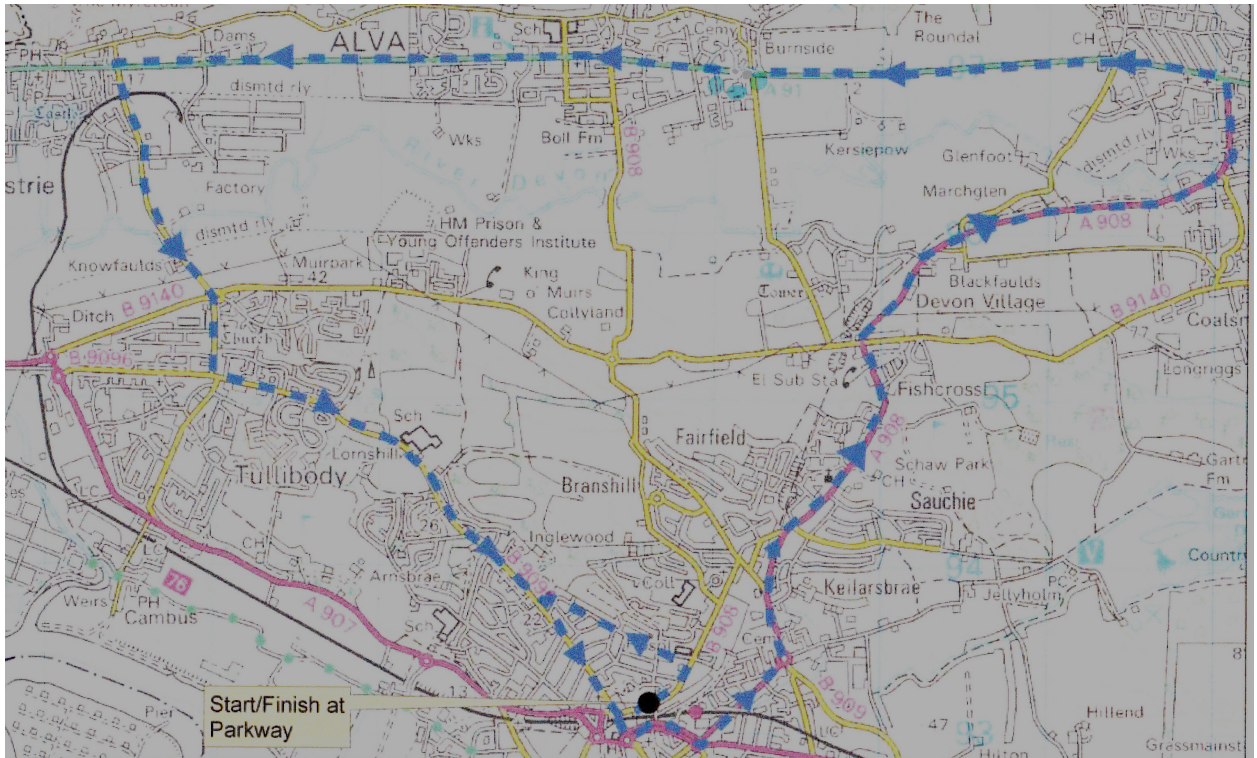


# ALLOA HALF MARATHON 2009 ROUTE



Measured by



3 Blairfield Steadings  
Dronley Road  
BIRKHILL  
Dundee  
DD2 5QD  
SCOTLAND  
UK

T +44 (0) 1382 581518

M +44 (0) 7747 616245

E [dionnet03@aol.com](mailto:dionnet03@aol.com)

W [www.dionnetworks.com](http://www.dionnetworks.com)

## COURSE MEASUREMENT

19<sup>th</sup> February 2009

### ***Acknowledgements***

The author appreciates the help of and co-operation received from :

**Mr Colin Lynch**

## Alloa Half Marathon - 2009 Route

### *COURSE MEASUREMENTS*

#### *Summary,*

The Alloa Half Marathon - 2009 Route course specified in this report, measured by calibrated cycle wheel, is not less than 21,0975 metres (13.10938 miles), the minimum distance for a half marathon.

Measurement error is believed to lie between zero to plus 21 metres.

*ALAN YOUNG of*  
**dion\_networks**  
3 Blairfield Steadings  
Dronley Road  
BIRKHILL  
Dundee  
DD2 5QD  
SCOTLAND  
UK

19<sup>th</sup> February 2009

**Calibration of Cycle** (working constant)

19<sup>th</sup> February 2009

Weather wet, and temperature approx. 7°C

A Ridgeback cycle with 700mm dia. Wheels and Jones/Oerth/Lacroix Counter attached.

The counter was calibrated against the 400m Course at North Inch, Perth  
Pre - Calibration

Time of Day: 09:00hrs		Temperature: 7°C	
Ride	Start Count	Finish Count	Difference
1	065330	069937	4607
2	069940	074545	4605
3	074550	079156	4606
4	079170	083776	4606
Average Count		4606	

Counts per Km =  $4606 / 400 \times 1000 = 11,515$

"Short Course Prevention Factor" = 1.001

**WORKING CONSTANT = 11,527 counts per Km**

The cycle was then taken by car to Alva Industrial Estate, Alva.

This year it will not be possible to start and finish in the grounds of Lornshill Academy.

The 2009 race will now start and finish from the Leisure Bowl in Parkway, Alloa.

To make up the lost distance by not going in and out of Lornshill Academy grounds, the race will be taken through the Alva Industrial Estate.

The route passes the Alva Industrial Estate, and it was convenient to measure the full route from here. A datum of the East edge of roadside manhole on the A91, was taken as the starting point.

**Route ( as measured)**

Travel westward along the A91 through Alva. Turn left before Menstrie towards Tullibody. Straight on at circle with B9140. At junction with B9096 towards Alloa . Continue on B9096 towards Alloa city centre. Turn left into B908, Parkway, (Start and Finish will now be at the entrance to the Leisure Bowl) this becomes Sunnyside Road, then turn left into Ashley Terrace. Continue all the way round Ashley Crescent and rejoin Tullibody road which becomes Mar Place. Turn left into Izatt Street to Ring Road. Turn left to Whins Road (A908). Continue on A908 until you join the A91 in the centre of Tillicoultry. Turn left along High Street (A91) and head to Alva. On reaching Alva Industrial Estate turn left , then right, then right again, and join the A91 turning left to start of measurement.. Reaching the commencement point at datum of the East edge of roadside manhole on the A91.

Datum of the East edge of roadside manhole on the A91  
Reading - 086600

Datum of the East edge of roadside manhole on the A91  
Reading - 327404

Counts - 240804 = 20.890km

Route through Alva Industrial Estate less the section on A91 = 0.223km

Total distance - 21.113km

Post - Calibration

Time of Day - 16:00hrs		Temperature - 8°C	
Ride	Start Count	Finish Count	Difference
1	351800	356409	4609
2	356410	361020	4610
3	361030	365637	4607
4	365640	370246	4606
Average Count		4608	

Counts per Km =  $4608 / 400 \times 1000 = 11,520$

"Short Course Prevention Factor" = 1.001

**FINISH CONSTANT = 11,532**

**CONSTANT FOR THE DAY = 11,529.5**