

COURSE - G.531, as used in 1992; course record-Eddie Adkins 53 30, 1992 Start on A24, 0.11 mile north of A24/A272 crossroads and traffic lights, Map ref. at post at northern end of acceleration lane. Go north on A24, straight on at Southwater south R/B and

Southwater north R/B to Farthings Hill, where left up slip road to elevated R/B (A264/A24), straight over 3rd exit, down slip road to rejoin A24 northwards. Straight on at next R/B to

northwards. Straight on at next R/B to GREAT DAUX R/B, (A24/A264), where RIGHT on A264 (2nd exit) 7.25 miles,

straight on at Rusper Road R/B to ROFFEY R/B, (A264/B2195), where LEFT (1st exit) 9.23 miles,

straight on at Faygate R/B & Buchan Park R/B

on to A264 straight on at Faygate R/B to ROFFEY R/B, (A264/B2195), where RIGHT (2nd exit) still on A264 straight on at Rusper Road R/B to GREAT DAUX R/B, (A264/A24), where left (1st exit)

on to A24,
straight on at next R/B
to Farthings Hill, where left up slip road
to elevated R/B (A24/A264), straight over
2nd exit, down slip road to rejoin A24
southwards,
straight on at Southwater north R/B
and Southwater south R/B to

FINISH 0.14 mile south of Southwater south R/B, Mao ref. 162250.

MARSHALS at:Farthings Hill slip roads and elevated roundabout,
Great Daux R/B
Roffey R/B and

the Turn( 2nd R/B after going under footbridge.

NO MARSHALS at straight on R/B's.

NUMBERS at the start.
MILEAGE BOARDS at 5, 10, 12½, 15, 20, 21, 22, 23 and 24 miles.
LONDON SOUTH D.C. REGULATION-Riders not permitted to use the Farthings
Hill underpass. Anyone so doing will be disqualified(off-course) and
may be punished under reg. 48 and rule 22(b).

TIMEKEEPERS-RAY DOUGLASS, Worthing Excelsior CC at the start and MIKE KILBY, Lowes Wanderers CC, at the finish.

EVENT SECRETARY-ROBIN JOHNSON, 7 Gorselands, Billingshurst,

West Sussex, RH14 9TT,

West Sussex, RH14 911, 0403 783368.

THE BRIGHTON MITRE CYCLING CLUB

presents its 25th annual 25 miles time trial.

Without exception, all our sponsors have made this a special event by donating even more generously than usual. We have a £1,515 prize list - almost twice our previous record. Please repay them by buying their products.

FISONS plc 156 tubes of RADIAN-B rub, 168 sachets of RADIAN-B liquid mineral bath, and 6 bottles of RADIAN-B liniment value £408.60

EVANS CROYDON
a selection of cycle accessories including EVANS bottles and cages, and 150 EVANS catalogues value £250.60

WARNER-LAMBERT
60 tubes of EUTHYMOL toothpaste and 60 bottles of LISTERMINT mouthwash
value £174

BARTHOLOMEW
15 Road Atlases Britain, 7 Road Atlases Germany, 8 1 Road Atlas France
value £161.77

S. J. CLARK (CABLES) LTD. 20 CLARK'S cablesets

value £115

A. E. WESTWOOD LTD.
16 WESCO metal and plastic oilers

value £104

HENRY SQUIRE & SONS 3 CP3 Combination Cablelocks

value £51.33

RIK'S RECORDS 3 £10 youchers.

ENERGY PLUS 5 MAX IM bottles

value £19.75

MOST OF THESE COMPANIES HAVE DONATED EVERY YEAR SINCE 1971.

SUPPORT THE COMPANIES THAT SUPPORT OUR SPORT.....

HEADQUARTERS - COPSALE VILLAGE HALL, COPSALE.

PARKING - COPSALE VILLAGE HALL GROUNDS

OPPOSITE PUB NEXT DOOR, BUT NOT IN PUB'S CAR PARK.

