

TECHNICAL MANUAL

14TH APRIL



NATIONAL SERIES ROAD



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2019 EAST CLEVELAND KLONDIKE GRAND PRIX

A VELO29 CYCLING EVENTS ELITE PROMOTION

Part of the HSBC UK | National Series.



Thank you for your entry for the 2019 Klondike GP, the 3rd edition of the men's event and inaugural edition of the women's event.

The event is brought to you by the established Velo29 Events Team in cooperation with Big Local, a Lottery funded organisation who exits to regenerate the area of East Cleveland.

We acknowledge Big Local's contribution in funding and working in cooperation with Velo29 Events to deliver these Elite events.

We look forward to welcoming you to East Cleveland and wish you a successful and enjoyable visit.

Event Director: Richard Williamson

richard.williamson@velo29.com 07846341896 200a Guisborough Road, Nunthorpe. TS7 0JG (N.B. e-mail most effective method)

Race Director: Geoff Lloyd

grlloyd@msn.com 07870234582

48 Frenchgate, Richmond. N. Yorks. DL10 7AG





Event Security

This event is held in a heavily populated area and as such we recommend that security be considered at all times.

Driving Standards

We have been advised by Cleveland and Durham Police that, while they accept positive, assertive driving within the convoy, bad driving is not acceptable and any incidence will be dealt with in real time, not post event.

The traffic management for the event will utilise a rolling road closure and, under the Section16a TTRO, the speed limit will be raised to 60mph for the duration of the closure. As with all speed limits, this is the maximum speed when it is safe to do so. Being within the speed limit does not infer safe driving is being practised.

Event Officials	Women	Men
Chief Commissaire:	Peter Deary	Kevan Sturgeon
Commissaire 2:	Tom Forbes	Scott Taylor
Commissaire 3:	tbc	Paul Mullan
Moto Commissaire:	Kevin Brown	Iain Walker

Both Events

Broom Commissaire:	Ben Dobson
Dicoili colliniacano.	

Blackboard Pilot & Scribe: Mal Dixon Marc Etches
Radio Tour Moto & Comm: Russ Saunders Trevor Reade

Chief Judge: Carole Leigh

Judge 2 & 3: Colin Stanson Alasdair Lloyd

Lap Board & Feed Zone: Phil Metcalfe tbc

Forward Announcer & M/C: Carl Lawrenson Mike Smith

Neutral Service (Brother): Tony Barry
Timing/Photo Finish (HSS): Paul Smith

HQ Manager & Team:Kay LloydSandra EvansEvent & Race Directors:Richard WilliamsonGeoff Lloyd

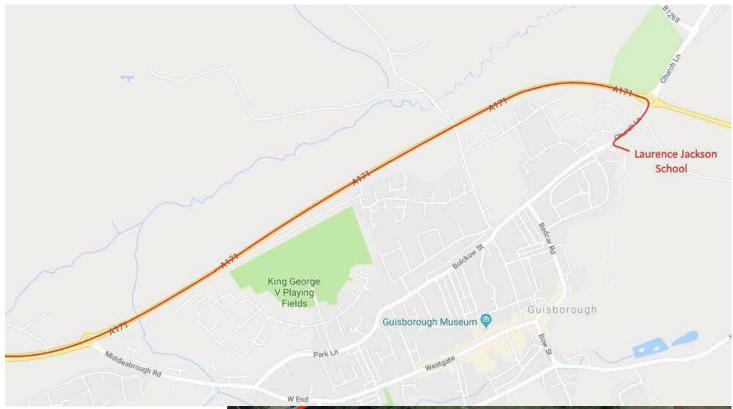
Run Under the Technical Regulations of the British Cycling Federation.



NATIONAL SERIES ROAD

Headquarters:

Laurence Jackson School, Church Lane, Guisborough TS14 6RD.



Access – The High Street in Guisborough will be closed, please follow the above, Sat Nav may take you to the closure. The HQ will be signposted.

Parking – Parking is adequate but not extensive. Please be considerate and use the smallest footprint possible.



Event Schedule

Women	
06:45	HQ Opens
07:00	Sign on opens
08:00	Sign on closes
08:05	Driver briefing/Team Manager meeting
08:40	Rider assembly for transfer to start
08:55	Rider presentation on the start line
09:00	Elite race start
12:00	Elite race finish and presentation
Men	
10:30	Sign on opens
12:00	Sign on closes
12:30	Driver Briefing/Team Manager meeting
13:10	Rider assembly for transfer to start
13:25	Rider presentation on the start line
13:30	Elite race start
17:30	Elite race finish and presentation

Sign On & Briefings

These will be in the sports hall on the ground floor for officials, drivers and team managers and on the start line for riders if required.

Changing

Facilities are located in the sports building and will be signposted.

Race Numbers

Riders will be issued with a pair of body numbers (incl pins) to be attached either side on the rear of the jersey and a frame number (incl zip ties) to be attached to the cycle in the area behind the seatpost or above the rear brake. Race numbers should not be folded, cut or otherwise disfigured and are non returnable.

