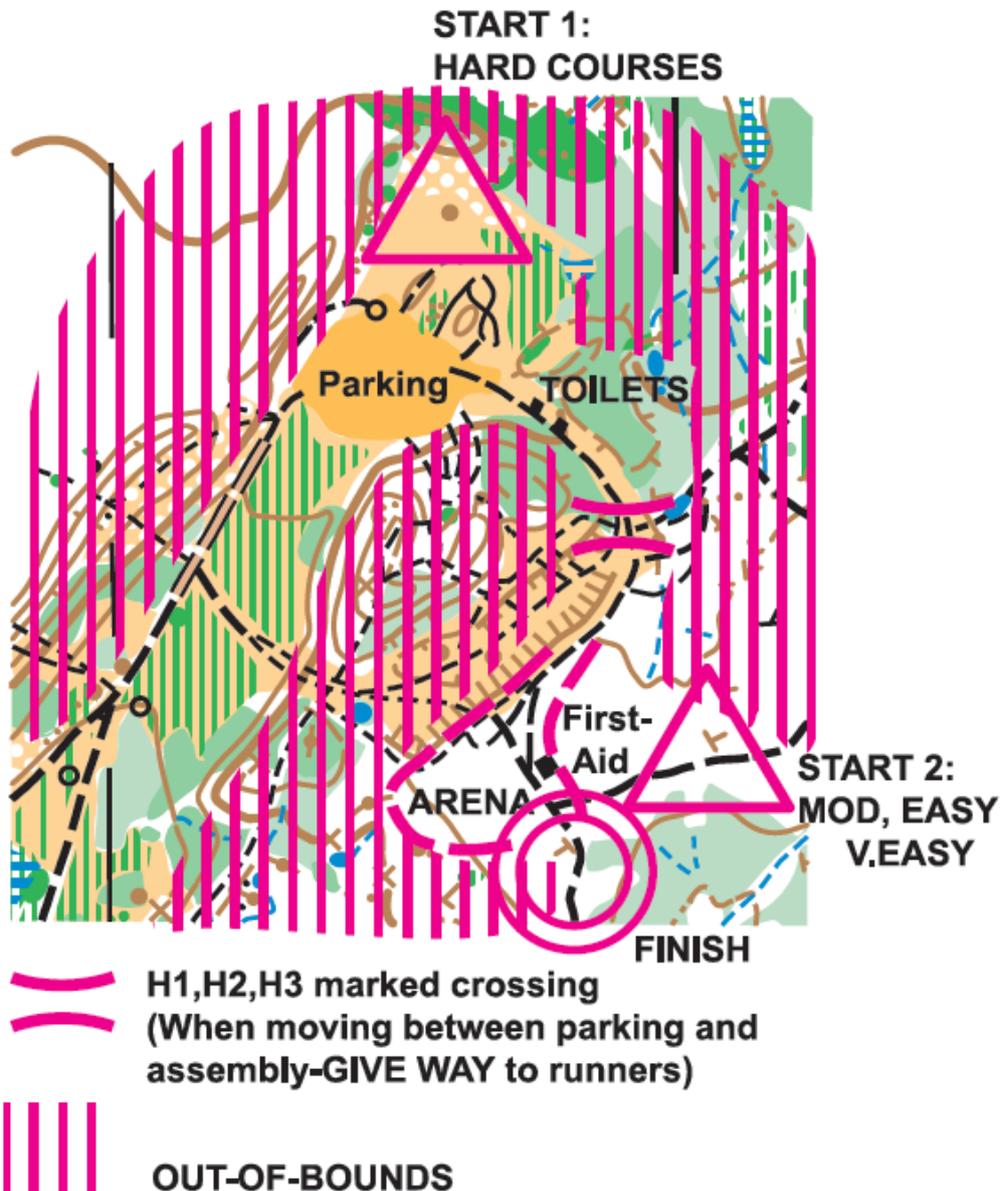
From Hexham head north on the Pacific Hwy. From the roundabout at the northern end of Heatherbrae, travel nearly 14km and TURN LEFT onto ITALIA RD. This is an arterial road with plenty of high speed traffic so take SPECIAL CARE! After approximately 3km SLOW DOWN and LOOK FOR SIGNS to turn RIGHT onto a track which goes into an old quarry. Follow the track for 550m to parking. Park as directed.