CONCRETE LAY-BY, BETWEEN HQ AND A24.

THEN DOWN ONE SIDE OF THE LANE.

NO PARKING EAST OF PUB-VERGES ARE PRIVATELY OWNED. THANK YOU.

CANTEEN IN HQ - DRINKS AND FOOD AVAILABLE.

PRIZE PRESENTATION IN HQ - PLEASE WAIT TO BE PRESENTED IF
YOU ARE A PRIZEWINNER.
THANK YOU

TANDEM "25" and LADIES and JUNIORS! "25": AWARDED TO ALL STARTERS: A free drink, EVANS Catalogue, value £1.50,

1 tube of RADIAN-B rub, value £1.35, and

1 sachet of RADIAN-B liquid mineral bath, value

£1, both donated by FISONS plc; total £3.85.

PRIZES - TANDEM "25"

FIRST - EVANS BOTTLE & CAGE. 2 bottles of RADIAN-B LINIMENT and BARTHOLOMEW ROAD ATLAS BRITAIN, value £26.99 + £20.

2nd - 2 bottles of RADIAN-B LINIMENT and BARTHOLOMEW ROAD ATLAS BRITAIN. value £17.09 + £10.

3rd - 2 bottles of RADIAN-B LINIMENT. value £10.10. 4th - CLARK'S CABLESET, value £5.75. Fastest Mixed Tandem-BARTHOLOMEW ROAD ATLAS GERMANY, value £6.99. Fastest Sussex Tandem-RIK'S RECORDS £10 voucher.

PRIZES - LADIES and JUNIORS! "25"

FIRST - SQUIRE CP3 COMBINATION CABLELOCK & BARTHOLOMEW ROAD ATLAS BRITAIN, value £24.10 + £10.

2nd - BARTHOLOMEW ROAD ATLAS BRITAIN, value £6.99.

1st Junior - CLARK'S CABLESET, value £5.75. 2nd Junior - MAX IM BOTTLE, value £3.95. 1st Juvenile - EVANS BOTTLE & CAGE, and MAXIM BOTTLE, value £13.85.

1st Lady -BARTHOLOMEW ROAD ATLAS BRITAIN. BARTHOLOMEW ROAD ATLAS GERMANY & MAXIM BOTTLE, value £17.93 + £15.

2nd Lady - BARTHOLOMEW ROAD ATLAS FRANCE & BARTHOLOMEW RO'D ATLAS BRITAIN, value £14.98 + £10.

3rd Lady - BARTHOLOMEN ROAD ATLAS BRITAIN & BARTHOLOMEN ROAD ATLAS GERMANY. value £13.98.

4th Lady - BARTHOLOMEW ROAD AT LAS BRITAIN, value £6.99.

5th Lady - CLARK'S CABLESET, value £5.75.

Best Improvement (Line 10) - EVANS BOTTLE & CAGE, BARTHOLOMEW ROAD ATLAS BRITAIN.... value £16.89.

Fastest Sussex Rider - RIK'S RECORDS £10 voucher.

MEN'S "25": AWARDED TO ALL STARTERS: A free drink, EVANS catalogue, value £1.50, 1 tube of RADIAN-B rub, value £1.35, 1 sachet of RADIAN-B liquid mineral bath, value £1. and, either 1 tube of EUTHYMOL toothpaste or 1 bottle of LISTERMINT mouthwash. each value £1.45; total £5.30.

PRIZES - MEN'S "25"

FIRST - BASTA TWIN PACK OF BATTERY LIGHTS WITH BATTERIES, SQUIRE CP3 COMBINATION CABLELOCK, BARTHOLOMEW ROAD ATLAS BRITAIN and WESCO OILER.....value £50.55 and £30.