Timing

Riders will be issued with transponders (incl zip ties) from HS Sports at sign on. These are to be attached to the base of the front forks on the opposite side from the QR lever.

Chips MUST be returned to sign on at the end of the race before riders leave. Licences will only be returned in exchange for a chip, any not returned will be invoiced to the respective rider/team at £75.

Team Cars

Teams with three or more riders signed on are permitted a team car in the convoy. The car must be suitable for purpose, equipped with a radio and have a driver and separate mechanic.

Cars must not be greater than 1.66m high. Drivers must be endorsed as Team Managers by BC and licences must be presented at sign on for checking. The convoy order will be drawn by the Chief Commissaire at the team manager briefing.

Communications

The licensed BCF UHF based system will be used. Teams must provide their own sets, officials' sets will be provided. Please assist the sign on staff by returning all equipment promptly at the end of the event. A Radio Tour facility will be in operation for teams (listen only) on a channel to be notified in the briefing. The terrain can be challenging to communications, especially if the race splits, please be mindful of the potential issue.

Convoy Assembly

The race convoy will assemble in the HQ car park and access roads as below. Please leave room for traffic to manoeuvre. Drivers should ensure their vehicles fully signed, radio equipped (checked). The assembled convoy of vehicles and riders will be escorted to the start.

N.B. Riders MUST NOT go independently to the start.

Introductions

On arrival at the start, riders should position themselves, preferably in teams, in the assembly area short of the line, to permit introductions to the spectators prior to taking up their position on the start line. Riders to be presented will be forewarned.

Public Conveniences

As well as at the HQ, there are facilities adjacent to the start in Sunnyfield House which will be signposted. Observed failure to use appropriate facilities may result in disciplinary action.

Convoy Operation

Will be at all times under Commissaire control and vehicles should not reposition without their approval.

Servicing

Servicing and feeding shall be strictly under Commissaire control. Two Neutral Service vehicles and a broom wagon will be present.

Servicing is only to carried out when stationary on the left hand side of the road.

Comfort Breaks

Officials' vehicles dropping out of position in the convoy should be notified to the appropriate Commissaire and, where their position is essential to the safe conduct of the race, no such stop shall be made until a substitute vehicle is in position.

Riders Convoy Police Command Car Chief Commissaire x15 Police Motos **Neutral Service 1** x15 NEG Motos Medic 1 **Team Cars Announcer** Moto Commissaire 4 Commissaire 3 Blackboard Medic 2 Lead 2 Broom Vehicle/commissaire 5 **Neutral Service 2** Police Rear Vehicle Lead 1 Commissaire 2

Road Use

The race is covered by a rolling road closure under Section 16a of the Road Traffic Regulation Act 1984. This enable stoppage of traffic in the vicinity of the race by police with ongoing hold as necessary by mobile and static marshals. The convoy will be escorted from the HQ to the start on roads closed to public traffic but care must exercised.

Riders and drivers must remain vigilant at all times to any third parties failing to observe the controls and be aware that the existence of the road closure does not confer use of the full road width by default.

Traffic Management & Marshalling

Moto marshalling will be provided by a team of 15 Police riders supported by 15 NEG riders. A team of static marshals, essential to the safe conduct of the race, has been recruited and trained. A number of important junctions have been identified which are manned by marshals empowered to stop traffic. All marshals must have hi-visibility tops, red flag, whistle and agreed means of communication.

Marshals should be polite and courteous at all times with other road users, should conflict occur, this should be handled by the Police contingent.

Neutralised Zone

The race will be neutralised for 4km from the start line to the right trun onto Sandy Lane after passing through Dunsdale. The convoy will be under Red/White chequered flag control by Comm 2. See figure under course maps.

First Aid

Medical cover will be provided by two vehicles, a paramedic level team in a rapid response positioned by default behind the Chief Commissaire and a paramedic level team in an ambulance at the rear of the convoy. The team all have direct communications to the emergency services. In emergency, the NEG can provide assistance.

Nearest Hospital (A&E)
James Cook University Hospital, Marton Rd, Middlesbrough TS4 3BW
Tel: 01642 850850

Feeding

In a change to UCI Regs, feeding from cars is now allowed from 30km (Liverton - first pass) and up to the 20km (Brotton roundabout - final pass) to go.

There is one marked static feed point on the exit from Saltburn which can be used on the 1st passage only for the women and all but the final, 4th passage for the men. Subject to Commissaire confirmation.

