

SQUADRON  
ENERGY



**GRAFTON** *to* **INVERELL**  
cycle classic

AUS  
CYCLING

**NRS**  
NATIONAL ROAD SERIES



**27<sup>TH</sup> - 28<sup>TH</sup> APRIL 2024**  
**AUSTRALIA'S TOUGHEST  
ONE-DAY CLASSIC**

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## 1.1 EVENT INFORMATION

Event Name	Squadron Energy Grafton to Inverell Cycle Classic
Date/s	27-28 April 2024
Organiser	Inverell Cycle Club
Contact Details	Chris Thompson (Event Director) P: 0408 092 592 E: <a href="mailto:chris@cyclesense.com.au">chris@cyclesense.com.au</a>

## 1.2 WELCOME FROM THE EVENT DIRECTOR

Welcome to the 63rd edition of the Squadron Energy Grafton to Inverell Cycle Classic. We are excited to host more than 350 cyclists in what has been labelled the 'Toughest One Day Classic' in Australia.

This prestigious event is again a key race on the men's AusCycling National Road Series (NRS) calendar. This year the NRS Women will compete in a 2 day Sapphire Tour over the event weekend racing Stage 1 Mt Mitchell to Inverell (109km) on the Saturday then a Stage 2 Lake Inverell Circuit Race on the Sunday.

In addition to the iconic 228km Grafton to Inverell Cycle Classic, this year the event has expanded to offer new, exciting race options including the Grafton to Inverell Pairs Relay, Mt Mitchell to Inverell Open, opportunities for Under 19's and an Open Lake Inverell Circuit race.

We are honoured to confirm that Squadron Energy is continuing as major event partner for 2024. Their support enables us to continue to develop the event into a major cycling tourism opportunity for the region. It is rare to have a cycling race in this country for competitive cyclists of all levels with the terrain and distance that rivals a European Classic.

The Grafton to Inverell is a great event to follow. There will be live updates of the race through the National Road Series Facebook page, post event highlights from SBS and live radio coverage of all the races through our event partner, Sta FM 91.9, who also stream live on their website. Stay connected with Facebook, X, and Instagram for an interactive account of the 2024 Classic.

It is impossible to hold such an event without the continued support and dedication from our mass of volunteers and officials. We also thank all our sponsors including the Clarence Valley and Inverell Shire Councils, as well as NSW Police and Transport for NSW for their backing of our event. The event also could not happen without the support of AusCycling. The Grafton to Inverell will again finish in Vivian St in Inverell where riders will be greeted by a carnival atmosphere in Victoria Park. The Jack Griffin Memorial Shield will be presented to the race winner.

The Squadron Energy Grafton to Inverell Cycle Classic will attract the best Australian teams with the cream of Australia's elite domestic male and female cyclists as they battle it out to become the National Road Series champion. We hope it is a rewarding experience for everyone involved and best of luck to all competitors.

Enjoy the event!  
Chris Thompson  
Event Director



## 1.3 HONOUR ROLL – THE LAST 10 YEARS

### 1.3.1 MEN'S NRS GRAFTON TO INVERELL

2023	1. Z.Marriage (SA) 2. M.Campbell (QLD) 3. R.Robotham (QLD)	5.55.29	2017	1. N. Van der Ploeg (VIC) 2. M. Ross (VIC) 3. A. Toovey (NSW)	5.46.26
2022	1. D.Morey (VIC) 2. M.O'Brien (VIC) 3. S.Hill (NSW)	5.53.39	2016	1. P. Lane (VIC) 2. N. Elliott (VIC) 3. P. Shaw (VIC)	5:57:55
2021	1. R Porter (VIC) 2. S Hill (NSW) 3. R Cavanagh (QLD)	5.56.12	2015	1. S. Lake (VIC) 2. C. Monk (VIC) 3. T. Davison (NZ)	6:01:13
2020	No event held	-----	2014	1. S. Lake (VIC) 2. O. Kent-Spark (VIC) 3. K. Juel (QLD)	6:40:26
2019	1. W Hodges (NSW) 2. D Sunderland (NSW) 3. N White (VIC)	6.27.12	2013	1. J. Anderson (QLD) 2. B. Johnson (NSW) 3. N. Elliot (VIC)	6:38:07
2018	1. N. Elliott (VIC) 2. R. Freienstein (VIC) 3. C. Scott (NSW)	6.44.16			

### 1.3.2 WOMEN'S NRS

2023	Grafton to Mt Mitchell 1. M.Hayden (QLD) 2. T.Appleton (VIC) 3. E.Watts (NSW)	3.59.32	2022	Gibraltar to Inverell 1. A. Martin-Wallace (QLD) 2. J. Talbot (NSW) 3. A. Louw (TAS)	3.57.34
			2021	Gibraltar to Inverell 1. R Roseman Gannon (VIC) 2. J Talbot (NSW) 3. P Mullens (VIC)	4.08.56



## 1.4 RACING SCHEDULE

DAY	DISTANCE	START TIME	FINISH TIME	START LOCATION	FINISH LOCATION
Saturday 27/04/24	228km	7.15am Men's NRS race  7.25am Grafton to Inverell Open	1:15pm [first]  5:10pm ['cut off' time]	Memorial Park, Prince Street (opposite Crown Hotel) in Grafton	Vivian Street in Inverell (50m past the Sacred Heart Catholic Church)
Saturday 27/04/24	119km /109km	7:25am Grafton to Inverell Pairs Relay	1:45pm [first]  5:10pm ['cut off' time]	<i>Rider 1</i> – Memorial Park, Prince Street (opposite Crown Hotel) in Grafton  <i>Rider 2</i> – Mt Mitchell Feed Station	<i>Rider 1</i> – Mt Mitchell Feed Station  <i>Rider 2</i> - Vivian Street in Inverell (50m past the Sacred Heart Catholic Church)
Saturday 27/04/24	109km	8.15am Women's NRS race Sapphire Tour Stage 1  8.30am Mt Mitchell to Inverell Open	11.30am [first]	Mt Mitchell Feed Station	Vivian Street in Inverell (50m past the Sacred Heart Catholic Church)
Sunday 28/04/24	42km	8.00am Women's NRS Sapphire Tour Stage 2	9.10am	Lake Inverell Off Road Recreation Circuit	Lake Inverell Off Road Recreation Circuit
Sunday 28/04/24	34km	9.15am Lake Inverell Open Circuit Race	10.05am	Lake Inverell Off Road Recreation Circuit	Lake Inverell Off Road Recreation Circuit
Sunday 28/04/24	42km	10.15am Men's NRS Lake Inverell Circuit Race	11.20am	Lake Inverell Off Road Recreation Circuit	Lake Inverell Off Road Recreation Circuit



### 2.1 EVENT CONTACT LIST

Event Director	Chris Thompson
Race Director	Fiona Fahy
Operations Manager	Dan Wilks
Site Manager – Mt Mitchell Feed Station	Michael Jorgensen
Site Manager - Glen Innes	Phil Rowe
Site Manager – Finish	Kylie Wilks
Chief Commissaire Grafton to Inverell	Neil Harmey
Chief Commissaire Mt Mitchell to Inverell	Bill Clinch
Chief Judge	Neil Mason
Chief Commander NSW Police	Sergeant Jarrod Langan
Commentators	Luke Lucas Greg Kachel
Event Radio [Sta FM 91.9] Broadcast	Luke Lucas (Men's NRS) Graham Seers (Women's NRS) Peter Baz (Grafton to Inverell Open) Paul Wilks (Grafton to Inverell Open)
Medical - ASSIST First Aid	

### 2.2 MEDIA & COMMUNICATIONS

Media enquiries should be directed to Ryan Mui on (02) 7229 6461.

### 2.3 SOCIAL MEDIA

For live race updates follow @AusCyclingRoadEsports and @graftontoinverell on Facebook, @AusCyclingAus and @G2Irace on X, and AusCyclingAus and G2Irace on Instagram.



## 2.4 REGISTRATION AND MEETINGS

### 2.4.1 REGISTRATION

**Date:** Friday 26th April 2024.

**Time:** 4.00pm – 5.30pm.

- 4.00pm – 4.30pm – Men’s and Women’s NRS
- 4.30pm – 5.30pm – Grafton to Inverell Open, Pairs Relay and Mt Mitchell to Inverell Open

**Venue:** Toast Espresso, 31 Prince Street, Grafton

All Team Managers and individually registered riders are required to register within this time. All teams and riders will receive their race numbers, transponders, and official vehicle stickers for the event.

Riders competing in the Women’s NRS Sapphire Tour and the Mt Mitchell to Inverell Open who are unable to attend the Grafton registration are able to register at the Mt Mitchell Start on Saturday 27th April from 7am – 7.45am.

### 2.4.2 TEAM MANAGERS MEETING (NRS REGISTERED TEAMS ONLY)



**Date:** Wednesday 24th April 2024

**Time:** 7.00pm – 7.30pm

**Venue:** Virtual Meeting via Microsoft Teams - <https://bit.ly/3VWWpX2>

As per National Road Series Regulations, this meeting is compulsory for all Team Managers.

### 2.4.3 COMMISSARIES MEETING

**Date:** Friday 26th April 2024

**Time:** 5.30pm – 6.00pm

**Venue:** Crown Hotel, Prince Street, Grafton.

As per National Road Series Regulations this meeting is compulsory for all Commissaries.

### 2.4.4 CONVOY OPERATIONS MEETING

**Date:** Friday 26th April 2024

**Time:** 6.00pm – 6.30pm

**Venue:** Crown Hotel, Prince Street, Grafton.

The Race Director, Chief Commissionaire and Police shall ensure all convoy drivers are fully briefed on the Convoy Code of Conduct.

All persons driving in the convoy are required to attend and have current AusCycling membership (minimum ‘Non Riding’ membership level).



## SECTION 3

# COMPETITOR INFORMATION



### 3.1 SIGN ON - NRS RIDERS ONLY

All NRS riders will be required to sign on from 60 minutes prior to race start and up to 15 minutes prior to race start.

- Men's NRS – Grafton start – 6.15am – 7.00am
- Women's NRS – Mt Mitchell start – 7.15am – 8.00am

### 3.2 PRESENTATIONS

A presentation ceremony will take place approximately 15 minutes of race winners crossing the line at the presentation stage in Victoria Park, Inverell on Saturday and the presentation dais at the Lake Inverell Off Road Registration Circuit on Sunday.

#### 3.2.1 NRS RACE

1st, 2nd and 3rd placegetters, King/Queen of the Mountain winners, Sprint King/Queen winners, Team's Classification winners, NRS Leader and NRS U21 Leaders are required to report directly to the podium immediately after the finish of their race for presentation.

#### 3.2.2 ALL OTHER RACES

All placegetters are required to report directly to the podium immediately after the finish for presentations. Age category and Team's Classification presentations will commence after results have been confirmed.

### 3.3 NEUTRAL RACE SUPPORT

#### 3.3.1 NRS RACE

NRS riders will have the option of receiving service (in the case of mechanical or puncture) from team vehicles in the race convoy or utilising one of the Neutral Service Vehicles that will be travelling within the race convoy.

No mechanical repairs will be permitted from a moving vehicle and the rider must indicate the need for service by raising their hand and proceeding to a stop off the left-hand side of the road.

Teams are requested to provide some Shimano and SRAM compatible wheels (clearly marked with team name and race numbers) for the Neutral Service Vehicle at least 30 minutes prior to the race start. A Cyclist Identifier Label will be placed on the Spare Wheel upon acceptance at the Spares Van.