2nd - BARBIERI CHAIN CLEANER, BARTHOLOMEW ROAD ATLAS BRITAIN and BARTHOLOMEW ROAD ATLAS GERMANY ...... value £29.93 and £15. 3rd - BARTHOLOMEW ROAD ATLAS BRITAIN, BARTHOLOMEW ROAD ATLAS

GERMANY and WESCO OILER......value £20.48 and £10.
4th - BARTHOLOMEW ROAD ATLAS GERMANY, WESCO OILER and

CLARK'S CABLESET......value £19.24 and £5.

5th - BARTHOLOMEW ROAD ATLAS GERMANY, WESCO OILER and CLARK'S CABLESET......value £19.24. 6th - WESCO OILER and CLARK'S CABLESET.....value £12.25. 

8th - CLARK'S CABLESET......value £5.75.

BEST IMPROVEMENT (Line 10) - SQUIRE CP3 COMBINATION CABLELOCK, WESCO DILER, BARTHOLOMEW ROAD ATLAS BRITAIN, CLARK'S CABLESET and MAX IM BOTTLE, value £40.30 and £20. 2nd Best Improvement (do.) - BARTHOLOMEW ROAD ATLAS BRITAIN, WESCO OILER.

and CLARK'S CABLESET,....value £19.24 and £10.

3rd Best Improvement (do.) - WESCO OILER and CLARK'S CABLESET,£12.25 and £5.

4th Best Improvement (do.) - WESCO OILER and CLARK'S CABLESET, value £12.25.

FASTEST TEAM of three - WESCO OILER and CLARK'S CABLESET, value £12.25 each. 2nd fastest team - CLARK'S CABLESET, value £5.75 each rider.

1st VETERAN ON STANDARD - BARTHOLOMEW ROAD ATLAS BRITAIN, WESCO OILER, CLARK'S CABLESET and MAXIM BOTTLE, value £23,23.

2nd Veteran on Standard - WESCO OILER and CLARK'S CABLESET, value £12.25.

3rd Veteran on Standard - WESCO OILER, value £6.50. 4th Veteran on Standard - CLARK'S CABLESET, value £5.75.

Fastest Sussex Rider - RIK'S RECORDS £10 VOUCHER.

Prizes are being allocated this year to encourage improving riders and veterans, the latter usually make up half of any field.

The event secretary requests help from the two above categories at the result board to permit a prize presentation soon after the events.

111 Bob Stapley 112 Alf Peyton 113 John Coe 114 Ken Connolly 115 SHAUN KENNEDY	V V V	Epsom CC Willesden CC Lewes Wanderers CC Fareham Wheelers BEC CC	1	58 59 2 0 54	0 41 42 8 50	9.51 9.52 9.53 9.54 9.55
116 Bob Addy 117 Chris Homan 118 Phil Puttick 119 Simon Greenland 120 EDDIE ADKINS	V V V V	Hemel Hempstead CC Lewes Wanderers CC West Kent RC Maidenhead & Dist.CC LEO RC/SHORTER ROCHFORD	1	52 1 1 57 49	6 39 58 22 39	9.56 9.57 9.58 9.59 10.00
121 Matthew Rabbett 122 John McGill 123 John Jenkins 124 John Percival 125 PETER ROBERTS	s V V	Lewes Wanderers CC Alton CC West Kent RC 34th Nomads Lewes Wanderers CC	1	56 59 0 3 54	35 46 53 19 29	10.01 10.02 10.03 10.04 10.05
126 Ken Craven 127 Dave Adams 128 Jim Edwards 129 Ian Landless 130 STEVE ELMS	V V V	Crescent CC Norwood Paragon CC Middlesex RC Lewes Wanderers CC EAST GRINSTEAD CC	1	54 58 58 0 50	57 14 57 46	10.06 10.07 10.08 10.09 10.10
131 Peter Price 132 Tony Deadman 133 Richard Ellis 134 John Frankland 135 TOM JAMES	V V V	Lewes Wanderers CC Maidenhead & Dist.CC East Grinstead CC West Kent RC OXFORD UNIVERSITY CC	1 1	59 56 2 3 54	51 35 2 21 24	10.11 10.12 10.13 10.14 10.15
136 Robin Lenharth 137 Keith Dixon 138 Ian Barnett 139 Ron Purdy 140 PHIL BARNES	V V	Brighton Excelsior CC Redhill CC Morden CRC Willesden CC TEAM RAPIDE	1	58 58 57 2 53	58 59 43 22 15	10.16 10.17 10.18 10.19 10.20
John Blacker Andy Seltzer David Barnes Hike Benstead BOB TAYLOR	V V V	Rockingham CC East Grinstead CC Icknield RC/Compomotive W. Salisbury RC EAST GRINSTEAD CC	1	53 59 0 54 57	57 54 59 39 57	10.21 10.22 10.23 10.24 10.25
146 Andy Payne 147 Bob Hargreaves 148 Doug Hitchcock 149 Dave Sambells 150 BOB THORNE	¥ ¥	Brighton Excelsior CC/M&J East Grinstead CC North Hampshire RC Salisbury RC POLYTECHNIC CC/AIR	1	58 58 1 57 52	56 55 24 51 32	10.26 10.27 10.28 10.29 10.30
Reserves: 151 Peter Harris 152 Malcolm Bainbri 153 Ron Rogers 154 Mike Farla 155 Brian Hall 156 Larry Limpus 157 Haydn Cobley 158 Dave Keeler 159 Tony Palmer 160 Paul Watson	V dge	CANADA CARGO Reading CC V Redhill CC Lewes Wanderers CC Catford CC Hampshire RC Lewes Wanderers CC Hampshire RC Vegetarian C & AC Bognor Regis CC Halifax Imperial Whls.	1 1 1 1 1 1	45 58 51 62 57 76	33 12 43	turn up on the day and wait for a space to start in.