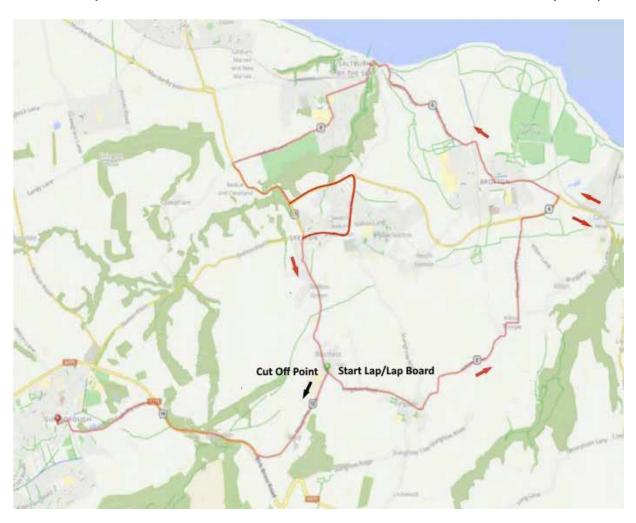
Feeding is only from the left hand side of the road, parking is available in the Leisure Centre Car Park opposite the feed area. All litter must be removed.

No feeding from the road side or parking at any other location.



Cut Off

To maintain effective traffic management, there will be dynamic control of riders falling back and any being too far in arrears (~10min) will be notified and passed by the broom/Commissaire and final Police vehicle. Any such riders falling outside of the escorted "bubble" must abide by the normal rules of the highway. Any such riders and those more than 10min down at the start of each lap will be withdrawn and directed back to the HQ (5km).



Deviation

A signed deviation will be in operation on the approach to the finish. Drivers of all vehicles except identified officials will be directed off the race route by a member of the NEG, going straight on at the point of entering the barriered area in Guisborough (~600m to go), see final 1km figure. The route back to the HQ will be signed.

Anti Doping Control

If present, anti doping control will be located in the HQ. The numbers of riders required will be displayed on the podium truck.

Results

This year, all the results will be uploaded online by the Chief Judge as soon as approved at the following addresses.

Men's Road Race: http://tiny.cc/2019MRR Women's Road Race: http://tiny.cc/2019WRR

Awards

The top 3 overall plus the winners of the Mountain and Local Rider competitions for each race should present themselves in team clothing to the podium in a timely manner for the presentations and should present an image appropriate to the contribution of the sponsors and status of the National Road Series.

Awards not presented on the podium will be forwarded to the team manager of appointed representative post event. We will contact you for details for bank transfer.



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Overall

1 st	£400 plus the Klondike	Trophy	
2 nd	£300	12 th	£60
3 rd	£200	13 th	£55
4 th	£100	14 th	£50
5 th	£95	15 th	£45
6 th	£90	16 th	£40
7 th	£85	17 th	£35
8 th	£80	18 th	£35
9 th	£75	19 th	£35
10 th	£70	20 th	£35
11 th	£65		

GRN Presca Teamwear King/Queen of the Mountains

This will be contested throughout both races on laps 1&2 for the women and 1,2&3 for the men with points awarded to the first 4 riders on each lap. The prime line is located at the top of Saltburn Bank. See figure under feeding.

Points	Prizes
1 st : 5	1st £200 & Trophy
2 nd : 3	2 nd £100
3 rd : 2	3 rd £50
4 th : 1	

In the event of tie, the winner will be decided on the basis of number of 1st, then 2nd, then 3rd places, then final position in Guisborough as necessary.

Local Rider

Eligible riders are those resident in the DL and TS postcode area.

1st £100 & Trophy

N.B. There is no u23 competition this season at either the event or series level.



Start List - Women

1	Anna	Christian	Drops
2	Emma	Cockcroft	Bianchi Dama
3	Charlotte	Colclough	Bianchi Dama
4	Sarah	King	Bianchi Dama
5	Holly	MacMahon	Bianchi Dama
6	Georgina	Panchaud	Bianchi Dama
7	Jennifer	Powell	Bianchi Dama
8	Natasha	Reddy	Bianchi Dama
9	Bethany	Taylor	Bianchi Dama
10	Abigail	Dentus	Brother UK - Tifosi p/b OnForm
11	Leah	Dixon	Brother UK - Tifosi p/b OnForm
12	Rebecca	Durrell	Brother UK - Tifosi p/b OnForm
13	Anna	Henderson	Brother UK - Tifosi p/b OnForm
14	Charmaine	Porter	Brother UK - Tifosi p/b OnForm
15	Gabriella	Shaw	Brother UK - Tifosi p/b OnForm
16	Annabel	Simpson	Brother UK - Tifosi p/b OnForm
17	Emily	Wadsworth	Brother UK - Tifosi p/b OnForm
18	Jennifer	Hudson	Brother.uk Fusion RT
19	Emma	Lewis	Brother.uk Fusion RT
20	Joscelin	Lowden	Brother.uk Fusion RT
21	Fiona	Russell	Brother.uk Fusion RT
22	Rebecca	Richardson	Brother.uk Fusion RT
23	Claire	Steels	Brother.uk Fusion RT
24	Ruth	Shier	Brother.uk Fusion RT
25	Elizabeth	Bennett	Campinense - Velo Performance
26	Charlotte	Berry	Campinense - Velo Performance
27	Florence	Cox	Campinense - Velo Performance
28	Jennifer	Holden	Campinense - Velo Performance
29	Fiona	Hunter Johnston	Campinense - Velo Performance
30	Soraia	Silva	Campinense - Velo Performance
31	Jo	Tindley	Campinense - Velo Performance
32	Georgia	Hilleard	Cycle Team OnForm
33	Holly	Hoy	Cycle Team OnForm
34	Corinne	Side	Cycle Team OnForm
35	Monica	Dew	Storey Racing
36	Chanel	Mason	Storey Racing
37	Dame	Sarah	Storey Storey Racing
38	Jennifer	Batey	Team Boompods
39	Hannah	Farran	Team Boompods
40	Lauren	Humphreys	Team Boompods
41	Hannah	Larbalestier	Team Boompods
42	Ellen	McDermott	Team Boompods
43	Charlotte	Redden	Team Boompods
44	Sarah	Walker	Team Boompods
45	Rosie	Walsh	Team Boompods
46	Olivia	Bent	Team Jadan Weldtite-Vive le Velo
47	Sophie	Enever	Team Jadan Weldtite-Vive le Velo
48	Amy	King	Team Jadan Weldtite-Vive le Velo
49	Marie	Lynn	Team Jadan Weldtite-Vive le Velo
50	Gemma	Sargent	Team Jadan Weldtite-Vive le Velo
51	Poppy	Thompson	Team Jadan Weldtite-Vive le Velo
52	Christina	Wiejak	Team Jadan Weldtite-Vive le Velo
53	Mary	<u>Wilkinson</u>	Team Jadan Weldtite-Vive le Velo
54	Chloe	Fraser	The Racing Chance Foundation
55	Amy	Gornall	The Racing Chance Foundation
56	Katie	Helsby	The Racing Chance Foundation
57	Lauren	Dolan	Torelli-Assure
58	Jennifer	George	Torelli-Assure