### Assembly Area and Arena

Follow a track to the east from the Parking Area, then after crossing the “run-through” for H1, H2 and H3 head south along the eastern edge of a smaller quarry to the Arena, Finish and access to **Start 2**. Please treat the slopes into the quarries as out of bounds and not areas for play.

**NOTE:** Competitors on H1, H2 and H3 courses will come to a control which will be visible from the south-west part of the assembly area and again as they use the “run-through” across the walk between Parking and the Arena. These runners will have approximately 1-1.1km of their course to complete.

## STATE LEAGUE 4



### **Catering**

The NSW Junior squad will be providing catering. The normal foodstuffs will be on offer.

### **First Aid**

First aid will be available at the assembly area/arena should you need it.

### **Out of bounds**

All areas other than the parking, path to assembly area and assembly area are out of bounds.

### **Toilets:**

Portaloos will be located adjacent to the Arena.

### **Registration**

Registration / enter on the day / information will be open from **9:00 am**.

### **SI Stick Collection**

Competitors should collect hire SI Sticks from the registration tent at least 30 minutes before their start time.

### **Starts**

From 9:30am to 11.00am for Pre-entered competitors. Enter-On-Day starts between 10.30am to 11.00am once registered at the Information Tent.

There are two starts:

**START 1** for all HARD courses will be at the northern edge of the parking area.

**START 2** for MODERATE, EASY and VERY EASY is about 50m along a track heading east from the Arena/Finish area.

### **Split starts and M/W10N**

Families requiring split starts for child care or shadowing younger competitors should go to the start between 9:15am and 9:30am. Competitors in M/W10N can start any time during the start window.

### **Start procedure**

- **6 minutes** prior to your start time your name and SI details will be checked. Be sure to Clear & Check your SI stick.
- **4 minutes**, move forward and you can collect Control Descriptions.
- **2 minutes**, you move to the map boxes, checking that you have your correct Course box.
- **Start Beeps**, Take a map, MAKE SURE YOU PUNCH A START UNIT TO START YOUR COURSE.

The centre of the START TRIANGLE (marked by a flag) is close to the map boxes at both starts.

### **Enter on the Day**

Enter-on-day courses will be available on Hard 6, Moderate, Easy and Very Easy courses. Register at the information tent between 9:00 and 10:00 to be allocated a start time.

### **String Course**

A string course will be provided for the enjoyment and entertainment of children.

### **Finish**

The Finish is marked by tall Red Finish signs adjacent to the Arena. After Finishing by dipping your SI stick into the Finish unit, competitors should make their way 25m to the download tent. As maps will not be collected, it is the competitor's responsibility not to communicate information about the course to later starters.

### **Maps**

First field-worked and drawn by Denis Lyons. Updated March-April 2015.

**Balickera Hills 1:10000** (A3) H1, H2; printed on Pretex waterproof paper.

**Balickera Quarry 1:10000** (A4) H3, H4, H5, H6, H7, Moderate; Duracopy waterproof paper.

**Balickera Trails 1:7500** (A4) Easy, Very Easy; Duracopy waterproof paper

Previous edition of the map will be on display near the Starts

### Special Map Symbols

- (g) X (brown) – termite mounds; generally quite small (0.4m-0.8m) and vary in colour from light brown, to cream, to dark brown or almost black. As a consequence they are not easily visible in the terrain and may not be reliable for navigation. ONLY obvious termite mounds have been used as control sites.
- (h) X (black) – wreckage; cars or motor bikes and usually easily visible in the terrain. NO control sites are using wreckage.
- (i) O (black) – rubbish or other manmade feature; vary in visibility in the terrain, and some have been broken down due to bush fires so less reliable. NO control sites are using these.
- (j) T (brown) – tree root mound; comprise a fallen tree with a root ball of dirt. They vary in size from 0.4m to 1.8m. The size of the “T” depicts the size of the root mound. Only obvious tree root mounds are being used as control sites, while those of <0.6m will be difficult to see unless you are standing still.
- (k) - - - (black) - Trail bike tracks / paths have been shown with a path symbol, but with shorter dashes. Other trails and 4WD tracks are shown according to IOF mapping standards, however, many have erosion or drainage channels making them more difficult to negotiate (TAKE CARE!).
- (l) Meat-ant nests and native cherry trees are not shown on the maps for this event.