#### 3.3.2 GRAFTON TO INVERELL OPEN RACE

Grafton to Inverell Open riders will have two Neutral Spares Vehicle that will travel with the race. Riders are only entitled to a replacement wheel if they have placed their own wheels in the vehicle. The wheels must be clearly labelled with the rider's surname, race number and age category. They must be placed in the assigned Neutral Spares area for the Grafton to Inverell Open at least 30 minutes prior to the race start. No mechanical repairs will be permitted from a moving vehicle and the rider must indicate the need for service by raising their hand and proceeding to a stop off the left-hand side of the road. If you have been issued with a spare wheel during the race, your race number will be recorded and you are required to report to the Spares Tent after the race.

#### 3.3.3 MT MITCHELL TO INVERELL OPEN RACE

Mt Mitchell to Inverell Open riders will have one Neutral Spares Vehicle that will travel with the race. Riders are only entitled to a replacement wheel if they have placed their own wheels in the vehicle. The wheels must be clearly labelled with the rider's surname and race number. They must be placed in the assigned Neutral Spares area for the Mt Mitchell to Inverell Open at least 30 minutes prior to the race start. No mechanical repairs will be permitted from a moving vehicle and the rider must indicate the need for service by raising their hand and proceeding to a stop off the left-hand side of the road. If a rider has been issued with a spare wheel during the race, their race number will be recorded and they are required to report to the Spares Tent after the race.



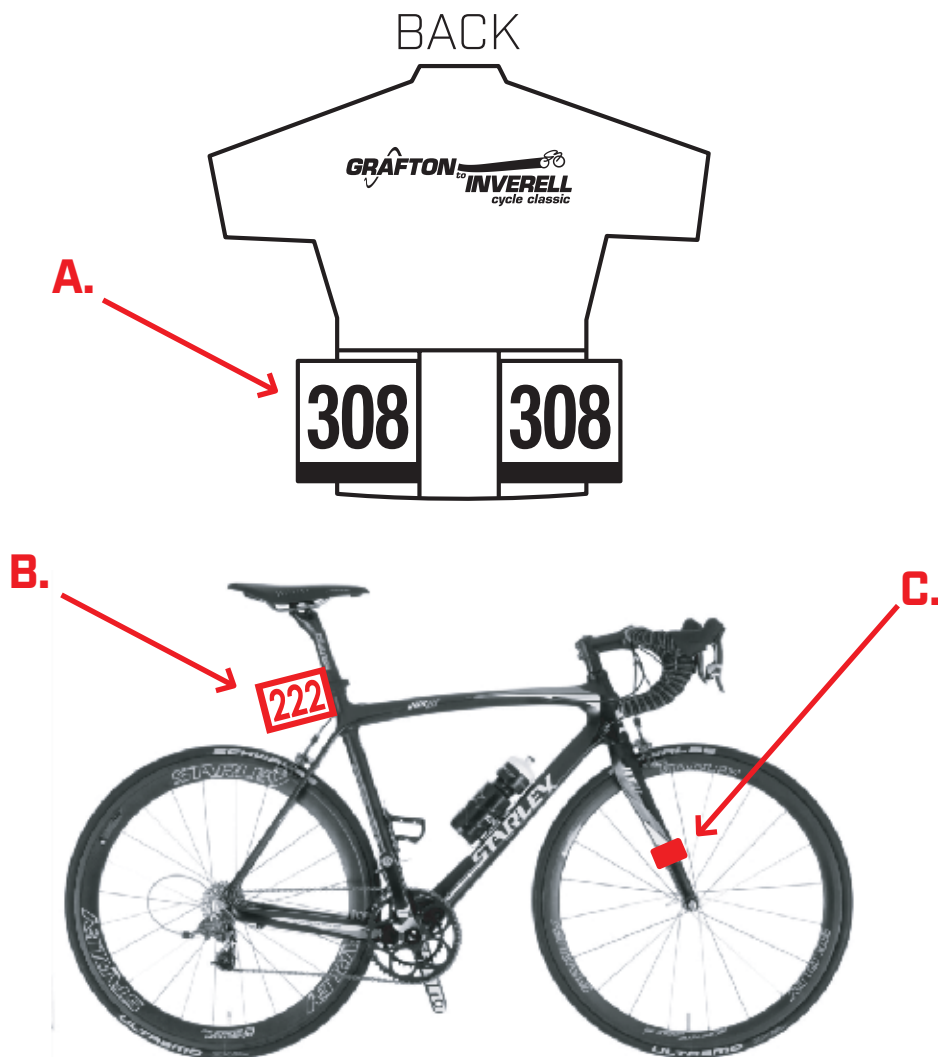
### 3.4 RACE NUMBERS AND TRANSPONDERS

Each competitor will receive a race pack at registration that will include 2 body numbers, a seat post number, a transponder and important information regarding the event.

- A.** The body number must be worn by every competitor on left and right pockets of the jersey with a minimum one hand width between them.
- B.** The seat post number must be attached to the seat pole under the seat, or to the base of the seat post.
- C.** The transponder must be attached to the bike.

Body numbers, frame numbers and seat post numbers cannot be folded, cut or altered in any way. A penalty of \$50 will be issued to any rider that folds, cuts, alters or fails to display their race numbers.

**Loss or damage to the timing chip will result in a fine of \$150.**



## SECTION 3 COMPETITOR INFORMATION



### 3.5 RIDER IDENTIFICATION

Competitors in each race will be distinguished by the background colour of their body numbers.

- Men's NRS - **GREY**
- Women's NRS - **ORANGE**

Men's Grafton to Inverell Open:

- 19-29 - **YELLOW**
- 30-39 - **BLUE**
- 40-49 - **GREEN**
- 50-59 - **WHITE**
- 60-69 - **LIGHT RED**
- 70+ - **LIGHT MAGENTA**

Women's Grafton to Inverell Open - **PINK**

Grafton to Inverell Pairs Relay - **WHITE WITH RED NUMBERS**

Mt Mitchell to Inverell Open - **LIGHT MAGENTA**

### 3.6 FEEDING

The neutral water stations and feeding stations will be clearly marked with traffic personnel and event signage. Handlers are only permitted at the feed stations, NOT at the neutral water station. Handler's vehicles must display the sticker indicating their competitor's number that will be available in their race pack.

#### Stations for Grafton to Inverell:

STATION	LOCATION	KM FROM START	EXPECTED FIRST RIDER
Neutral Water Station	Gibraltar Range - before Bellbird Gully	70km	9.05am
Feeding Station 1	Glen Innes Correctional Centre - Mount Mitchell	119km	10.20am
Feeding Station 2	Coronation Ave - Glen Innes	162km	11.25am

Mobile motorbikes will be available for extra water:

- from Heffrons Lookout on the Gibraltar Range (82km) to the Mount Mitchell feed station (119km)
- from the bottom of the Waterloo Range descent (178km) to the summit of the Wire Gully climb (207km).

Every effort will be made to offer this to all riders though riders should not rely solely on this provision.

**Note: All feeding must be conducted on foot from the left-hand side of the road only. No feeding is permitted from parked or moving vehicles. Glass or any other dangerous containers are prohibited.**

## SECTION 3 COMPETITOR INFORMATION



### 3.6.1 FEEDING STATION 1 - MOUNT MITCHELL (119KM)

Handler's vehicles will be directed by staff to a designated waiting zone for the relevant race. Handlers are asked to park in allocated race areas within the entrance to the Glen Innes Correctional Centre and requested to:

1. Park car in the allocated area.
2. Walk to the feeding zone in preparation for the arrival of their rider.
3. Exit quickly once they have fed their rider - WATCHING FOR OTHER CYCLISTS.

Handler's vehicles and official race convoy vehicles are required to move to the right-hand side of the road to travel past the designated feed zone. Riders will proceed through the feed zone in the left-hand lane. Please follow the directional arrows or instruction from event marshals.

The estimated arrival times for each race are as follows:

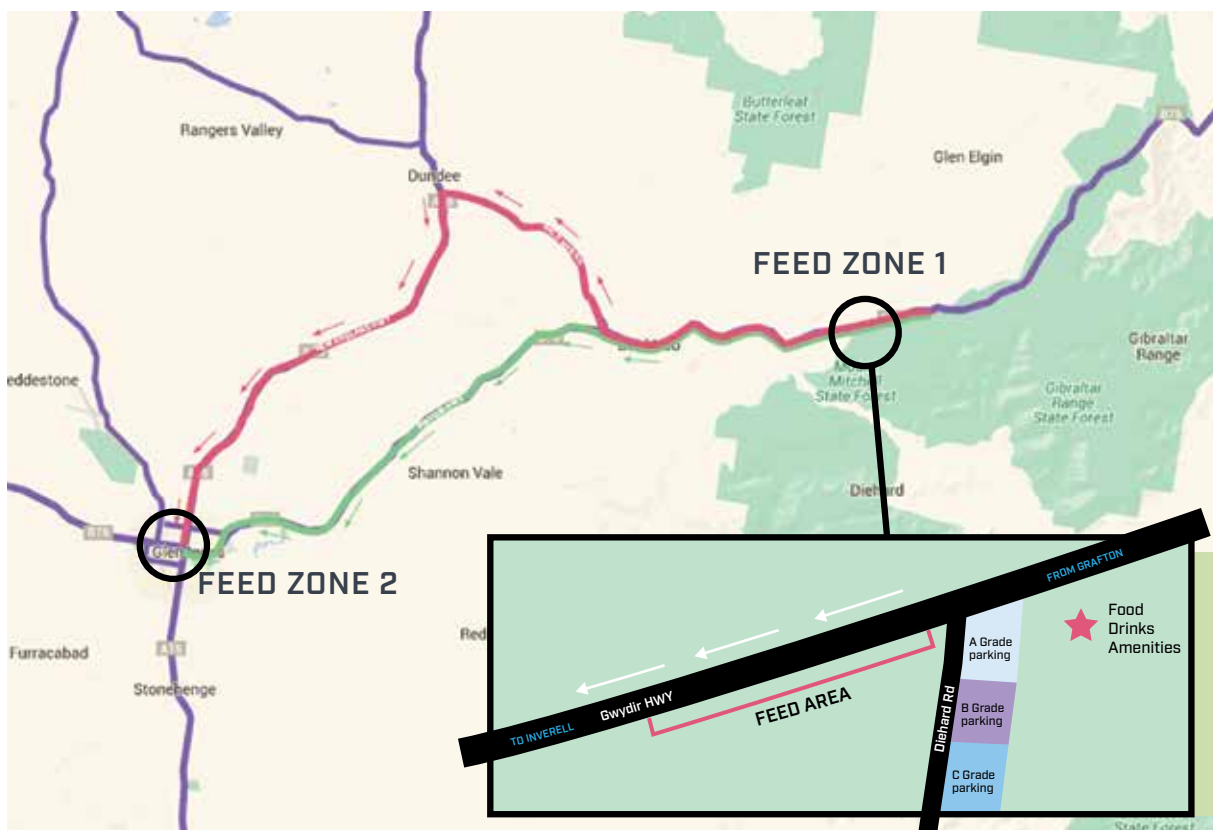
- Men's NRS – 10.20am – 10.45am
- Grafton to Inverell Open – 10.55am – 11.15am

Food, coffee, refreshments, toilets and live radio coverage will be available at the feed station. The Mann River Shop at Jackadgery (47km) will also be open for refreshments on the way to Mount Mitchell.

Handlers are asked to:

1. Not form a convoy behind any rider or event convoy.
2. Head directly to the next feed station in Glen Innes using the Bald Nob Deviation, following pink directional arrows. The deviation will be indicated by pink directional arrows fixed to guide posts and signs along the road. This is the only possible way for Handlers to get to Glen Innes.
3. Follow NSW Police instructions to pass the race convoy.

All support vehicles transporting riders to the start of the Women's NRS and Mt Mitchell to Inverell Open races must depart Mt Mitchell for Inverell by 8am (prior to the start of the Women's NRS race).