59	Niamh	Fisher Black	Torelli-Assure
60	Sophie	Thackray	Torelli-Assure
61	Hayley	Simmonds	BTC City Ljubljana
62	Lucy	Hart	Cycling Performance Squad
63	Amelie	Wayte	Cycling Performance Squad
64	Francesca	Hall	DAP Cycling Club
65	Keira	McVitty	Isorex NoAqua Ladies Cycling Team
66	Hannah	Graveney	Liv Awol
67	Rebecca	Richards	Newark Castle CC
68	Molly	Weaver	Orbea Racing Team
69	Dannielle	Khan	BC PM
70	Emily	Nelson	RST/Cycle Division Racing Team
71	Megan	Panton	Project 51
72	Abbie	Taylor	Sheffield Dirt Society
73	Fiona	Turnbull	Slingshot
74	Molly	Patch	Team Velotec
75	Melissa	Greaves	TW1 Racing
76	Jayati	Hine	University of Sheffield CC
77	Jasmine	Jones	Veloflow CC - Rowe & King
78	Louise	Hart	TC Racing

Course Description – Women

Mile	Km			38kph	42kph	46kph
0.0	0.0		Guisborough West Gate	09:00	09:00	09:00
2.9	4.7	Deneutralise	Sandy Lane Flag Drop	09:07	09:06	09:06
4.3	6.9		New Marske	09:10	09:09	09:09
7.8	12.6		Skelton	09:19	09:18	09:16
9.3	15.0		Skelton Green	09:23	09:21	09:19
12.0	19.4	Start Lap 1	Boosbeck	09:30	09:27	09:25
12.3	19.9	Lap 1	Lingdale	09:31	09:28	09:25
16.3	26.2	Lap 1	Carlin How	09:41	09:37	09:34
17.3	27.8	Lap 1	Loftus	09:43	09:39	09:36
19.4	31.3	Lap 1	Liverton	09:49	09:44	09:40
22.6	36.3	Lap 1	A171	09:57	09:51	09:47
26.0	41.9	Lap 1	Easington	10:06	09:59	09:54
26.6	42.8	Lap 1	Loftus	10:07	10:01	09:55
29.0	46.6	Lap 1	Carlin How	10:13	10:06	10:00
29.9	48.2	Lap 1	Brotton	10:16	10:08	10:02
32.2	51.8	Lap 1	QOM Saltburn	10:21	10:14	10:07
34.5	55.5	Lap 1	Four Lane Ends	10:27	10:19	10:12
36.0	58.0	Lap 1	Skelton Green	10:31	10:22	10:15
38.5	62.0	Start Lap 2	Boosbeck	10:37	10:28	10:20
39.1	62.9	Lap 2	Lingdale	10:39	10:29	10:22
43.0	69.3	Lap 2	Carlin How	10:49	10:38	10:30
44.0	70.9	Lap 2	Loftus	10:51	10:41	10:32
46.2	74.4	Lap 2	Liverton	10:57	10:46	10:37
49.3	79.4	Lap 2	A171	11:05	10:53	10:43
52.8	84.9	Lap 2	Easington	11:14	11:01	10:50
53.3	85.9	Lap 2	Loftus	11:15	11:02	10:52
55.7	89.7	Lap 2	Carlin How	11:21	11:08	10:57
56.7	91.2	Lap 2	Brotton	11:24	11:10	10:58
58.9	94.9	Lap 2	QOM Saltburn	11:29	11:15	11:03
61.2	98.5	Lap 2	Four Lane Ends	11:35	11:20	11:08
62.8	101.0	Lap 2	Skelton Green	11:39	11:24	11:11
65.5	105.4	End of Lap 2	Boosbeck	11:46	11:30	11:17
66.3	106.7	Return	Margrove Park	11:48	11:32	11:19
67.4	108.6	Return	Margrove Park	11:51	11:35	11:21
69.3	111.6	Finish	Finish Line	11:56	11:39	11:25