### COURSE SUMMARY

<u>COURSE</u>	<u>CLASSES</u>	<u>LENGTH (km)</u>	<u>CLIMB (m)</u>	<u>CONTROLS</u>	<u>DRINKS</u>
<b>Hard 1</b>	M21A	11.9	280	27	3
<b>Hard 2</b>	M20A, M35A, M40A	9.0	235	25	3
<b>Hard 3</b>	W21A, M45A	6.9	175	24	2
<b>Hard 4</b>	M50A, W20A, W35A, W40A, W45A, M21AS	5.9	145	21	1
<b>Hard 5</b>	M16A, M55A, M60A, M65A, W50A, M35AS	5.4	135	19	1
<b>Hard 6</b>	W16A, M70A, W55A, W60A, M45AS, W21AS	4.2	90	17	1
<b>Hard 7</b>	M75A, M80A, W65A, W70A, W75A, W80A, M55AS, W35AS, W45AS, W55AS	3.7	80	15	1
<b>Moderate</b>	W14A, M14A, W Open B, M Open B, W Junior B, M Junior B	3.7	70	15	1
<b>Easy</b>	W12A, M12A, Open Easy	2.2	65	11	0
<b>Very Easy</b>	W10A, M10A, M/W10N, Open Novice	2.0	55	9	0

**NOTE: The Easy and Very Easy Courses** will include streamer trails, using Orange coloured streamers.

### Course Planner and Mapper Notes

Generally undulating terrain. Lower areas are relatively flat and include some scrubby gullies and watercourses. Some of the hills and ridges have steep sided sections. The area is dominated by Balickera Hill which is covered by intensely rocky/stony ground. This hill has not been mapped in detail and is considered to be extremely difficult to run across. Courses have been set to allow avoidance of the area. The area around the hill and to its South-East was burnt in late 2013. Green stripe has been used for large areas of bracken fern and for regrowth (which is about 50 cm at this stage.) Full green will generally indicate large areas of lantana. There is some spikey vegetation amongst other green areas. Full body cover is recommended along with ankle protection for other areas of stony ground.

Water features are quite dry (at the end of March.), so while major watercourses are well defined, minor watercourses may be shallow and difficult to determine. Waterholes and marshes are dry.

### Safety

- (e) **Course closure is 1.30pm.** All competitors should have returned to the Finish by this time so that a search of the forest is not required. Checkpoints will be collected after 1.30pm.

- (f) Safety bearing and directions in case of an emergency situation are printed on the map. They vary for different courses depending on the area of the map being used. If a competitor is injured you should stop and give them the required assistance.
- (g) Refreshments (water) are provided at control sites marked as such in the control descriptions. Water is also available at the Arena near the Finish. Competitors should bring adequate personal supplies of refreshments (including at least 2 litres of water) for rehydration at the Arena.
- (h) The carpark, Arena, Starts and Finish are all located in the vicinity of an old disused quarry. As there are many steep slopes covered in gravel, small waterholes (unfenced), disused metal or concrete structures, and rocks or boulders that may easily roll down slopes, parents and caregivers are advised to monitor and care for child safety. Some areas adjacent to the Arena are out of bounds due to DANGER from falling and are taped off!

#### **Other Users**

- (i) Trail bikes and 4Wd's use the area. TAKE CARE! Move out of their way.
- (j) Timber collectors may make new faint tracks.
- (k) Dog trials people will not be active on the day, but they have trails through the bush (mostly to the east of Balickera Hill) marked with mainly blue or white streamers often pegged to twigs.