## SECTION 3 COMPETITOR INFORMATION



### 3.6.2 FEEDING STATION 2 – GLEN INNES (161KM)

Handlers must follow the pink directional arrows to the parking area in Glen Innes. The area has been allocated on Wullamulla Street and Mossman Street. Handler's vehicles will be directed by staff to a designated waiting zone for their race. They will be asked to park in allocated on Wullamulla Street and Mossman Street. Handlers are asked to:

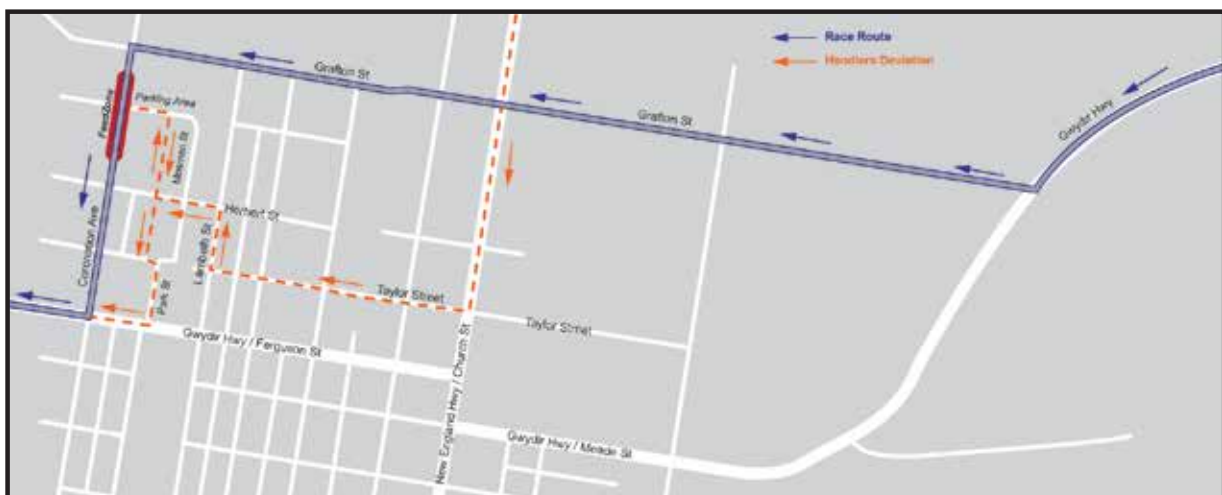
1. Park car in the allocated area.
2. Walk to the feeding zone in preparation for the arrival of their rider.
3. Exit quickly once they have fed their rider - **WATCHING FOR OTHER CYCLISTS.**

All services are available in Glen Innes (food, coffee, fuel). Handlers are asked to use caution when using local streets and while crossing the race route. They must follow the instructions of Traffic Management and closures where applicable.

If you are supporting a rider in the Grafton to Inverell Open Race, you must not depart the town of Glen Innes via the Gwydir Highway towards Inverell prior to 12.30pm. This NSW Police directive will limit the impact of traffic on the Men's NRS race enhancing the safety and quality of the event. Riders will face sanctions if their vehicle does not follow this directive. Handlers are asked to:

1. Not form a convoy behind their rider.
2. Head directly to Inverell following **pink directional arrows** fixed to guide posts and signs along the road.
3. Follow NSW Police instructions to pass the race convoy (if necessary).
4. Remain on the Gwydir Highway (following the pink directional arrows) at the point the race deviates off the highway to complete the Elsmore loop. Handlers must not follow cyclists through Elsmore Loop and instead continue straight on Gwydir Highway.

All support vehicles transporting riders to the start of the Women's NRS and Mt Mitchell to Inverell Open races must depart Mt Mitchell for Inverell by 8am (prior to the start of the Women's NRS race).



## SECTION 3 COMPETITOR INFORMATION



### 3.6.3 FINISH LINE

Handlers are requested to follow pink directional arrows to designated parking areas in Ross St, Rivers St, and Evans St. The parking area is located within 200metres of the Finish Area. Handlers must not enter areas of parking designated for Team, Official, or Police Vehicles.

Official event convoy vehicles will be deviated into Ross Street prior to the event finish. The only official vehicles permitted to proceed through the finish line will be Lead vehicles, Commissaire vehicles, First Aid vehicles and Sag Wagon. Designated convoy parking will be in Rivers Street.



## 3.7 PENALTIES

UCI/AC scale of penalties will apply.

## 3.8 LITTERING

Litter zones have been set up 200m before every feed and water zone throughout the race to dispose of rubbish and empty bottles. These areas will be marked with signs and orange mesh. All competitors must utilise these areas to dispose of their rubbish and bottles and not litter on other areas of the race route.

NRS teams must take responsibility for their own litter and return it to the team vehicle. Riders found to be littering will be fined in accordance with local laws and technical regulations.

## 3.9 TOILET BEHAVIOUR

Riders are advised that it is an offence to urinate in public. Penalties will be imposed on those who choose to ignore this law.

### 3.9.1 TOILETS

- Start area: Toilet facilities are available in Memorial Gardens. A urinal and one cubicle are available for men and two cubicles are available for women. Additional facilities will be available in the Grafton Civic Centre.
- Mount Mitchell Feed Station: Four portable toilets are available.
- Glen Innes Feed Station: Two portable toilets are available.
- Finish area: Toilets are available in Victoria Park.



## SECTION 3

# COMPETITOR INFORMATION



### 3.10 ROLLING ROAD CLOSURES

A rolling road closure will be implemented by NSW Police for the event. To assist with this implementation, the Gwydir Highway will be closed to traffic entering from Tindal's Road (15km mark) and Bald Nob Rd (135km mark), 26km east of Glen Innes. The rolling road closure applies to a police-controlled zone between the lead police car and the rear escort police vehicle for each race. All competitors and vehicles outside this zone must abide by the road rules.

The Gwydir Highway is fully open to traffic after Bald Nob Road (135km). The rolling road closure will continue to be implemented by the NSW Police. Due to the resources available, there will be oncoming traffic that will be managed by NSW Police escort vehicles. As a result, riders and convoy vehicles are required to keep to the left-hand side of the highway.

There will be a requirement for Police to facilitate a 'vehicle release' past the race on the Gwydir Highway at several determined points between Glen Innes (161km) and the Elsmore turn-off (209km). This is to prevent an excessive build-up of civilian and support vehicles behind the race convoy. Note: There is no deviation route available for vehicles on this stretch of road. The Police will advise the planned locations for the releases. On all overtaking sections (two lanes west bound), all riders and convoy vehicles are to remain in the left lane of the roadway. The release of built up traffic will only be done when it is safe, feasible and does not impact on the race situation.

### 3.11 RACE COMMUNICATION

To be eligible to have a vehicle in the NRS race convoy, teams must supply their own UHF radio and flashing roof light. The race channel will be channel 14. Further details regarding radio protocol will be provided at the Team Managers Meeting.

### 3.12 RIDER SUPPORT PARKING

Gibraltar Range Summit is reserved for Commissaires, Judges, Press, and Police only. No Handlers are permitted. In Inverell, Handlers are requested to turn right into Mansfield St and follow the pink directional arrows around to the parking area, which is within walking distance to the finish area.

### 3.13 MEDICAL SERVICES

The event will have Paramedic and First Responder personnel always following the road race. The Paramedic will be present in the Race Doctor Vehicle within the NRS race convoy whilst the first responder personnel will be in the 'First Aid' Vehicle at the rear of each convoy.

If there is an incident, the medical staff can be reached over the two-way radio communications. In case of a serious emergency, please phone '000'



### 4.1 TECHNICAL REGULATIONS

The event abides by the AusCycling Technical Regulations under the direction of race officials. Officials will be on course during the event. Riders must be familiar with the rules for road racing events and always follow the instructions of officials and event marshals. Non-compliance will result in a penalty and/or disqualification.

### 4.2 TYPE OF EVENT

The event forms part of the AusCycling National Road Series, the feature series on the Australian road racing calendar, with teams and individuals in the NRS races competing for national recognition.

### 4.3 PARTICIPATION

Participants will compete in the following races: Men's NRS, Women's NRS Sapphire Tour, Grafton to Inverell Open, Grafton to Inverell Pairs Relay, Mt Mitchell to Inverell Open and the Lake Inverell Circuit Races. The Men's and Women's NRS races are category 1 National Road Series events comprising of teams of 4-8 riders (Men) or 3 – 6 riders (Women). Teams registered with the National Road Series will receive automatic entry into the event with up to two additional wildcard teams selected by the Event Organiser and three international teams. All riders must hold a valid AusCycling licence or apply for a One Day Event Licence through the AusCycling website.

### 4.4 RACE CONDITIONS

The Grafton to Inverell Race will commence under neutral conditions (30km/h) until the 100km speed sign on the Gwydir Highway out of Grafton. Riders must remain behind the rear of the Race Directors or Commissaires vehicle under the direction of the police. The Race Director or Commissaire will signal the start of racing.

Riders are to remain aware that although the road is closed for a large section of the course, provisions must be made for the safe passage of event vehicles under the direction of the police. This includes official vehicles in the event convoy and rider support vehicles.

Rider feeding by supporters will only be permitted at the designated feed stations. Non-NRS riders cannot be fed from moving vehicles at any time.

Riders who fall behind the rear police escort vehicle will be outside the police-controlled zone. They are then required to follow the road rules and always remain aware of vehicles.

A sag wagon (bus) will be located behind the last rider on the road. The sag wagon will be travelling at a pre-determined pace at an average of 24km/hr. It is required to be at certain check points each hour. If a rider falls behind the sag wagon, the race number and transponder must be surrendered to the sag wagon official, and the rider must exit the race.

The Chief Commissaire will determine when a breakaway has been declared and will authorise the spares vehicles ahead if required.

### 4.5 PACE RIDERS

The Grafton to Inverell 'Pacers' will be on hand to accompany and encourage any riders at the rear of the field who are aiming to stay ahead of the sag wagon schedule. They will commence at the rear of the Grafton to Inverell Open and maintain the pace required to complete the course in under the 9hr 30 minute cut-off time. They provide the opportunity for riders to join their group and ride with the support of others to the finish in Inverell.



### 4.6 PAIRS RELAY

Each pair will consist of two riders. The first rider will commence with the Grafton to Inverell Open race and complete the first leg from Grafton to the Mt Mitchell Feed Station (119km). There will be a designated 'rider change-over area' located near the entrance to Camp Road. Once the first rider has passed the white line on the road, the second rider can commence the second leg to the finish in Inverell (109km).

Riders in the Pairs Relay will be distinguished by race numbers with a white background and red numbers. Riders in the Pairs Relay are not eligible for Sprint or KOM/QOM points.

Riders completing the second leg of the Pairs Relay cannot provide assistance to riders in the Grafton to Inverell Open race.

### 4.7 FINISH WARNING

The finish structure is placed on the race finish line. The race finish line will be marked by a thick white line on the road, and finish signage on either side. Cyclists have a short 50m straight run after the finish line and are then directed in a U-turn back toward Victoria Park. All cyclists will be directed through the First Aid and water station. All cyclists must go through the finishing tent to have their race number recorded and the transponder removed from their bike. If not, cyclist placing may be forfeited.

Riders must not pass back over the finish line once their race has finished or use the race route for cool down.