Course Maps - Women

Run out to Deneutralise and join Main Circuit at Boosbeck for 2 Laps



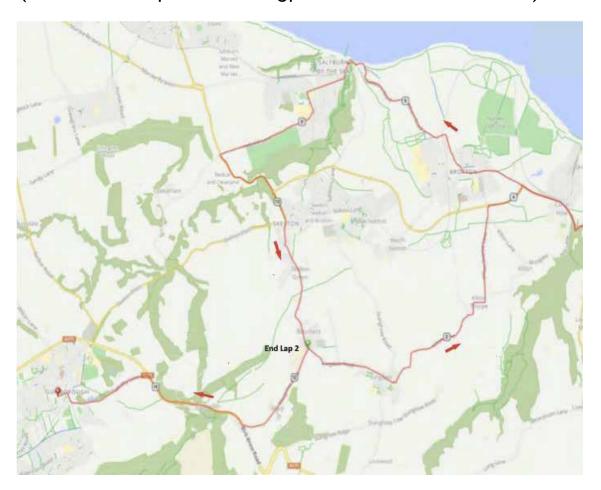
Main Circuit 2 Laps (anticlockwise, QOM every lap)

(Download: https://ridewithgps.com/routes/18342602)

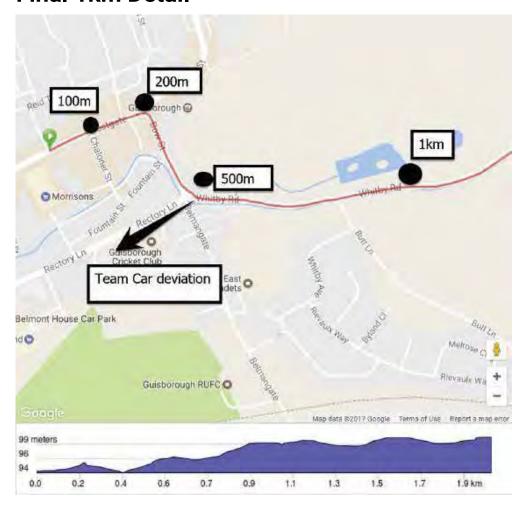


Run Back to Finish

(Download: https://ridewithgps.com/routes/19254951)



Final 1km Detail



Start List - Men

1	Ryan	Christensen	Canyon dhb p/b Bloor Homes
2	Stijn	De Bock	Canyon dhb p/b Bloor Homes
3	Matthew	Bostock	Canyon dhb p/b Bloor Homes
4	Alex	Paton	Canyon dhb p/b Bloor Homes
5	Rob	McCarthy	Canyon dhb p/b Bloor Homes
6	Maximilian	Stedman	Canyon dhb p/b Bloor Homes
7	Andrew	Tennant	Canyon dhb p/b Bloor Homes
8	Rory	Townsend	Canyon dhb p/b Bloor Homes
9	lan	Bibby	Madison Genesis
10	Richard	Handley	Madison Genesis
11	Matthew	Holmes	Madison Genesis
12	Jonathan	McEvoy	Madison Genesis
13	Jonathan	Mould	Madison Genesis
14	George	Pym	Madison Genesis
15	Erick	Rowsell	Madison Genesis
16	Connor	Swift	Madison Genesis
17	John	Archibald	Ribble Pro Cycling
18	Daniel	Bigham	Ribble Pro Cycling
19	William	Brown	Ribble Pro Cycling
20	Alex	Dalton	Ribble Pro Cycling
21	Zeb	Kyffin	Ribble Pro Cycling
22	Alex	Luhrs	Ribble Pro Cycling
23	Jacob	Tipper	Ribble Pro Cycling
24	Ben	Hardy	SwiftCarbon Pro Cycling
25	Isaac	Mundy	SwiftCarbon Pro Cycling
26	Jordan	Reed	SwiftCarbon Pro Cycling
27	Tristan	Robbins	SwiftCarbon Pro Cycling
28	James	Shaw	SwiftCarbon Pro Cycling
29	Julian	Varley	SwiftCarbon Pro Cycling
30	Peter	Williams	SwiftCarbon Pro Cycling
31	George	Wood	SwiftCarbon Pro Cycling
32	Lawrence	Carpenter	Team Wiggins Le Col
33	Mark	Christian	Team Wiggins Le Col
34	Gabriel	Cullaigh	Team Wiggins Le Col
35	Ben	Healy	Team Wiggins Le Col
36	Callum	Riley	Team Wiggins Le Col
37	Oliver	Robinson	Team Wiggins Le Col
38	Jacques	Sauvagnargues	Team Wiggins Le Col
39	Daniel	Tulett	Team Wiggins Le Col
40	Graham	Briggs	Vitus Pro Cycling p/b Brother UK
41	Edward	Clancy OBE	Vitus Pro Cycling p/b Brother UK
42	Joe	Holt	Vitus Pro Cycling p/b Brother UK
43	Adam	Kenway	Vitus Pro Cycling p/b Brother UK
44	Christopher	Latham	Vitus Pro Cycling p/b Brother UK
45	Michael	Mottram	Vitus Pro Cycling p/b Brother UK
46	Alistair	Slater	Vitus Pro Cycling p/b Brother UK
47	Scott	Thwaites	Vitus Pro Cycling p/b Brother UK
48	George	Evans	ActiveEdge Race Team
49	Laurence	Kirby	ActiveEdge Race Team ActiveEdge Race Team
50	John	Mulvey	ActiveEdge Race Team ActiveEdge Race Team
51	Oliver	Peckover	ActiveEdge Race Team ActiveEdge Race Team
52	Jesse	Yates	ActiveEdge Race Team ActiveEdge Race Team
53	Jesse Jonathan	Bridge	
54	Jonathan	Fowles	Crimson Orientation Marketing RT
55 55			Crimson Orientation Marketing RT
ວວ 56	Elliot	Harrison Lowe	Crimson Orientation Marketing RT
56 57	Tom	Lowe	Crimson Orientation Marketing RT
	Ryan	Manders Didebolah	Crimson Orientation Marketing RT
 58	Jamie	Ridehalgh	Crimson Orientation Marketing RT