BRIGHTON MITRE CYCLING CLUB presents its 25th annual Gerry Jackson Memorial \*25\*\* on Sunday 24th October 1993, under R. T. T. C. regulations.

NDEM EVEN	Rider	Cat. GO BACK 1	Club HOUR ON SATURDAY NIGHT.	Р	erso	nal	Start
1	Mick Burgess & Peter Baker		Lewes Wanderers CC				8.01
2	Gary Beard & Ron Hart		Basildon CC				8.02
3	Chris Slater &						
4	Don McGlashan James Simmonds &		South Eastern RC				8.03
5	Beverley Simmonds		Tuff Fitty Triathlon Cl	ub			8.04
	PAUL WOODMAN		LEO RC/SHORTER ROCHFORD CYCLES				8.05
6	Kevin Harding & Sarah Lade		Central Sussex CC &		٥١	4	
7	Richard Payn &		Eastbourne Rovers/Phoen	1 X	Gycı	.es	8.06
8	Clare Salmon		34th Nomads CC				8.07
	Trevor Beauchamp & Ron Allen		Antelope CC & Farnham RC				8.08
9	John Watson & David Watson		Cauthhanaich & Dist III				
10	ANDY SMITH &		Southborough & Dist. Wh BRIGHTON EXCELSIOR CC/M	ee L	ers J CY	CLES	8.09
11	COLIN TOPPIN Ray Hughes &		WORTHING EXCELSIOR CC				8.10
escale.	Pauline Strong		Clarence Wheelers				8.11
12	Richard Van Looy & Michelle Van Looy		Racing Team East				8.12
DIFS & JU	NIORS' EVENT:						
13	Peter Watson	Jun	Southborough & Dist.	1	1	57	8.13
14	David Beadling DANIEL RUDD	Jun Jun	Crawley Wheelers DE LAUNE CC	1	57	34 40	8.14
			V (1977)		"		
16 17	John Limpus Gill Reynolds	Juven	Lewes Wanderers CC Willesden CC	1	58	20 38	8.16
18	Nick Palmer	Jun	Bognor Regis CC	1	6	7	8.17
19 20	Brenda Read STEVE LENN	Jun	Redhill CC CRAWLEY WHEELERS	1	58	15 39	8.19
		7.771				"	8. 20
21	Martyn Edwards Alison Alldridge	Jun	Maidenhead & Dist. CC San Fairy Ann CC	1	3	0	8.21
23	Heather Wimble		Lewes Wanderers CC	i	8	30	8.23
24	Monique Gibson		Bournemouth Arrow/	1	5	7	8. 24
25	PAUL ROWDEN	Jun	ROTHER VALLEY CC	1	0	40	8. 25
26	Gail Cheatle		Willesden CC	1	3	11	8. 26
27	Jeanette Wright		Farnborough & Camberley	1	5	36	8.27
28 29	Sharon Bagley Shirley Cobley		Crawley Wheelers	1	7	50	8.28
30	STEVE WOODBRIDGE	Jun	Hampshire RC BRIGHTON EXCELSIOR CC/ M & J CYCLES	1	56	29	8.29 8.30