## 4.8 CLASSIFICATIONS

### 4.8.1 WINNERS CLASSIFICATION

- Squadron Energy Men's NRS Winner
- Squadron Energy Women's NRS Winner
- Steeline FNW Men's Grafton to Inverell Open Winner
- Print Anything Women's Grafton to Inverell Open Winner
- Sapphire Wind Farm Lake Inverell Men's NRS Circuit Race
- Sapphire Wind Farm Lake Inverell Open Circuit Race

### 4.8.2 KING/QUEEN OF THE MOUNTAIN (KOM/QOM) CLASSIFICATION

Points will be awarded as follows for the races below:

#### BOSS BUILT MEN'S NRS KOM

LOCATION	DISTANCE FROM START	POINTS AVAILABLE
Cattle Creek	25km	10, 6, 4, 2
Gibraltar Range Summit	87km	20, 12, 8, 4
Waterloo Range Summit	175km	10, 6, 4, 2
Wire Gully Climb	208km	10, 6, 4, 2

#### BOSS BUILT WOMEN'S NRS SAPPHIRE TOUR STAGE 1 QOM

LOCATION	DISTANCE FROM START	POINTS AVAILABLE
Waterloo Range Summit	56km	10, 6, 4, 2
Wire Gully Climb	88km	10, 6, 4, 2

#### BOSS BUILT GRAFTON TO INVERELL OPEN KOM

LOCATION	DISTANCE FROM START	POINTS AVAILABLE
Cattle Creek	25km	10, 6, 4, 2
Gibraltar Range Summit	87km	20, 12, 8, 4
Waterloo Range Summit	175km	10, 6, 4, 2
Wire Gully Climb	208km	10, 6, 4, 2

The rider in each race who accumulates the most points will be crowned the 'King of the Mountain' or 'Queen of the Mountain' and receive the winners jersey. Only riders who finish the race will be eligible. In the case of riders being equal on points, the 'King of the Mountain' or 'Queen of the Mountain' will be awarded to the highest placed finisher. All KOM/QOM locations will display a yellow flag or sign 200m before the finish and a large white flag or red sign at the finish line.



### 4.8.3 SPRINT KING/QUEEN CLASSIFICATION

Points will be awarded as follows for the races below:

#### KENNARDS MEN'S NRS SPRINT KING:

LOCATION	DISTANCE FROM START	POINTS AVAILABLE
Mann River Caravan Park	47km	10, 6, 4, 2
Coombadjha Road	66km	10, 6, 4, 2
Glen Innes (Golf Links Road)	156km	10, 6, 4, 2

#### KENNARDS WOMEN'S NRS SAPPHIRE TOUR STAGE 1 SPRINT QUEEN:

LOCATION	DISTANCE FROM START	POINTS AVAILABLE
Glen Innes (Golf Links Road)	37km	10, 6, 4, 2

#### KENNARDS WOMEN'S NRS SAPPHIRE TOUR STAGE 2 SPRINT QUEEN:

LOCATION	DISTANCE FROM START	POINTS AVAILABLE
Finish Line	Completion of lap 10	5, 3, 2, 1
Finish Line	Completion of lap 20	5, 3, 2, 1
Finish Line	Completion of lap 30	5, 3, 2, 1

#### KENNARDS GRAFTON TO INVERELL OPEN SPRINT KING:

LOCATION	DISTANCE FROM START	POINTS AVAILABLE
Mann River Caravan Park	47km	10, 6, 4, 2
Coombadjha Road	66km	10, 6, 4, 2
Glen Innes (Golf Links Road)	156km	10, 6, 4, 2

The rider in each race who accumulates the most points will be crowned the 'Sprint King' or 'Spring Queen' and receive the winners jersey. Only riders who finish the race will be eligible. In the case of riders being equal on points, the classification will be awarded to the highest placed finisher. All Sprint locations will display a 1km to Sprint Sign, a yellow flag or sign 200m before the finish and a large white flag or green sign at the finish line.

### 4.8.4 TIME BONUSES (WOMEN'S NRS SAPPHIRE TOUR)

Time bonuses will be awarded as follows, with the times being deducted off the rider's cumulative time at the conclusion of the stage:

#### TIME BONUSES – STAGE FINISHES:

	1ST	2ND	3RD
All Stage Finishes	10 Seconds	6 Seconds	4 Seconds

#### TIME BONUSES – INTERMEDIATE SPRINTS AND QOM'S:

	1ST	2ND	3RD
All Intermediate Sprints & QOM's	3 Seconds	2 Seconds	1 Second

### 4.8.5 TEAMS CLASSIFICATION

The Teams Classification for the men's teams and women's teams in the NRS events is calculated on the basis of the sum of the three best individual times from each team.

The Teams Classification for the men's teams and women's teams in the Grafton to Inverell Open race is calculated on the basis of the sum of the three best individual times from each team.

In the case of the Grafton to Inverell Open Mixed teams, the time will be taken from the cumulative time of the first three members to finish that includes at least one female rider.

## SECTION 4 EVENT REGULATIONS



### 4.8.6 MOST ATTACKING RIDER

The 'Most Attacking Rider' will be awarded to the rider judged by the Commissaire in Charge as being the most attacking rider in the Grafton to Inverell Open race.

### 4.8.7 IAN 'BLUEY' MANTON AWARD

Awarded to the first Inverell rider in the Grafton to Inverell Open race.

## 4.9 TIME LIMITS

No result recorded after 5.10pm.

## 4.10 NEUTRAL RACE CONTROL

The Grafton to Inverell race will proceed under NEUTRAL conditions until the 100km sign on Gwydir Highway has been reached. The Race Director will signal the start of the race. Cyclists must not move ahead of the escort vehicles during the NEUTRAL section. Left lane only must be used during the race. Riders may be disqualified for crossing the centre line. Riders must refrain from relieving themselves in the Neutral section of the race

## 4.11 RIDER TOWING

In accordance with the NRS Standards:

The practice of 'Towing Riders' which might include:

- rider holding on to their team vehicle or object (e.g. taking a 'sticky bottle')
- rider holding on to another motor vehicle
- sheltering behind or falling into the slip stream of a vehicle.

**Rider towing is in breach of UCI Regulations and AusCycling Regulations.**

## 4.12 PRIZEMONEY

<b>Men NRS</b>		<b>Women's NRS</b>		<b>Grafton to Inverell Open</b>	
<b>RESULT</b>	<b>AMOUNT</b>	<b>RESULT</b>	<b>AMOUNT</b>	<b>RESULT</b>	<b>AMOUNT</b>
1st	\$1,000.00	1st	\$1,000.00	1st	\$250.00
2nd	\$750.00	2nd	\$750.00	2nd	\$200.00
3rd	\$500.00	3rd	\$500.00	3rd	\$150.00
4th	\$300.00	4th	\$300.00		
5th	\$250.00	5th	\$250.00		
KOM	\$250.00	QOM	\$250.00	KOM	\$150.00
Sprint	\$250.00	Sprint	\$250.00	Sprint	\$150.00

### NOTE:

#### Independent NRS and Grafton to Inverell Open Riders

Prizemoney will be transferred to the prize winner's nominated account by Friday 10 May. Please send bank details to [info@graftontoinverell.com.au](mailto:info@graftontoinverell.com.au) prior to this date to receive the prize.

#### NRS Team Riders

All prizemoney will be paid directly to the NRS team. The Team Manger must send bank details to [info@graftontoinverell.com.au](mailto:info@graftontoinverell.com.au) prior to Friday 10 May for the team to receive the prize.

The list of prizes for all awards are listed on the Squadron Energy Grafton to Inverell Cycle Classic website under each event category.



## SECTION 4

# EVENT REGULATIONS



## 4.13 EVENT SIGNAGE

### 4.13.1 RACE DIRECTIONAL SIGNAGE

Signs depicting GREEN arrows will be used to indicate the direction of travel for the race. They will be displayed for 200m (at 50m intervals) on the Gwydir Highway at the Bald Nob road intersection. They will be used in conjunction with 'Cyclists Turn 500m' and 'Cyclists Turn 200m' signage on the approach to the Gwydir Highway/Grafton Street intersection. They will then be displayed for 200m (at 50m intervals) at the Grafton Street/New England Highway intersection, Grafton Street/Coronation Avenue, and Coronation Avenue/Ferguson Street (Gwydir Highway) intersection to indicate the direction of travel through Glen Innes. They will then continue on the Gwydir Highway for 200m (at 50m intervals).

They will be used in conjunction with 'Cyclists Turn 500m' and 'Cyclists Turn 200m' signage on the approach to Dodd's Lane and Elsmore Road with a GREEN arrow located at each intersection. A further GREEN arrow is located at the Elsmore Road-Gwydir Highway intersection. They are finally used to indicate the direction of travel along Vivian Street off the Gwydir Highway in Inverell with placement for 200m (at 50m intervals) along Vivian Street from the intersection.

### 4.13.2 FEED STATION SIGNAGE

All Feed Stations will display yellow and black Cyclist Feed Zone Ahead signage 500m from the start of the feeding zone. The zone will be indicated by a blue flag at the start and finish with End Feed Zone signage just beyond the blue flag at the finish of the zone.

### 4.13.3 SPRINT AND KOM SIGNAGE

A sign will be used to indicate 1km to go to each of the Sprint and King/Queen of the Mountain points. Teardrop banners or signs will be erected on the road verge to indicate 200m to go and the finish line for each Sprint and King/Queen of the Mountain point. The finish line will be marked by professional marking tape.

### 4.13.4 DISTANCE TO GO SIGNAGE

Signage indicating the distance remaining to the finish of the race will be displayed at 50km, 20km, 10km, 5km, 3km, 1km, 500m, 200 m and 100m to go.

## 4.14 ANTI-DOPING

Testing will be conducted at this event. It is the responsibility of the rider to ensure they are not required for testing prior to their departure from the venue. Doping control facilities will be located close to the finish line.

### 4.14.1 THERAPEUTIC USE EXEMPTION (TUE)

A TUE is an exemption that allows an athlete to use, for therapeutic purposes only, an otherwise prohibited substance or method (of administering a substance). TUE approval may protect athletes from receiving a sanction if a prohibited substance is found in their sample.

Who needs to complete a TUE in-advance for Cycling?

Athletes who are:

- A member of the Registered Testing Pool or Domestic Testing Pool
- A member of a national open team/squad including athletes with a disability planning to compete at the Elite National Championships

If riders are currently taking any medication, please check whether this substance is banned in or out of competition via [www.globaldro.com/AU/search](http://www.globaldro.com/AU/search)

Further information on the TUE process can be found on the SIA website <https://www.sportintegrity.gov.au/resources/therapeutic-use-exemption> or by calling 13 000 272 32

### 4.14.2 SIA APP

Any athlete and official can download the SIA app. The SIA App has been designed with athletes in mind.

The App gives a complete list of all supplements sold in Australia that have been screened for prohibited substances by an independent laboratory. The testing and certification of sports supplements cannot provide athletes a 100% safety guarantee but does significantly lower the risk of a positive test. For non-tested supplements the App gives athletes access to a quiz to assess the risk posed by highlighting key risk factors.

The App can also be used to report doping, check if a medication is banned in sport, give SIA feedback on testing missions and to complete online education modules.



# Unlocking Australia's energy future

Squadron Energy is Australia's leading renewable energy company that develops, operates and owns renewable energy assets in Australia.

We are 100% Australian owned and have 1.1 gigawatts (GW) of renewable energy in operation and 900MW under construction.

We are committed to launching 14GW of projects by 2030 - powering the equivalent of six million homes.

Sapphire Wind Farm is located on Ngarabal Country, 18km west of Glen Innes, in the New England region of northern NSW. It is the largest operational wind farm in New South Wales and has helped the ACT Government meet its target of 100% renewables in 2020 by providing a long term power purchase agreement.