59	Jake	Womersley	Crimson Orientation Marketing RT
60	Joseph	Clark	Cycling Sheffield Giant Sheffield
61	Tom	Knight	Cycling Sheffield Giant Sheffield
62	Daniel	Pullen	Cycling Sheffield Giant Sheffield
63	Charlie	Renshaw	Cycling Sheffield Giant Sheffield
64	Kieran	Savage	Cycling Sheffield Giant Sheffield
65	Louis	Szymanski	Cycling Sheffield Giant Sheffield
66	James	Haydon	Leisure Lakes Bikes.com
67	Joseph	Perkins	Leisure Lakes Bikes.com
68	William	Perrett	Leisure Lakes Bikes.com
69	Lewis	Bulley	Richardsons-Trek RT
70	Matthew	Clements	Richardsons-Trek RT
71	Peter	Cocker	Richardsons-Trek RT
72	Tobias	Dahlhaus	Richardsons-Trek RT
73	Rhys	Howells	Richardsons-Trek RT
74	James	Jenkins	Richardsons-Trek RT
75	Theo	Modell	Richardsons-Trek RT
76	Joseph	Sutton	Richardsons-Trek RT
77	Jake	Alderman	Saint Piran
78	Joe	Evans	Saint Piran
79	William	Harper	Saint Piran
80	Cameron	Jeffers	Saint Piran
81	Steve	Lampier	Saint Piran
82	Oliver	Maxwell	Saint Piran
83	Matthew	Nowell	Saint Piran
84	Frazier	Clark	Spirit Tifosi Racing Team
85	George	Clark	Spirit Tifosi Racing Team
86 87	Christopher	Dredge Graham	Spirit Tifosi Racing Team
87 88	Rupert Tom	Granam Mazzone	Spirit Tifosi Racing Team
89		Mazzone	Spirit Tifosi Racing Team Spirit Tifosi Racing Team
90	Leon Jordan	Peacock	Spirit Tifosi Racing Team Spirit Tifosi Racing Team
91	Charles	Walker	
92	Thomas	Heal	Spirit Tifosi Racing Team Strada-Sport
93	Charlie	Wright	Strada-Sport Strada-Sport
94	Alexander	Ashman	TBW23 Stuart Hall Gett Taxi
95	Stanley	Kennett	TBW23 Stuart Hall Gett Taxi
96	Daniel	Nieto	TBW23 Stuart Hall Gett Taxi
97	Ryan	Watkins	TBW23 Stuart Hall Gett Taxi
98	Joseph	West	TBW23 Stuart Hall Gett Taxi
99	Eugene	Cross	Team B38 / Cycles In Motion
100		Nichols	Team B38 / Cycles In Motion
101		Taylor	Team B38 / Cycles In Motion
102		Caldwell	Team Bioracer - DHL - FR Services
103		Corkery	Team Bioracer - DHL - FR Services
104		Doherty	Team Bioracer - DHL - FR Services
105		Flannagan	Team Bioracer - DHL - FR Services
106		McCann	Team Bioracer - DHL - FR Services
107		Moore	Team Bioracer - DHL - FR Services
108		Smith	Team Bioracer - DHL - FR Services
109		Sutcliffe	Team Bioracer - DHL - FR Services
110		Bentley	Team PB Performance
111		Chapman	Team PB Performance
112		Harlow	Team PB Performance
113		Hill	Team PB Performance
114		Housley	Team PB Performance
115		Jarvis	Team PB Performance
116		Symonds	Team PB Performance
117		Burke	Wales Racing Academy
118		Coombe	Wales Racing Academy
119	Peter	Kibble	Wales Racing Academy