41 ENTRIES RECEIVED FOR ABOVE EVENTS SO PLEASE START.....

Since typing the rest of this start sheet, a donation has been receild from MEL BENTLEY of BENTLEY CYCLES, LEEDS.

31 32 33 34 35	Robin Johnson Keith Ward Tony Preston Derek Harris MIKE ASHURST	V V V	Brighton Mitre CC West Kent RC East Grinstead CC Hampshire RC NEW FOREST CC	1 1 1.	59 1 3 3 54	52 7 43 55	8.31 8.32 8.33 8.34 8.35
36 37 38 39 40	John Poland Robert Wimble Nigel Shaw Tony Workman IAN HOWARD	V	Worthing Excelsior CC Lewes Wanderers CC Brighton Excelsior CC Willesden CC VC ELAN	1 1 1	59 0 3 4 53	56 36 27 25 52	8.36 8.37 8.38 8.39 8.40
41	Mark Sinnott		FESTIVAL RC/NICO-LAPAGE/		59	3	8.41
42 43 44 45	Richard Keevil Mick Coward Peter Baird MICK FAGG	Y	CORRIDORI SPORT GS Stella Redmon CC Worthing Excelsior CC WILLESDEN CC	1	57 58 2 52	48 43 28 32	8.42 8.43 8.44 8.45
46 47 48 49 50	James Petts Chris Grant Norman Harvey Laurie Pither PETER COOKSON	V V	Redhill CC De Laune CC Sotonia CC Hampshire RC WILLESDEN CC	1	58 59 1 1 52	0 57 18 22 21	8.46 8.47 8.48 8.49 8.50
51 52 53 54 55	Chris Hill Andrew Winkley Mark Walker Bill Prout ALAN STRONG	٧	Lewes Wanderers CC East Grinstead CC Regent RC ABC Centreville CLARENCE WHEELERS	1	57 59 0 2 54	57 26 37 33 56	8.51 8.52 8.53 8.54 8.55
56 57 58 59 60	Roy Turner Paul Wilson Steve Avely Mike Bloom JULIAN PEGG	V V V	South Bucks RC Regent RC Tooting BC/Hamsey Lodge Crawley Wheelers CHARLOTTEVILLE CC	1	58 2 58 3 53	9 55 56 58 8	8.56 8.57 8.58 8.59 9.00
61 62 63 64 65	Dave Shepherd Mike Anderson Fred Shepherd Antony Holder MIKE MARCHANT	٧	Bognor Regis CC VC Etoile Bognor Regis CC Crawley Wheelers GS STELLA	1 1 1	0 57 0 4 54	18 19 9 1 52	9.01 9.02 9.03 9.04 9.05
66 67 68 69 70	Chris Shepherd Graham Frogley Patrick Bryant Norman Attaway MATI WATT	V V	Bognor Regis CC Hampshire RC Middlesex RC Worthing Excelsior CC VC BAD	1	57 0 59 3 52	18 40 7 59 42	9.06 9.07 9.08 9.09 9.10

DNS - Anyone not intending to start, please ring event secretary on Saturday afternoon so he can allocate your start time to one of the ten riders who are reserves. Thank you.