# SECTION 5

## COURSE DETAILS



### 5.1 KEY COURSE DETAILS

#### 5.1.1 GRAFTON TO INVERELL

	Men's NRS	Grafton to Inverell Open	Grafton to Inverell Pairs Relay
<b>Date:</b>	Saturday 27th April 2024	Saturday 27th April 2024	Saturday 27th April 2024
<b>Start Time:</b>	7.15am	7.25am	7.25am
<b>Distance:</b>	228km	228km	228km (Rider 1 119km Rider 2 109km)
<b>Start Location:</b>	Memorial Park, Prince Street (opposite Crown Hotel) in Grafton	Memorial Park, Prince Street (opposite Crown Hotel) in Grafton	Rider 1: Memorial Park, Prince Street (opposite Crown Hotel) in Grafton Rider 2: Mt Mitchell Feed Station
<b>Toilets:</b>	Toilet facilities are available in Memorial Gardens. Additional facilities will be available in the Grafton Civic Centre.	Toilet facilities are available in Memorial Gardens. Additional facilities will be available in the Grafton Civic Centre.	Toilet facilities are available in Memorial Gardens and Mt Mitchell Feed Station. Additional facilities will be available in the Grafton Civic Centre.
<b>NRS Sign On:</b>	6:15am – 7.00am		
<b>Convoy Assembly Time:</b>	7:00am	7:10am	7:10am
<b>Convoy Assembly Location:</b>	Outside the Crown Hotel, Grafton	Outside the Crown Hotel, Grafton	Outside the Crown Hotel, Grafton
<b>Neutral:</b>	5km. The race will commence under neutral conditions (30km/h) until the 100km speed sign on the Gwydir Highway out of Grafton.	5km. The race will commence under neutral conditions (30km/h) until the 100km speed sign on the Gwydir Highway out of Grafton.	5km. The race will commence under neutral conditions (30km/h) until the 100km speed sign on the Gwydir Highway out of Grafton.
<b>Intermediate Sprint #1:</b>	47km - Mann River Caravan Park	47km - Mann River Caravan Park	N/A
<b>Intermediate Sprint #2:</b>	66km - Coombadjha Road	66km - Coombadjha Road	N/A
<b>Intermediate Sprint #3:</b>	156km – Golf Links Road, Glen Innes	156km – Golf Links Road, Glen Innes	N/A
<b>KOM/QOM #1</b>	25km – Cattle Creek	25km – Cattle Creek	N/A
<b>KOM/QOM #2</b>	87km – Gibraltar Range Summit	87km – Gibraltar Range Summit	N/A
<b>KOM/QOM #3</b>	174km – Waterloo Range	174km – Waterloo Range	N/A
<b>KOM/QOM #4</b>	207km - Wire Gully Climb	207km - Wire Gully Climb	N/A
<b>Finish:</b>	Vivian Street in Inverell (50m past the Sacred Heart Catholic Church)	Vivian Street in Inverell (50m past the Sacred Heart Catholic Church)	Rider 1: Mt Mitchell Feed Station Rider 2: Vivian Street in Inverell (50m past the Sacred Heart Catholic Church)
<b>Finish ETA:</b>	12:55pm – 1:30pm	2:05pm – 2:30pm	2.15pm – 2.45pm
<b>Finish Time Limit:</b>	No result recorded after 5.10pm	No result recorded after 5.10pm	No result recorded after 5.10pm



# SECTION 5

## COURSE DETAILS



### 5.1 KEY COURSE DETAILS

#### 5.1.1 GRAFTON TO INVERELL

	Men's NRS	Grafton to Inverell Open	Grafton to Inverell Pairs Relay
<b>Convoy Deviation:</b>	Convoy to turn into Vivian Street 600m before the finish. Vehicles deviate into Ross Street prior to the finish line (marked by signage)	Convoy to turn into Vivian Street 600m before the finish. Vehicles deviate into Ross Street prior to the finish line (marked by signage)	Convoy to turn into Vivian Street 600m before the finish. Vehicles deviate into Ross Street prior to the finish line (marked by signage)
<b>Parking Route:</b>	Only Lead Vehicles, Commissaires, Medical and Sag wagons are permitted to proceed through Finish Line, all other convoy vehicles to DEVIATE at Ross Street	Only Lead Vehicles, Commissaires, Medical and Sag wagons are permitted to proceed through Finish Line, all other convoy vehicles to DEVIATE at Ross Street	Only Lead Vehicles, Commissaires, Medical and Sag wagons are permitted to proceed through Finish Line, all other convoy vehicles to DEVIATE at Ross Street
<b>Rider Support Parking:</b>	Handlers are requested to turn right into Mansfield St. Follow the <b>PINK</b> Directional arrows around to the parking area, which is within walking distance to the finish area.	Handlers are requested to turn right into Mansfield St. Follow the <b>PINK</b> Directional arrows around to the parking area, which is within walking distance to the finish area.	Handlers are requested to turn right into Mansfield St. Follow the <b>PINK</b> Directional arrows around to the parking area, which is within walking distance to the finish area.
<b>Toilets:</b>	Toilets are available in Victoria Park	Toilets are available in Victoria Park	Toilets are available in Victoria Park



# SECTION 5

## COURSE DETAILS



### 5.1 KEY COURSE DETAILS

#### 5.1.2 MT MITCHELL TO INVERELL

	Women's NRS Sapphire Tour Stage 1	Mt Mitchell to Inverell Open
<b>Date</b>	Saturday 27th April 2024	Saturday 27th April 2024
<b>Start Time</b>	8.15am	8.30am
<b>Distance</b>	109km	109km
<b>Start Location</b>	Mt Mitchell Feed Station	Mt Mitchell Feed Station
<b>Toilets</b>	Toilet facilities are available at the Mt Mitchell Feed Station.	Toilet facilities are available at the Mt Mitchell Feed Station.
<b>NRS Sign On</b>	7.15am to 8.00am	
<b>Convoy Assembly Time</b>	8.00am	8.15am
<b>Convoy Assembly Location</b>	Camp Road, Mt Mitchell	Camp Road, Mt Mitchell
<b>Neutral</b>	N/A	N/A
<b>Intermediate Sprint #1</b>	37km – Golf Links Road, Glen Innes	N/A
<b>KOM/QOM #1</b>	55km – Waterloo Range	N/A
<b>KOM/QOM #2</b>	88km – Wire Gully Climb	N/A
<b>Finish</b>	Vivian Street in Inverell (50m past the Sacred Heart Catholic Church)	Vivian Street in Inverell (50m past the Sacred Heart Catholic Church)
<b>Finish ETA</b>	11.15am – 11.30am	11.40am – 12.00pm
<b>Finish Time Limit</b>	No result recorded after 1.00pm.	No result recorded after 1.00pm
<b>Convoy Deviation</b>	Convoy to turn into Vivian Street 600m before the finish. Vehicles deviate into Ross Street prior to the finish line (marked by signage)	Convoy to turn into Vivian Street 600m before the finish. Vehicles deviate into Ross Street prior to the finish line (marked by signage)
<b>Parking Route</b>	Only Lead Vehicles, Commissaires, Medical and Sag Wagon are permitted to proceed through the Finish Line. All other convoy vehicles to DEVIATE at Ross Street	Only Lead Vehicles, Commissaires, Medical and Sag Wagon are permitted to proceed through the Finish Line. All other convoy vehicles to DEVIATE at Ross Street
<b>Rider Support Parking</b>	Supporters are requested to turn right into Mansfield St. Follow the <b>PINK</b> directional arrows around to the parking area, which is within walking distance to the finish area.	Supporters are requested to turn right into Mansfield St. Follow the <b>PINK</b> directional arrows around to the parking area, which is within walking distance to the finish area.

## SECTION 5 COURSE DETAILS



### 5.1 KEY COURSE DETAILS

#### 5.1.3 LAKE INVERELL OFF ROAD RECREATIONAL CIRCUIT

	Women's NRS Sapphire Tour Stage 2	Men's NRS	Lake Inverell Open Circuit Race
<b>Date</b>	Sunday 28th April 2024	Sunday 28th April 2024	Sunday 28th April 2024
<b>Start Time</b>	8.00am	10.15am	9.15am
<b>Distance</b>	42km (30 laps)	42km (30 laps)	34km (24 laps)
<b>Start Location</b>	Lake Inverell Off Road Recreational Circuit, Lake Inverell Drive, Inverell	Lake Inverell Off Road Recreational Circuit, Lake Inverell Drive, Inverell	Lake Inverell Off Road Recreational Circuit, Lake Inverell Drive, Inverell
<b>Toilets</b>	Toilet facilities are available at the Lake Inverell Off Road Recreational Circuit.	Toilet facilities are available at the Lake Inverell Off Road Recreational Circuit	Toilet facilities are available at the Lake Inverell Off Road Recreational Circuit.
<b>NRS Sign On</b>	7.15am to 7.45am	9.30am to 10.00am	
<b>Rider Assembly Time</b>	7.50am	10.05am	9.05am
<b>Rider Assembly Location</b>	Start Line	Start Line	Start Line
<b>Intermediate Sprint #1</b>	End of Lap 10	End of Lap 10	End of Lap 8
<b>Intermediate Sprint #2</b>	End of Lap 20	End of Lap 20	End of Lap 16
<b>Intermediate Sprint #3</b>	Race Finish	Race Finish	Race Finish
<b>Finish</b>	Finish Line on 1.4km circuit	Finish Line on 1.4km circuit	Finish Line on 1.4km circuit
<b>Finish ETA</b>	9.10am	11.15am	10.05am
<b>Parking</b>	Lake Inverell Off Road Recreational Circuit car park	Lake Inverell Off Road Recreational Circuit car park	Lake Inverell Off Road Recreational Circuit car park



# SECTION 5 COURSE DETAILS



## 5.2 MOCKA

### 5.2.1 GRAFTON TO INVERELL

ID	KM	To Go	Road	Direction	Route Description Detail	Comments	Est. Time NRS MENS	
1	0.00	228.00	Start	Prince St	START LINE		7:15	
2	0.09	227.92	Pass		Victoria St		7:15	
3	0.27	227.73	RIGHT	Fitzroy St	Fitzroy St		7:15	
4	0.40	227.60	Pass		Duke St		7:15	
5	0.70	227.30	Pass		Villiers St		7:16	
6	0.95	227.05	Pass		Clarence St		7:17	
7	2.10	225.90	Pass		Through St		7:19	
8	2.60	225.40	RIGHT		Gwydir Hwy	Bent St		7:20
9	2.80	225.20	Pass			Bligh St		7:20
10	3.30	224.70	Pass	Skinner St			7:21	
11	3.50	224.50	Pass	Cowan St			7:22	
12	3.80	224.20	Pass	Abbott St			7:22	
13	4.40	223.60	Pass	Minden St			7:23	
14	5.10	222.90	Pass	Hay St			7:25	
15	5.60	222.40	Pass	RACE START		100KM Signs	7:26	
16	6.50	221.50	Pass	McLennans Lane			7:27	
17	7.90	220.10	Pass	Friars Lane			7:29	
18	8.40	219.60	Pass	Selection Lane			7:30	
19	8.80	219.20	Pass	Rogan Bridge Road			7:30	
20	10.30	217.70	Pass	Old Glen Innes Road			7:33	
21	11.10	216.90	Pass	Tigers Road			7:34	
22	13.30	214.70	Pass	Daniels Road			7:37	
23	14.90	213.10	Pass	Tindal Road		ROAD CLOSURE WESTBOUND	7:40	
24	20.30	207.70	Pass	Meyers Road			7:47	
25	23.20	204.80	Pass	Ramornie Station Road			7:51	
26	25.50	202.50	Pass	KOM/QOM #1 CATTLE CREEK			7:56	
27	33.70	194.30	Pass	Purgatory Creek Road			7:07	
28	44.70	183.30	Pass	Talgai Creek Road			8:24	
29	46.20	182.15	Pass	Cangai Road			8:25	
30	46.80	181.20	Pass	Jackadgery Shop			8:27	
31	46.80	181.20	Pass	SPRINT #1 JACKADGERY SHOP		8:27		
32	46.90	181.10	Pass	Murphys Road		8:27		
33	50.30	177.70	Pass	Cangai Road		8:32		
34	64.20	163.80	Pass	Cangai Bridge Road		8:55		
35	65.80	162.00	Pass	SPRINT #2 Coombadjha Road		8:57		
36	65.90	162.10	Pass	Dandahra Road		8:57		