120	Oscar	Mingay	Wales Racing Academy
121	Joshua	Price	Wales Racing Academy
122	William	Roberts	Wales Racing Academy
123	James	Tillett	Wales Racing Academy
124	Samuel	Tillett	Wales Racing Academy
125	Matthew	Clarke	Wheelbase CabTech Castelli
126	Finn	Crockett	Wheelbase CabTech Castelli
127	Harry	Hardcastle	Wheelbase CabTech Castelli
128	Grant	Martin	Wheelbase CabTech Castelli
129	Fraser	Martin	Wheelbase CabTech Castelli
130	William	Orrell-Turner	Wheelbase CabTech Castelli
131	Joe	Reilly	Wheelbase CabTech Castelli
132	Jack	Stanton-Warren	Wheelbase CabTech Castelli
133	David	Bolland	Velo Schils - Interbike RT
134	Morris	Bacon	DAP Cycling Club
135	Damien	Clayton	Andy Moore Autocentres Racing
136	Oliver	Richardson	Twickenham CC
137	Adam	Lewis	BEAT Cycling Club
138	Aaron	Preston	Cleveland Whls JRT/Catley Lakeman
139	Russell	Downing	Giordana Racing
140	Antony	Richardson	Royal Air Force CA
141R	Dean	Watson	Andy Moore Autocentres Racing
142R	James	Jobber	Backyardbikeshop.com
143R	Dave	Tilling	BC PM
144R	Lloyd	Wise	Bikestrong-KTM
145R	Mark	Jagger	Harrogate Nova CC
146R	Guy	Jones	Veloce Racing
147R	Adam	Robertson	University of Bath Cycling Club
148R	Tom	Mansfield	Bikestrong-KTM
149R	Matthias	Barnet	Cycle Team OnForm
150R	Thomas	Denwood	Harrogate Nova CC
151R	Toby	Tanfield	Cleveland Whls JRT/Catley Lakeman