Adrian Morris Don Awcock Paul Ridgers James Bradden EDDIE PAGE	٧			58 54 3 1 55	53 30 6 16 43		9.11 9.12 9.13 9.14 9.15
Shane Faulkner Gerry Ashley Dave Prior John Yates (Trike) BOB DONINGTON	V V V	Cambridge CC Bognor Regis CC	1	0 54 1 3 52	11 21 23 40 50		9.16 9.17 9.18 9.19 9.20
Kevin Shaw Anthony Wells John Howell Frank Russell CHRIS WORSFOLD	V			56 57 0 2 52	19 32 49 37 4		9. 21 9. 22 9. 23 9. 24 9. 25
Richard Finch Martin Goggin Colin Newell Paul Fox PETER CROFTS	V V V	Swindon Wheelers CC Woking/GFB Seafoods Addiscombe CC Gatwick Airport CT/Air.Ltd SOUTHBOROUGH WHEELERS	1	56 58 1 4 53	27 48 26 3		9.26 9.27 9.28 9.29 9.30
Mark Gidney Dave Worsfold Paul Cribb Richard Sparkes SIMON McCARTHY	٧		1	57 55 0 3 53	39 53 53 17 57		9.31 9.32 9.33 9.34 9.35
John Wager Tim Dolphin Martin Moon Chris Crocker PAUL PANAGI	۷	Paddington CC Somer Valley CC	1 1 1	0 58 0 1 53	21 28 23 32 43		9.36 9.37 9.38 9.39 9.40
Trevor Cox Geoff Boore Robert Holder Dennis Rolfe MARK HOLDEN	V V	Crawley Wheelers	1	53 59 1 0 55	40 39 12 18 31		9.41 9.42 9.43 9.44 9.45
Phil Saynor David Miesner Chris Birch Don Stagg MARK JONES	V		1	56 58 1 59 54	54 54 34 29 0		9.46 9.47 9.48 9.49 9.50
	Don Awcock Paul Ridgers James Bradden EDD IE PAGE  Shane Faulkner Gerry Ashley Dave Prior John Yates (Trike) BOB DONINGTON  Kevin Shaw Anthony Wells John Howell Frank Russell CHRIS WORSFOLD  Richard Finch Martin Goggin Colin Newell Paul Fox PETER CROFTS  Mark Gidney Dave Worsfold Paul Cribb Richard Sparkes SIMON McCARTHY  John Wager Tim Dolphin Martin Moon Chris Crocker PAUL PANAGI  Trevor Cox Geoff Boore Robert Holder Dennis Rolfe MARK HOLDEN  Phil Saynor David Miesner Chris Birch Don Stagg	Don Awcock Paul Ridgers James Bradden EDDIE PAGE  Shane Faulkner Gerry Ashley V Dave Prior John Yates (Trike) V BOB DON INGTON  Kevin Shaw Anthony Wells John Howell Frank Russell CHRIS WORSFOLD  Richard Finch Martin Goggin Colin Newell Paul Fox PETER CROFTS  Wark Gidney Dave Worsfold Paul Cribb Richard Sparkes SIMON McCARTHY  John Wager Tim Dolphin Martin Moon Chris Crocker PAUL PANAGI  Trevor Cox Geoff Boore Robert Holder Dennis Rolfe MARK HOLDEN  Phil Saynor David Miesner Chris Birch Don Stagg V	Don Awcock Paul Ridgers James Bradden EDDIE PAGE  Shane Faulkner Gerry Ashley Dave Prior John Yates (Trike) V BOB DONINGTON  Kevin Shaw Anthony Wells John Howell Frank Russell CHRIS WORSFOLD  Richard Finch Martin Goggin Colin Newell Paul Fox Paul Cribb Richard Sparkes SIMON McCARTHY  Dave Worsfold V  Done Worsfold Paul Cribb Richard Sparkes SIMON McCARTHY  De Laune CC Redmon CC Redmon CC