# SECTION 5 COURSE DETAILS



## 5.2 MOCKA

### 5.2.1 GRAFTON TO INVERELL

ID	KM	To Go	Road	Direction	Route Description Detail	Comments	Est. Time NRS MENS
37	72.50	155.50	Pass	Gwydir Hwy	GIBRALTAR RANGE START		9:09
38	72.80	155.20	Pass		DUMP ZONE #1		9:10
39	73.10	154.90	Pass		WATER ZONE #1 START		9:11
40	73.50	154.50	Pass		WATER ZONE #1 FINISH		9:12
41	81.80	146.20	Pass		Heffrons Lookout		9:33
42	87.20	140.80	Pass		KOM/QOM #2 GIBRALTAR RANGE SUMMIT		9:47
43	92.10	135.90	Pass		Mulligans Hut		9:52
44	99.50	128.50	Pass		Raspberry Lookout Road		10:03
45	118.70	109.30	Pass		DUMP ZONE #2		10:31
46	118.80	109.20	Pass		Camp Road	Glen Innes Correctional Centre	10:31
47	119.10	108.90	Pass		FEED ZONE #1 START		10:31
48	119.40	108.60	Pass		FEED ZONE #1 END		10:32
49	121.30	106.70	Pass		Monterey Road		10:34
50	125.40	102.60	Pass		Old Grafton Road		10:41
51	126.00	102.00	Pass		Glen Elgin Road		10:42
52	132.60	95.40	Pass		Yahna Road		10:52
53	134.00	94.00	Pass		Shannon Vale Road		10:54
54	135.00	93.00	Pass		Bald Nob Road	ROAD CLOSURE EASTBOUND	10:56
55	147.00	81.00	Pass		Crisps Road		11:12
56	152.70	75.30	Pass		Sunnyview Drive		11:20
57	153.10	74.90	Pass		Beardy Plains Road		11:21
58	154.70	73.30	Pass		Tavy Farm Circuit		11:23
59	156.20	71.80	Pass		SPRINT #3 Golf Links Road		11:25
60	158.00	70.35	RIGHT		Grafton St		11:28
61	159.20	69.15	Pass		Hunter St		11:30
62	160.00	68.35	Pass		New England HWY		11:31
63	160.25	68.10	Pass		Grey St		11:31
64	160.55	67.80	Pass		West Avenue		11:32
65	160.80	67.55	Pass		Macquarie St		11:32
66	161.00	67.35	Pass		Lambeth St		11:32

# SECTION 5 COURSE DETAILS



## 5.2 MOCKA

### 5.2.1 GRAFTON TO INVERELL

ID	KM	To Go	Road	Direction	Route Description Detail	Comments	Est. Time NRS MENS	
67	161.40	66.95	LEFT	Dodds Lane	Coronation Avenue		11:33	
68	161.50	66.85	Pass		LITTER ZONE #3		11:33	
69	161.60	68.75	Pass		FFEED ZONE #2 START		11:33	
70	161.65	66.70	Pass		Wullamulla St		11:33	
71	161.75	66.60	Pass		FEED ZONE #2 END		11:34	
72	161.95	66.40	Pass		Herbert st		11:34	
73	162.20	66.15	Pass		Taylor St		11:34	
74	162.40	65.95	RIGHT		Fergusson St		11:35	
75	162.65	65.70	Pass		Derby St		11:35	
76	162.90	65.45	Pass		Dumaresq St		11:35	
77	163.20	65.15	Pass		100KM Signs		11:36	
78	164.35	64.00	Pass		Tuttles Lane		11:37	
79	165.30	63.05	Pass		Abbotts Road		11:39	
80	166.10	62.25	Pass		West Furracabad Road		11:41	
81	169.50	58.85	Pass		Westfield Road		11:46	
82	169.60	58.75	Pass		Beaufort Road		11:46	
83	174.00	54.35	Pass			KOM #3 WATERLOO RANGE SUMMIT		11:54
84	177.00	51.35	Pass			Pitlochry Road		11:58
85	179.80	48.20	Pass			Waterloo Road		12:01
86	180.50	47.50	Pass			Ilparran Road		12:02
87	181.40	46.60	Pass		Marcantellis Road		12:04	
88	191.40	36.60	Pass		Spring Mountain Road		12:16	
89	195.10	32.90	Pass		Inverness Road		12:22	
90	207.50	20.50	Pass		KOM #4 WIRE GULLY SUMMIT		12:40	
91	209.20	18.80	LEFT		Dodds Lane		12:42	
92	211.00	17.00	RIGHT	Eismore Road	Elsmore-Paradise Road		12:44	
93	212.00	16.00	Pass		Daw Lane		12:46	
94	212.30	15.70	Pass		Loves Lane		12:46	
95	212.90	15.10	Pass		Stannifer Road		12:47	
96	220.70	7.30	Pass		Kennedys Lane		12:59	
97	222.00	6.00	Pass		Roseneath Lane		13:01	
98	223.40	4.60	LEFT		Gwydir Hwy	Gwydir Hwy		13:05
99	223.50	4.50	Pass	Orchard Place			13:05	
100	223.70	4.30	Pass	Fisher Place			13:05	
101	224.70	3.30	Pass	Short St			13:06	
102	225.40	2.60	Pass	Onus Ave			13:07	

# SECTION 5 COURSE DETAILS



## 5.2 MOCKA

### 5.2.1 GRAFTON TO INVERELL

ID	KM	To Go	Road	Direction	Route Description Detail	Comments	Est. Time NRS MENS
103	225.40	2.60	Pass	Gwydir Hwy	Lake Inverell Drive		13:07
104	225.90	2.10	Pass		Brewery St		13:08
105	226.30	1.70	Pass		Moore St		13:08
106	226.40	1.60	Pass		Mulligan St		13:09
107	226.50	1.50	Pass		Victoria St		13:09
108	226.60	1.40	Pass		Clive St		13:09
109	226.80	1.20	Pass		Mansfield St		13:09
110	227.05	0.95	Pass		Bennett St		13:09
111	227.25	0.75	Pass		Greaves St		13:10
112	227.40	0.60	Pass		Tingha Road		13:10
113	227.40	0.60	Pass		Chester St		13:10
114	227.50	0.50	RIGHT	Vivian St	Vivian St		13:10
115	227.55	0.45	Pass		Granville St		13:10
116	227.70	0.30	Pass		Henderson St		13:10
117	227.80	0.20	Pass		Ross St		13:10
118	227.90	0.10	Pass		Rivers St		13:10
119	228.00	0.00	Finish		FINISH LINE		13:11

# SECTION 5 COURSE DETAILS



## 5.2 MOCKA

### 5.2.2 MT MITCHELL TO INVERELL

ID	KM	To Go	Road	Direction	Route Description Detail	Comments	Est. Time NRS WOMENS
1	0.00	109.20	Start	Dodds Lane	Camp Road - START LINE		8:15
2	2.10	106.70	Pass		Monterey Road		8:19
3	6.20	102.60	Pass		Old Grafton Road		8:26
4	6.80	102.00	Pass		Glen Elgin Road		8:27
5	13.40	95.40	Pass		Yahna Road		8:41
6	14.80	94.00	Pass		Shannon Vale Road		8:43
7	15.80	93.00	Pass		Bald Nob Road	ROAD CLOSURE EASTBOUND	8:45
8	27.80	81.00	Pass		Crisps Road		9:05
9	33.50	75.30	Pass		Sunnyview Drive		9:15
10	33.90	74.90	Pass		Beardy Plains Road		9:16
11	35.50	73.30	Pass		Tavy Farm Circuit		9:17
12	37.00	71.80	Pass		SPRINT #1 Golf Links Road		9:20
13	38.80	70.35	RIGHT		Grafton St		9:23
14	40.00	69.15	Pass		Hunter St		9:25
15	40.80	68.35	Pass		New England HWY		9:26
16	41.05	68.10	Pass		Grey St		9:26
17	41.35	67.80	Pass		West Avenue		9:27
18	41.60	67.55	Pass		Macquarie St		9:27
19	41.80	67.35	Pass		Lambeth St		9:27
20	42.20	66.95	LEFT		Coronation Avenue		9:28
21	42.30	66.85	Pass		LITTER ZONE #3		9:28
22	42.40	68.75	Pass		FFEEED ZONE #2 START		9:28
23	42.45	66.70	Pass		Wullamulla St		9:28
24	42.55	66.60	Pass		FEED ZONE #2 END		9:28
25	42.75	66.40	Pass		Herbert st		9:29
26	43.00	66.15	Pass		Taylor St		9:29
27	43.20	65.95	RIGHT		Fergusson St		9:30
28	43.45	65.70	Pass		Derby St		9:31
29	43.70	65.45	Pass		Dumaresq St		9:31
30	44.00	65.15	Pass		100KM Signs		9:32
31	45.15	64.00	Pass		Tuttles Lane		9:34
32	46.10	63.05	Pass		Abbotts Road		9:36
33	46.90	62.25	Pass		West Furracabad Road		9:38
34	50.30	58.85	Pass		Westfield Road		9:45
35	50.40	58.75	Pass		Beaufort Road		9:45

# SECTION 5 COURSE DETAILS



## 5.2 MOCKA

## 5.2.2 MT MITCHELL TO INVERELL

ID	KM	To Go	Road	Direction	Route Description Detail	Comments	Est. Time NRS WOMENS
36	54.80	54.35	Pass	Dodds Lane	QOM #1 WATERLOO RANGE SUMMIT		9:55
37	57.80	51.35	Pass		Pitlochry Road		10:00
38	60.30	48.20	Pass		Waterloo Road		10:06
39	61.00	47.50	Pass		Ilparran Road		10:07
40	61.90	46.60	Pass		Marcantellis Road		10:08
41	71.90	36.60	Pass		Spring Mountain Road		10:25
42	75.60	32.90	Pass		Inverness Road		10:32
43	88.00	20.50	Pass			QOM #2 WIRE GULLY SUMMIT	
44	89.70	18.80	LEFT		Dodds Lane		10:57
45	91.50	17.00	RIGHT	Eismore Road	Elsmore-Paradise Road		10:59
46	92.50	16.00	Pass		Daw Lane		11:00
47	92.80	15.70	Pass		Loves Lane		11:01
48	93.40	15.10	Pass		Stannifer Road		11:02
49	101.20	7.30	Pass		Kennedys Lane		11:16
50	102.70	6.00	Pass		Roseneath Lane		11:18
51	104.30	4.60	LEFT	Gwydir Hwy	Gwydir Hwy		11:20
52	104.50	4.50	Pass		Orchard Place		11:21
53	104.60	4.30	Pass		Fisher Place		11:21
54	105.80	3.30	Pass		Short St		11:22
55	106.50	2.60	Pass		Onus Ave		11:24
56	106.50	2.60	Pass		Lake Inverell Drive		11:24
57	106.95	2.10	Pass		Brewery St		11:25
58	107.40	1.70	Pass		Moore St		11:25
59	107.50	1.60	Pass		Mulligan St		11:25
60	107.60	1.50	Pass		Victoria St		11:25
61	107.70	1.40	Pass		Clive St		11:25
62	107.90	1.20	Pass		Mansfield St		11:26
63	108.15	0.95	Pass		Bennett St		11:26
64	108.35	0.75	Pass		Greaves St		11:26
65	108.45	0.60	Pass		Tingha Road		11:27
66	108.50	0.60	Pass		Chester St		11:27
67	108.60	0.50	RIGHT	Vivian St	Vivian St		11:27
68	108.70	0.45	Pass		Granville St		11:27
69	108.80	0.30	Pass		Henderson St		11:27
70	108.90	0.20	Pass		Ross St		11:27
71	109.05	0.10	Pass		Rivers St		11:27
72	109.15	0.00	Finish			FINISH LINE	