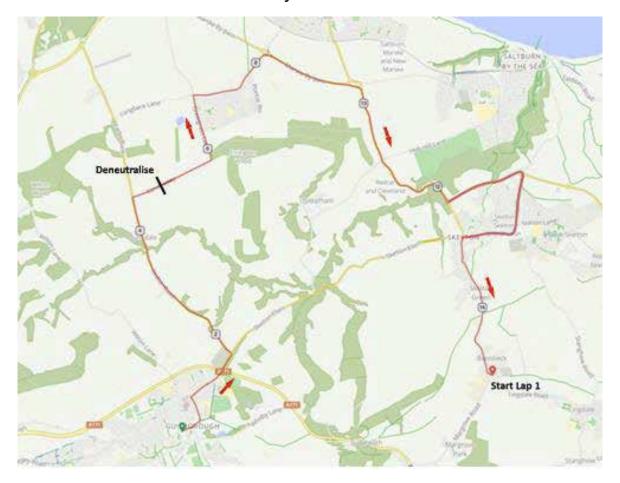


Course Description – Men

Mile	Km			38kph	42kph	46kph
0.0	0.0		Guisbrough West Gate	13:30	13:30	13:30
2.9	4.7	Deneutralise	Sandy Lane Flag Drop	13:37	13:36	13:36
4.3	6.9		New Marske	13:40	13:39	13:39
7.8	12.6		Skelton	13:49	13:48	13:46
9.3	15.0		Skelton Green	13:53	13:51	13:49
12.0	19.4	Start Lap 1	Boosbeck	14:00	13:57	13:55
12.3	19.9	Lap 1	Lingdale	14:01	13:58	13:55
16.3	26.2	Lap 1	Carlin How	14:11	14:07	14:04
17.3	27.8	Lap 1	Loftus	14:13	14:09	14:06
19.4	31.3	Lap 1	Liverton	14:19	14:14	14:10
22.6	36.3	Lap 1	A171	14:27	14:21	14:17
26.0	41.9	Lap 1	Easington	14:36	14:29	14:24
26.6	42.8	Lap 1	Loftus	14:37	14:31	14:25
29.0	46.6	Lap 1	Carlin How	14:43	14:36	14:30
29.9	48.2	Lap 1	Brotton	14:46	14:38	14:32
32.2	51.8	Lap 1 KOM	Saltburn	14:51	14:44	14:37
34.5	55.5	Lap 1	Four Lane Ends	14:57	14:49	14:42
36.0	58.0	Lap 1	Skelton Green	15:01	14:52	14:45
38.5	62.0	Start Lap 2	Boosbeck	15:07	14:58	14:50
39.1	62.9	Lap 2	Lingdale	15:09	14:59	14:52
43.0	69.3	Lap 2	Carlin How	15:19	15:08	15:00
44.0	70.9	Lap 2	Loftus	15:21	15:11	15:02
46.2	74.4	Lap 2	Liverton	15:27	15:16	15:07
49.3	79.4	Lap 2	A171	15:35	15:23	15:13
52.8	84.9	Lap 2	Easington	15:44	15:31	15:20
53.3	85.9	Lap 2	Loftus	15:45	15:32	15:22
55.7	89.7	Lap 2	Carlin How	15:51	15:38	15:27
56.7	91.2	Lap 2	Brotton	15:54	15:40	15:28
58.9	94.9	Lap 2 KOM	Saltburn	15:59	15:45	15:33
61.2	98.5	Lap 2	Four Lane Ends	16:05	15:50	15:38
62.8	101.0	Lap 2	Skelton Green	16:09	15:54	15:41
65.5	105.4	Start Lap 3	Boosbeck	16:16	16:00	15:47
66.0	106.3	Lap 3	Lingdale	16:17	16:01	15:48
70.0	112.7	Lap 3	Carlin How	16:27	16:10	15:56
71.0	114.3	Lap 3	Loftus	16:30	16:13	15:59
73.2	117.8	Lap 3	Liverton	16:35	16:18	16:03
76.3	122.8	Lap 3	A171	16:43	16:25	16:10
79.7	128.3	Lap 3	Easington	16:52	16:33	16:17
80.3	129.3	Lap 3	Loftus	16:54	16:34	16:18
82.7	133.1	Lap 3	Carlin How	17:00	16:40	16:23
83.6	134.6	Lap 3	Brotton	17:02	16:42	16:25
85.9	138.3	Lap 3 KOM	Saltburn	17:08	16:47	16:30
88.2	141.9	Lap 3	Four Lane Ends	17:14	16:52	16:35
89.7	144.4	Lap 3	Skelton Green	17:17	16:56	16:38
92.4	148.7	Start Lap 4 (Short)	Boosbeck	17:24	17:02	16:44
92.9	149.6	Lap 4	Lingdale	17:26	17:03	16:45
93.7	150.9	Lap 4	Brotton	17:28	17:05	16:46
95.5	153.8	Lap 4	Saltburn	17:32	17:09	16:50
96.6	155.6	Lap 4	Four Lane Ends	17:35	17:12	16:52
98.4	158.5	Lap 4	Skelton Green	17:40	17:16	16:56
101.1	162.8	End Lap 4	Boosbeck Margraya Dark	17:47	17:22	17:02
101.9	164.1	Return	Margrove Park	17:49	17:24	17:04
103.1	166.0	Return	Margrove Park	17:52	17:27	17:06
105.0	169.	1 Finish	Finish Line	17:56	17:31	17:10

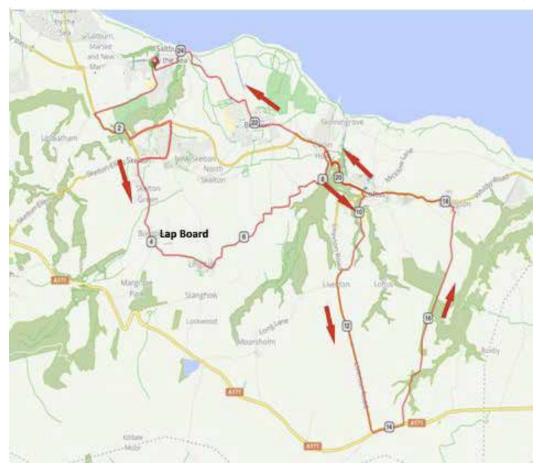
Course Maps - Men

Run out to Deneutralise and join Main Circuit at Boosbeck for 3 Laps



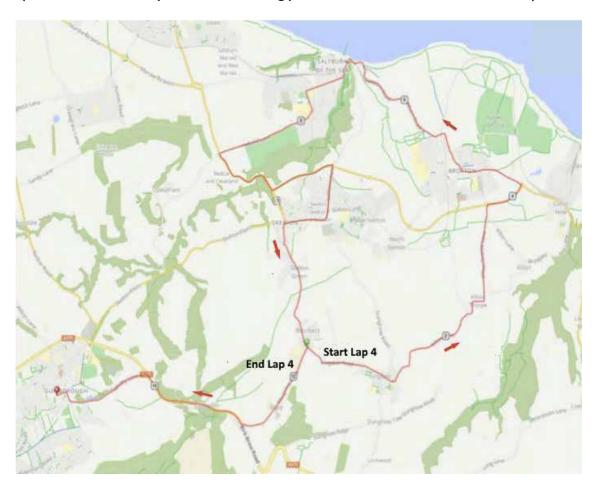
Main Circuit 3 Laps (anticlockwise, KOM every lap)

(Download: https://ridewithgps.com/routes/18342602)



Final Short Lap 4 (anticlockwise, no KOM) and Run Back to Finish

(Download: https://ridewithgps.com/routes/19254951)



Final 1km Detail