Somer Valley CC Sotonia CC Woking/GFB Seafoods Addiscombe CC Gatwick Airport CT/Air-Ltd Bognor Regis CC Woking/GFB Seafoods Addiscombe CC Gatwick Airport CT/Air-Ltd Bognor Regis CC Redmon CC Festival RC Bognor Regis CC Redmon CC Festival RC Bognor Regis CC Redmon CC Cambridge CC Sotonia CC Redmon CC Somer Valley CC Sotonia CC PAUL PANAGI  Trevor Cox Geoff Boore Robert Holder Dennis Rolfe MARK HOLDEN  Phil Saynor David Miesner Chris Birch Don Stagg V  Central Sussex CC GS Stella CC Woking/Ellesley Bldrs. RACING TEAM EAST CC Woking/GEB Soafood Rawiey Wheelers Racing Team East Hounslow & Dist. Whis. Brighton Excelsion CC Gatwick Airport CT/Air-Ltd Bognor Regis CC Redmon CC Festival RC Bognor Regis CC Rawiey Wheelers CC Woking/GFB Seafoods Addiscombe CC Redmon CC Somer Valley CC Sotonia CC Paddington CC Somer Valley CC Vair Canada Sussex Nomads CC Crawley Wheelers V Shaftesbury CC Paddington CC Paddington CC Paddington CC Paddington CC Paddington CC Paddington CC Bedfordshire Road CC Paddington CC P	Don Awcock Paul Ridgers James Bradden EDDIE PAGE  Shane Faulkner Gerry Ashley Dave Prior John Yates (Trike) BOB DONINGTON  Kevin Shaw Anthony Wells John Howell CHRIS WORSFOLD  Richard Finch Martin Goggin Colin Newell Paul Fox PETER CROFTS  Mark Gidney Dave Worsfold Paul Cribb Richard Sparkes SIMON McCARTHY  John Wager Tim Dolphin Racing Tole Richard Sparkes SIMON McCARTHY  Don Mager Tim Dolphin Varior Martin Moon Chris Crocker PAUL PANAGI  Trevor Cox Geoff Boore Robert Holder Dennis Rolfe MARK HOLDEN  Pit Saynor David Miesner Chris Birch Don Stagg  V Central Sussex CC GS Stella CC Woking/Ellesley Bldrs. 1 Cambridge CC  Forawley Wheelers Acring Team East Hounslow & Dist. White. 1 LEO RC/SHORTER ROCHFORD  V Swindon Wheelers CC Woking/GFB Seafoods Addiscombe CC Gowking/GFB Seafoods Addiscombe CC Gowking/GFB Seafoods Addiscombe CC Festival RC Bognor Regis CC 1 Redmon CC Festival RC Bognor Regis CC 1 Redmon CC Festival CC Festival CC Festival CC Bognor Regis CC 1 Redmon CC Somer Valley CC 1 Crawley Wheelers 1 Paddington CC Crawley Wheelers 1 Pec CC Datford Wheelers V Shaftesbury CC Paddington CC 1 Padd	Don Awcock Paul Ridgers James Bradden EDDIE PAGE  Shane Faulkner Gerry Ashley Dave Prior John Yates (Irike) BOB DONINGTON  Kevin Shaw Anthony Wells John Howell Frank Russell CHRIS WORSFOLD  Richard Finch Martin Goggin Colin Newell Paul Fox PETER CROFTS  Mark Gidney Dave Worsfold Richard Sparkes SIMON McCARTHY  De Laune CC Dave Prior V Cambridge CC Bognor Regis CC 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Don Awcock	Don Awcock