# SECTION 5 COURSE DETAILS



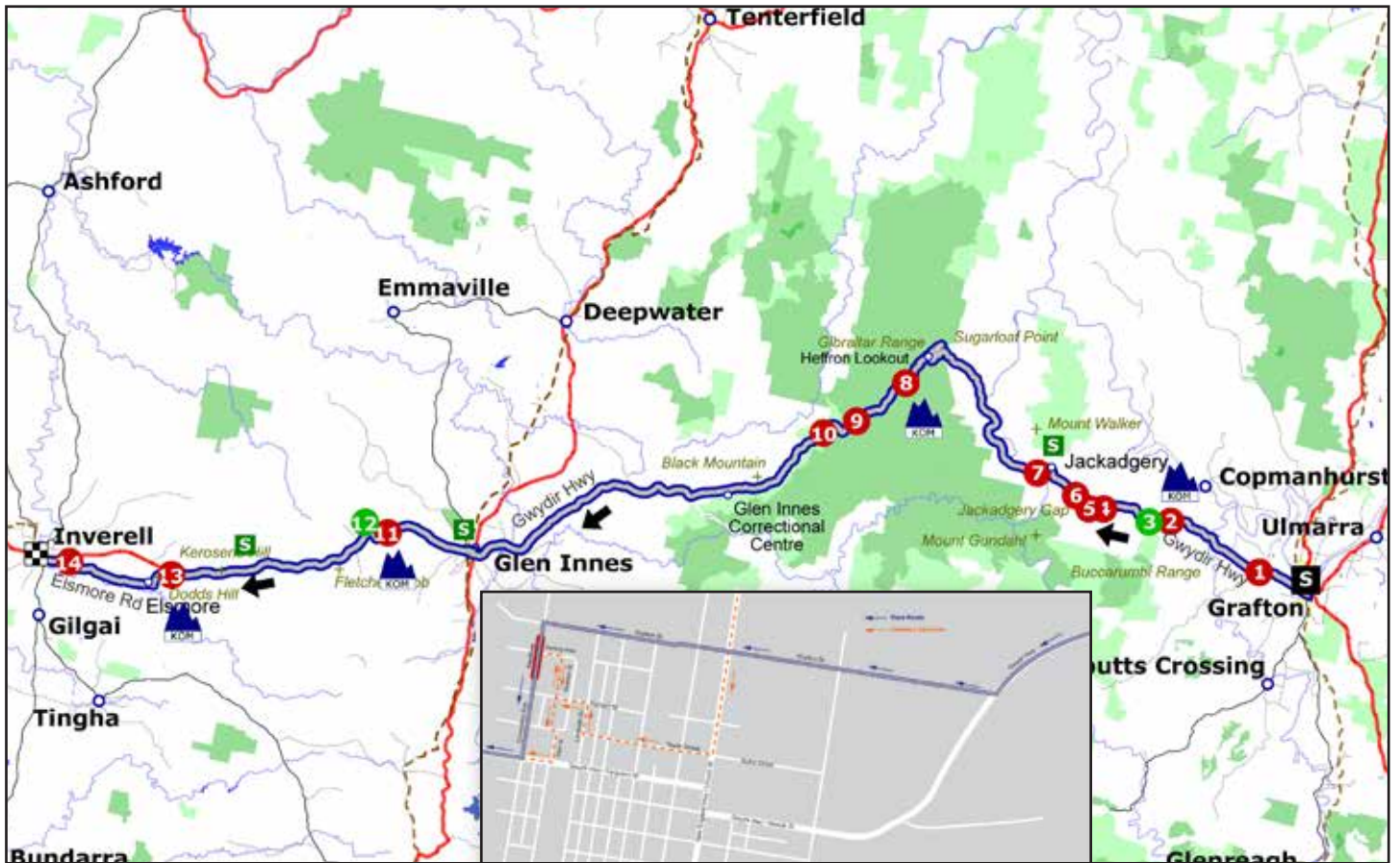
## 5.3 COURSE MAP AND PROFILE



### 5.3.1 GRAFTON TO INVERELL

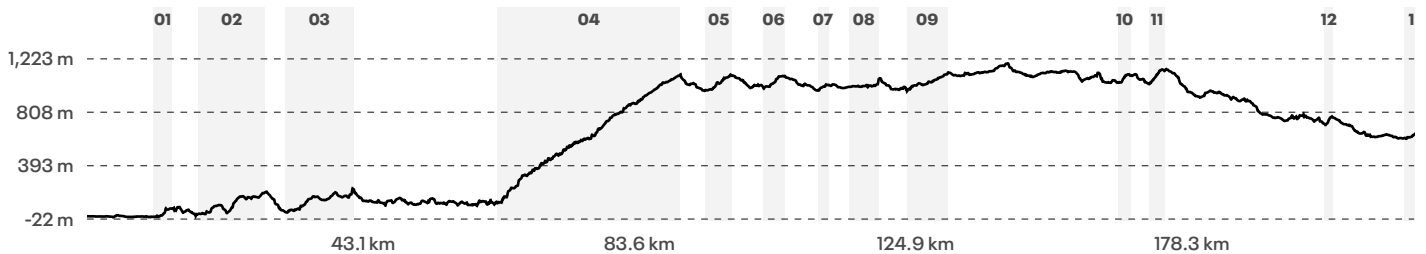
Course map and profile can be found [here](#).

(<https://www.mapmyride.com/routes/view/4302032305>)



Elevation

Start 10 m    Max 1,198 m    Gain 3,390 m



### 5.3.2 WOMEN'S NRS

Course map and profile can be found [here](#).

(<https://www.mapmyride.com/routes/view/5730251272>)

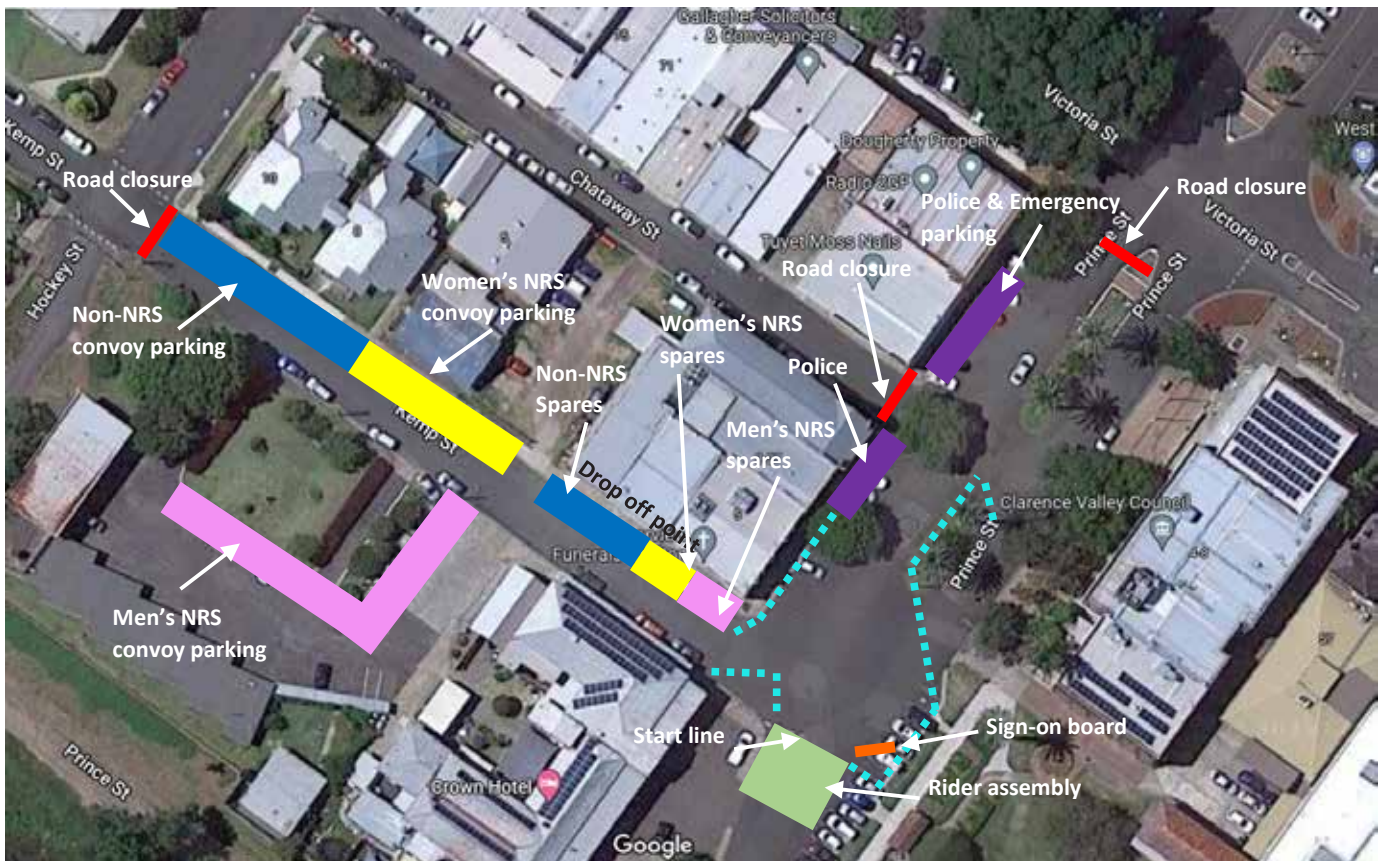
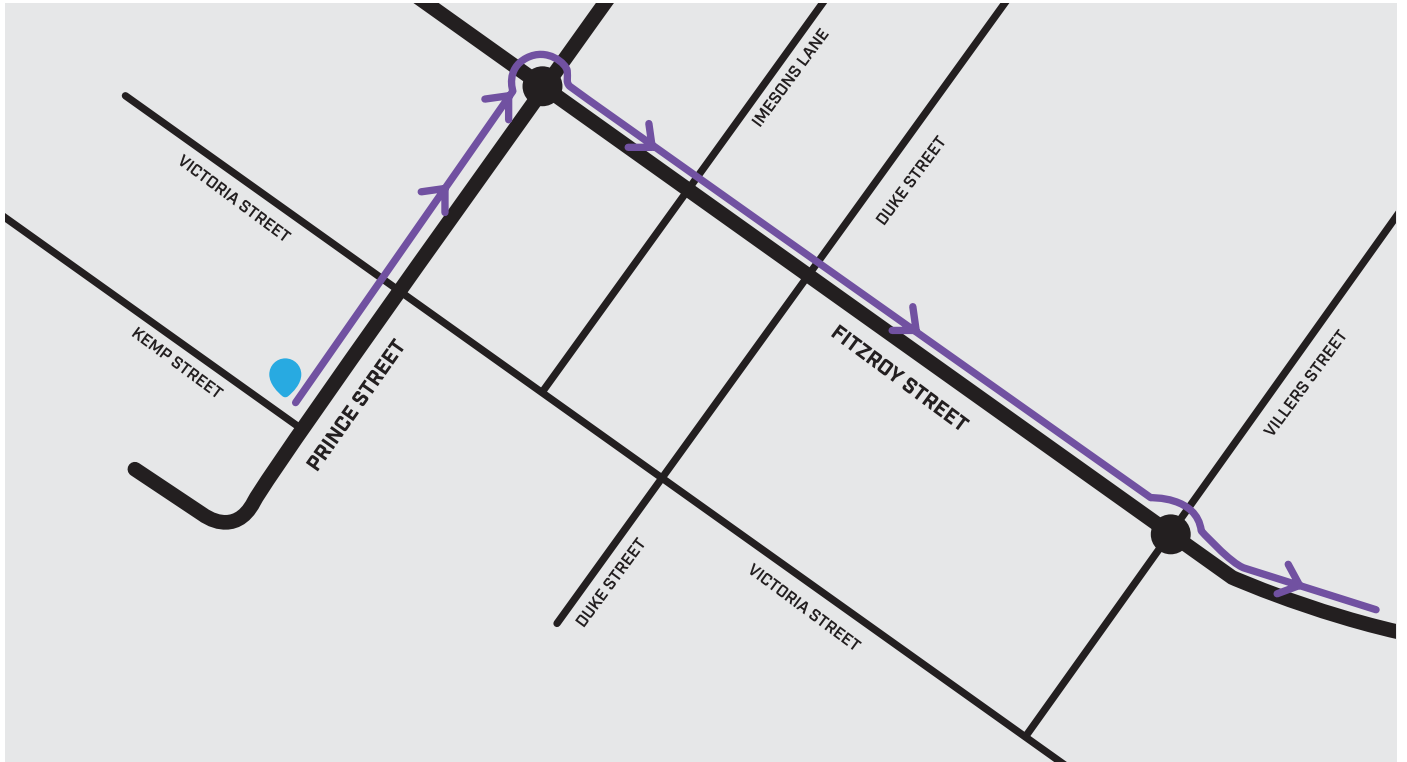
# SECTION 5 COURSE DETAILS



