



**NORTHERN NAVIGATORS**  
 Handicap Score event at  
**Cong Burn**  
 Sunday, 3<sup>rd</sup> February 1991

SCORE - 45 minute, 27 controls

name	class	club	ctrls	time	pts
1. A.Morgan	M60	NN	12	44:34	240.00
2. D.Caudwell	M50	NN	14	45:33	193.14
3. S.Pattinson	M35	NEOA	19	48:38	184.14
4. E.Morgan	W55	NN	8	46:48	176.17
5. S.Dunn	W21	NEOA	15	48:33	172.43
6. H.Wilson	M40	NN	17	50:31	157.33
7. J.Solberg	M21	CLYDE	19	48:30	155.00
8. T.Beck	M55	SCS	9	45:20	142.42
9. N.Lord	M40	NN	11	42:58	132.00
10. R.Snowdon	M45	NN	10	43:58	130.00
11. S.Cordingley	M65	NATO	7	53:47	129.63
12. P.Snowdon	M17	NN	15	50:02	128.15
13. P.Smith	NN	M50	9	41:23	126.90
14. G.Rose	M15	NN	10	37:57	123.00
15. P.Puckering	M45	ind	10	45:59	122.31
16. A.Bailes	M40	SCS	11	46:54	116.17
17. B.Vecsey	M13	NATO	8	40:03	116.00
18. F.Sloan	W21	ind	9	45:35	115.19
19. C.Willis	W10	NN	5	54:26	112.24
20. J.Hilary	M35	ind	9	44:47	102.60
21. B.Pringle	M65	ind	5	49:51	98.41
22. L.Walker	M40	NATO	8	42:07	96.00
23. D.Harrison	M21	NATO	9	44:33	90.00
24. K.Frankish	M45	NN	9	48:52	87.00
25. D.Nesbitt	M40	ind	7	44:50	84.00
26. L.Johnson	W13	NN	5	43:27	83.50
27. R.Whitehead	M21	NN	18	54:41	83.00
28. S.Vecsey	W35	NATO	5	46:08	70.86
29. T.Booth	M10	NN	3	31:00	65.10
30. J.Buchanan	W21	NATO	5	45:07	65.00
31. J.Kelly	M40	ind	5	44:57	60.00
32. J.Shaw	M40	ind	6	46:27	59.50
33. J.Pringle	M21	ind	13	52:04	59.00
34. R.Rose	W40	NN	5	50:04	50.21
35. HF.Bliss	W40	NN	3	39:51	48.90
36. L.Buchanan	M21	NATO	8	48:23	46.00
37. I.Wilson	M21	KNOB	17	57:59	40.00
38. A.Atkinson	M40	ind	12	57:35	39.00
39. M.Vecsey	M40	NATO	10	55:07	35.00
40. A.Craig	M35	NN	5	47:46	32.44
41. A.Boswell	M19	NN	27	76:33	30.61
42. F.Craig	W10	NN	8	104:50	25.45
43. R.Cooper	M40	ind	11	58:12	22.00
44. H.Kelly	W13	ind	3	49:40	21.96
45. M.Thompson	M21	CLOK	6	49:10	18.00
46. M.Brett	M40	NN	6	52:40	7.83
47. E.Wyatt	W21	ind	7	62:33	-39.23
48. P.Metcalf	M21	KNOB	8	57:17	-43.00
49. A.Robe	M40	ind	7	60:55	-49.33
50. C.Webber	M15	NN	10	160:33	-816.84
51. RW.Lawson	M35	NN	10	159:25	-890.39
<i>non-competitive</i>					
D.Jones+1	W35	ind	3	42:11	34.20
Fleming+3	M13	NN	11	93.30	-174.98
<i>disqualified / retired</i>					
I.Puckering	M17	ind	-	--	retired
R.Grey	M45	NATO	-	--	retired
P.J.Bliss	M55	NN	-	--	retired

**Officials:**

Organiser - Grahame Rose  
 Planner - Andrew Philipson  
 Controller - Frank Major (NN)

**Organiser's comments - Grahame Rose**

Thanks to all helpers and competitors who chanced their reputation and / or better instincts upon being associated with a new style of event in this area.

The only hitch was erecting the finish tent (thanks to Bob Johnson for the use of his built in step ladders).

The event seemed to happen without any real problems, not that I have any objections. Most probably this achievement had nothing to do with good luck, but more the expertise of the controller and planner shining through.

**Planner's comments - Andrew Philipson**

The first unusual feature of this event was that I tried to follow the scheme proposed by Bob Johnson for equal value, but 'clustered', controls. I am reasonably satisfied that I achieved a fair distribution with 7 more or less single controls, 8 paired controls and one cluster of 4 controls.

The second unusual feature was that competitors were handicapped according to their BOF age class. The starting point was the table of ratios published in CompassSport by Nigel Thompson about six years ago. This gives the speeds for all class winners in relation to M21 speed. The points accumulated by a competitor were multiplied by the reciprocal of the 'Thompson Speed Ratio'. Any penalty points were divided by the same factor so that an M10 for example would only have penalty points awarded at 46% of the rate of an M21. In order for this system to work well there had to be the running time for everyone. As I reckoned that the optimum route round all 27 controls was 5.8km, a good M21 doing 7.5 mins/km would get round in 43.5 minutes. Hence the 45 minute running time, which a number of people criticised as being too short.

The results seem to bear out the system in that Alan Morgan, although not yet ranked in M60, was effectively the highest ranked competitor present. In a technically difficult area the 'Thompson' factors would not be fair on juniors as they were computed from results where juniors were running on courses of difficulty appropriate for their age. In a normal score event young juniors are catered for by placing low value controls at easy sites. As I could not have low values I compromised and placed more of the single controls near the start / finish on point features but very close to paths. Controls on paths at Cong Burn are very liable to disappear anyway. On this subject we lost control number 14 over night and control number 8 in the course of the competition.

The final feature worthy of comment is the overprinting of the courses by use of a computer driven plotter. I made the mistake of supervising the setting up and plotting of the first proof, which I was very pleased with, but then not supervising the production run. The result was that the register wandered excessively - but was still better than most people would have drawn by hand from master maps.

**Controller's comments - Frank Major**

This was my first attempt at controlling. Andrew's proposal for a handicap score system based upon Nigel Thompson's publication seemed fine. Who was I to suggest otherwise?

The course plan brought into use areas of Cong Burn previously in unexplored territory. Those who ventured into the steeply sided ravine at the south west corner of the map earned their points.

Grahame's computer system to run the handicap calculation worked well under the control of expert hands. As far as I can judge competitors seemed to enjoy their 45 minutes exposure to the wilds of Waldrige. Indeed some complained that they could have done with more. It is a pity that it is so vandal prone, with half an hour to go we discovered a control was missing from a fairly isolated location - it merely goes to show what folk will do to collect a trophy. Many thanks to all concerned for their contribution to the event.

Comments on these results to - robmckenna193@gmail.com