DNS - At the request of the RTTC's National Committee, a reserve system is being tried in the men's event. Definite DNS's, please ring event secretary on Saturday afternoon so your start time may be reallocated to one of the ten reserves. Thank you.

Since printing page 1 and finalising the prize list, further donations have been received from:

DECON LTD. 100 orange highlighter pens,
value £110
to be given to the first 100 claimants,

and

COLTRONICS SYSTEMS LTD. 2 dry cell rechargers value £79.90

The prize list now totals £1,705.

1st in the men's event is now goods value £70 + £30.

1st in tandem event now goods value £40 + £20.

Increases in other awards.

Coltronics' dry cell recharger is great - ask the event secretary who bought one this year.

The charger is also being marketed by INNOVATIONS.

Buy one - do yourself a favour.....

## Rechargeables on the cheap!

odern British cycle lamps have a great appetite for batteries, which gives the regular night-time cyclist a strong incentive for limiting consumption of these expensive little chunks of chemical waste. Usually this means investing in nicads, but it is a well-kept secret that primary cells -- that's the throwaway variety -- can, in fact, be recharged.

According to an article by Alan Tong in Everyday Electronics (September 1991, for which I thank CTC member Alan Bradley of Belfast) this practice is officially encouraged in Japan, but as we know, the UK consumer is strictly instructed not to do so. Despite the warnings printed upon them, primary batteries do not explode if you attempt to charge them (but may do if you throw them on the fire). And while they might leak, this is only likely to happen during attempts to rejuvenate them in a charger intended for nicads. These push a direct current (dc) through the cell, which works all right on nickel-cadmium chemistry but produces disappointing results with zinc-carbon or alkali-manganese. To return these chemicals to their starting points requires a more subtle, two steps forward and one step back approach, in other words a biased alternating (ac) current.

In the article referred to above, Alan Tong actually recommends *five* steps forward: i.e. an ac current biased 5 to 1 in favour of charging. If this makes sense to you, you will also understand that the desired effect may be produced by connecting the cell in series with a transformer and two resistors, one of which (the larger one) is bypassed in the charging direction via a diode connected in parallel. Do not ask me for the circuit diagram: anyone with the necessary electrical knowledge to operate such a charger safely and efficiently will also know how to make one from these brief details!

But do not despair: thanks to a purpose-made dry cell charger just put on the market by Coltronics Systems Ltd. anyone may cock a snook at Ever-Ready et al. This system costs about four times as much as a simple nicad charger, but is much more sophisticated even than the circuit described above. It comprises a mains transformer unit into which may be plugged any one of four different sizes of battery holder: for paired AA, C, or D sized cells, or one PP3. Optimum charging conditions for each size are provided by 'state-of-the-art' electronics within the holder. With cyclists' needs in mind, Coltronics have produced a splitter lead so that two pairs of cells may be charged simultaneously.

Whereas a nicad is supposed to have 500 lives, you cannot expect to get so many reincarnations from a cell that's designed for a long life and then to rest in peace. But since they have a higher capacity than nicads, cost less in the first place and would otherwise have been thrown away, any amount of re-use must be a bonus. Coltronics claim that good quality alkaline cells can be given 20 to 40 new leases of life (compared to only eight or ten for zinc chloride) at 1½p per time using their charger. Charging times are of the order of three or four days, but as alkalines also last much longer this should not be a problem if you alternate two sets of batteries. (The device also charges nicads in the usual 14 to 16 hours.)

The accountant's 'bottom line' is far from easy to calculate – one has to make a lot of assumptions about actual depth of recharge and discharge conditions.

Nicads probably yield similar savings in the long run, with full-capacity (4.0Ah for D size) being substantially more economical than the ordinary (1.2Ah) variety. The main advantage of recharging alkalines is that you get the savings much sooner, do not have to recharge anywhere near so often, and can buy new batteries if you should run out.

The Coltronics dry cell recharger costs £39.95 including postage and one of each size battery holder. Separate prices for mains unit, splitter lead and individual battery holders are also available from Coltronics, 47 Hardwick Industrial Estate, Bury St Edmunds, Suffolk, IP33 2QH. Tel: (0284) 755600. – CJ