## 5.4 GRAFTON TO INVERELL START AND FINISH LOCATIONS

### 5.4.1 START

**Start Point:** Prince Street, Grafton [adjacent to Memorial Gardens]





# SECTION 5 COURSE DETAILS



## 5.4.2 FINISH

**Finish Point:** Vivian Street, Inverell (50m past the Sacred Heart Catholic Church)

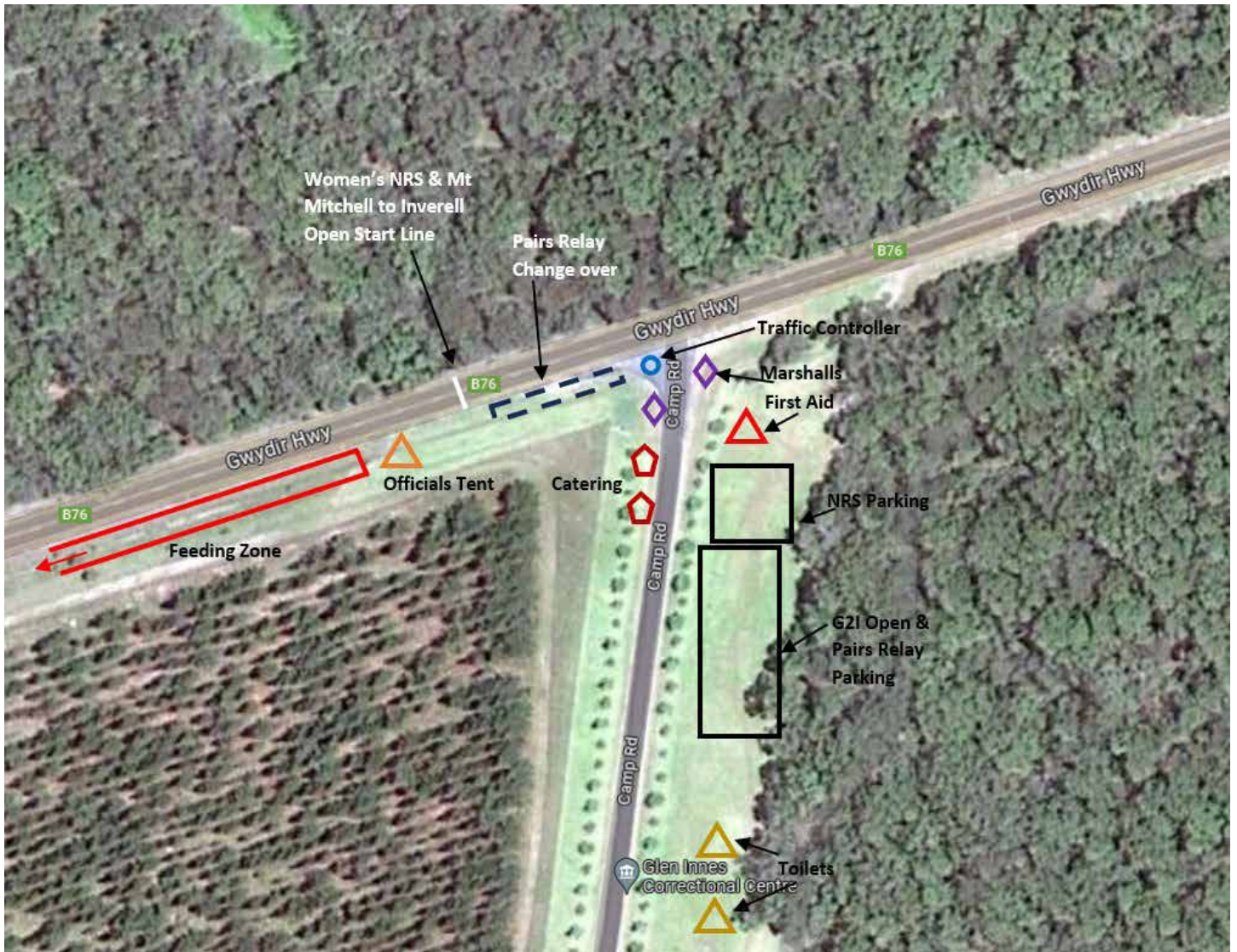






## 5.5 MT MITCHELL START LOCATION

**Start Point:** Camp Road, Mt Mitchell



## SECTION 6 CONVOY CODE OF CONDUCT



All drivers in the convoy must adhere to the Convoy Code of Conduct. Refer to Appendix A.

Convoy for the race will assemble outside Crown Hotel 15 minutes prior to the start (7.00am) in the following order:

1. Police vehicle
2. Lead vehicle
3. Race Director
4. Commissaire 2
5. Cyclists
6. Chief Commissaire
7. First aid
8. Live radio broadcast vehicle
9. Info/Media bikes
10. Team vehicles
11. Spares Vehicles
12. Commissaire 3/4
13. Police vehicle





# APPENDIX A

## CONVOY CODE OF CONDUCT



The Convoy Code of Conduct applies to all vehicles involved in Race Convoy operations whether involved with the conduct of the race itself or while performing a role that interfaces with the convoy operations and/or occurs within the race envelope:

- Team Cars
- Judges, Commissaires Cars and Motorbikes
- Media and Broadcast Cars
- Photographer and Broadcast Motorbikes
- Medical Cars
- Race Director Vehicle
- Technical Director Vehicle
- Neutral Support Cars and Motorbikes
- Police Cars and Motorbikes
- Moto Marshals
- Lead Car and Sag Wagon
- Compulsory Convoy Behaviours

*Note: the term 'vehicle' refers to both cars and motorbikes.*

*Note: the term 'driver' applies to both car drivers and motorbike pilots*

1. All drivers must attend the Convoy Operations Meeting to undergo a race specific convoy operation briefing. The meeting will be held at 6.00pm on Friday 26 April at the Crown Hotel, Prince Street, Grafton. If this meeting clashes with other activities, it is the responsibility of the driver to liaise with the Chief Commissaire to receive these instructions separately.
2. Failure to attend the Convoy Operations Meeting or actively seek out these instructions may result in not being able to start the race.
3. Misconduct in the convoy will result in a 'yellow card' warning being issued. Misconduct that breaches AC regulations will be disciplined by the Chief Commissaire. Misconduct that breaches overall race safety and integrity will be disciplined by the Race Director and/or the Police as appropriate.
4. At the head of the Convoy will be a lead Police vehicle. Vehicles ahead of this vehicle are considered out of the Convoy.
5. At the tail of the Convoy will be another Police vehicle. Vehicles behind this vehicle are considered out of the Convoy.
6. Drivers (particularly cars) must gain permission to pass any large group of riders from the commissaire behind that group.
7. When passing through the convoy, vehicles must only travel marginally faster than the riders, and use short sharp toots of the horn to indicate passing. Drivers must check mirrors before deviating left or right.
8. Wherever possible vehicles should pass the riders on the right-hand side of the riders as per normal Australian road rules. Drivers must check mirrors before deviating left or right.
9. When travelling within the race envelope, you must not travel more than 20km/hr above the speed of the race. Unnecessary speeding will incur a harsh penalty.
10. When travelling outside the race envelope drivers must obey all normal road rules and posted speed limits. The rear Police vehicle will endeavour to wait for any vehicle stopped (to service a rider, roadside repairs, call of nature) however, extended delays create the risk of leakage from other road users into the envelope, which in turn puts the entire convoy at risk. Extended delays cannot and will not be accommodated. Failure to obey road rules once outside the race envelope may result in infringement notices (fines) being issued by the Police.





11. Vehicles must not overtake riders within the final 1km approach to a sprint, KOM or stage finish line.
12. All convoy cars must deviate at the designated deviation point at the finish line under the direction of the Technical Director. Exceptions to this rule are the Commissaires, Broadcast Motorbikes and Sag Wagon.
13. Convoy vehicles must be less than 1.70 metres high
14. Convoy vehicles must adhere to the Convoy Assembly Times & Locations as listed in the Technical Guide.

*Note: Rule 3.98.43 will be monitored and enforced*

1. Towing - maximum \$400 and disqualification.
2. Motor Pacing

1st offence - maximum \$100 to rider and driver plus a 1-minute time penalty to the rider.

2nd offence - maximum \$200 to rider and driver plus a 5-minute penalty to rider.

3rd offence - maximum \$400 to rider and driver plus automatic disqualification to rider.

<p><b>MEN'S NRS MAJOR SPONSOR</b> Squadron Energy</p> 	<p><b>MEN'S NRS KOM</b> Boss Built</p> 	<p><b>MEN'S NRS SPRINT</b> Kennards Hire</p> 
<p><b>WOMEN'S NRS MAJOR SPONSOR</b> Squadron Energy</p> 	<p><b>WOMEN'S NRS KOM</b> Boss Built</p> 	<p><b>WOMEN'S NRS SPRINT</b> Kennards Hire</p> 
<p><b>MEN'S GRAFTON TO INVERELL OPEN MAJOR SPONSOR</b> Steeline Fencing North West</p> 	<p><b>WOMEN'S GRAFTON TO INVERELL OPEN MAJOR SPONSOR</b> Print Anything</p> 	<p><b>MT MITCHELL TO INVERELL OPEN MAJOR SPONSOR</b> Inverell RSM</p> 
<p><b>GRAFTON TO INVERELL OPEN KOM SPONSOR</b> Boss Built</p> 	<p><b>GRAFTON TO INVERELL OPEN SPRINT SPONSOR</b> Kennards Hire</p> 	
<p><b>MOST ATTACKING RIDER</b> Jorgensen Building</p> 	<p><b>EVENT PARTNERS</b> Inverell Shire Council, Clarence Valley Council/Tourism &amp; Sapphire Wind Farm</p>    <p><b>Sapphire Wind Farm</b></p>	

**SUPPORTERS**







