


The Bulldog Rally is a round of:

The National Rally Championship

Organised by: 

Supported by:     


and Incorporating:
The Ralliart
Evolution Challenge,



and Initiative 2000




The 'MSA' British Historic Rally Championship 2001


Organised by: 

Supported by:   

Incorporating the HRCR Historic Rally Challenge

The Competition Car Insurance Welsh National Rally Championship 2001

Organised by: 

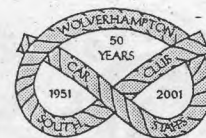
Supported by: 

Past Winners of the Bulldog Rally

1958	Tony Fisher / Jim Thomas	Austin A35	1981	Henri Toivonen / Fred Gallagher	Talbot Sunbeam
1959	Bill Bengry / Pete Roberts	Simca Montlhay	1982	Marku Allen / Ilkka Kivimaki	Lancia 037
1960	Tom Gold / Stuart Turner	Austin Healey Sprite	1983	Michelle Mouton / Sue Baker	Audi Quattro
1961	Brian Harper / Ron Crellin	Morgan	1984	Malcolm Wilson / Nigel Harris	Audi Quattro
1962	Pat Moss / David Stone	Saab	1985	Tony Pond / Rob Arthur	MG Metro 6R4
1963	Tony Fisher / Brian Melia	Austin Cooper	1986	Stig Blomqvist / Bruno Berglund	Audi Quattro
1964	Reg McBride / Don Barrow	Ford Anglia	1987	David Gillanders / Ken Rees	MG Metro 6R4
1965	David Frizwell / Richard Binns	Mini Cooper 'S'	1988	Russell Brookes / Neil Wilson	Sierra Cosworth
1966	Malcolm Gibbs / Randell Morgan	Ford Cortina GT	1989	David Llewelin / Phil Short	Toyota GT4
1967	Tony Chappell / Hywell Thomas	Lotus Cortina	1990	Russell Brookes / Neil Wilson	Sapphire Cosworth
1968	Colin Malkin / John Brown	Hillman Imp	1991	David Llewelin / Mike Corner	Nissan Sunny GTi-R
1969	John Bloxham / Richard Harper	Escort Twin Camr	1992	Colin McRae / Derek Ringer	Subaru Legacy
1972	Pat Ryan / Mike Nicholson	Mini Cooper 'S'	1993	Malcolm Wilson / Bryan Thomas	Ford Escort Cosworth
1974	Tony Drummond / Dave Richard	Ford Escort RS	1994	Malcolm Wilson / Bryan Thomas	Ford Escort Cosworth
1975	Tony Fowkes / Brian Harris	Ford Escort RSly	1995	Chris Mellors / Brian Goff	Ford Escort Cosworth
1976	Russell Brookes / John Brown	Escort Mexico	1996	Steve Hill / Stella Boyles	Mitsubishi Lancer E3
1977	Pentti Airikkala / Jon Gittins	Vauxhall Chevette	1997	Marcus Dodd/ Stephen McAuley	Ford Escort Cosworth
1978	Pentti Airikkala / Mike Nicholson	Vauxhall Chevette	1998	Alister McRae / David Senior	Subaru Impreza WRC
1979	Ari Vatanen / Dave Richards	Ford Escort RS	1999	Garry Smith / Andy Wynne	Ford Escort Cosworth
1980	Jimmy McRae / Mike Nicholson	Vauxhall Chevette	2000	Kenny McKinstry/Noel Orr	Subaru Impreza



The Bulldog Rally



OPERATIONS MANUAL

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The Rally Bulldog



TELEPHONE NUMBERS

Headquarters – Albrighton Hall Hotel 01939 291000
and ask for the Rally Help Desk

Mobile phone numbers

Vaughan Allcock	07836 676334
Nick Bloxham	07885 786285
Dave Bowlas	07740 173672
Jim Cornes	07721 020509
Alan Corns	07778 599111
Nigel Dawes	07880 798704
Richard Felgate	07808 094390
John Griffiths	07889 438613
Harold Hicken	07731 240064
Dave Houghton	07973 443410
Jayne Houghton	07773 659017
Andrea Johnson	07748 365668
Mervyn Johnson	07855 815714
Sarah Jones	07774 908297
Ray Lloyd	07771 976844
Jim Male	07905 053795
Bob Newell	07799 117466
Kevin Page	07714 232424
Gemma Price	07968 848998
Dilys Rogers	07801 967072
Phil Swanborough	07715 510690
Dave Talbot	07710 947117
Phil Turley	07831 406085
Gareth Thomas	07977 721431
John Trevethick	07718 919171
Kevin Witton	07767 453664

Sponsored by - Bulldog Security Products Ltd., Much Wenlock, Shropshire
Organised by - Wolverhampton and South Staffordshire Car Club Ltd.

OFFICIAL CALL SIGNS

Spectator Control Car (PHIL TURLEY / KEVIN WITTON)	SPEC 1
Course Car (GARETH THOMAS / IAN JORDAN)	WOLF 2
Clerk of the Course (Nat B) (RAY LLOYD / SALLY LLOYD)	WOLF 1
Course Closing Car (ALAN CORNS / DAVE HOUGHTON)	ACORN 1
Safety Officer (KEVIN PAGE) (Mobile: 07714 232424)	WOLF 3
Safety Officer (MERVYN JOHNSON / IAN PICTON ROBINSON)	WOLF 9
Chief Marshal (RICHARD FELGATE)	WOLF 4

COMMUNICATION CONTROL Llangywer/Penllyn

HAROLD HICKEN
CLIP CONTROL

DYFI BLOCK (CONTROL) DAVE ALLSEBROOK

CLIP RELAY

DYFI BLOCK (LINK) DAVE ALLSEBROOK

OAK LINK

DYFNANT DAVE GOODWILL

CLIP LINK

AREA CONTROLLERS

LLWYDIARTH	DAVE TALBOT	WOLF 12
GARTHEINIOG	JOHN GRIFFITHS	WOLF 8
DYFI MAIN	NIGEL DAWES	WOLF 14
PANTPERTHOG	JOHN MALE	WOLF 10
LLANGWYER I	PENLLYN ROB RICHENS	WOLF 15
DYFNANT	JIM CORNES	WOLF 11

HELICOPTER SUPPORT UNIT CONTACT VIA SAFETY OFFICER - KEVIN PAGE ON
REQUIREMENT CONFIRMED BY DOCTOR OR PARAMEDIC.

SHREWSBURY

Not to Scale

ALBRIGHTON HALL HOTEL
RALLY HQ, DOCUMENTATION
REFRESHMENTS, RESULTS,
PRIZEGIVING

TRAILER PARK
LOOSEMOORS
HAULAGE YARD

From Stage 8 &
DOLGELLAU

FINISH
SHROPSHIRE LAD

DISINFECTION POINT
LIVESTOCK MARKET

**PARKING &
NOISE TEST**

SCRUTINEERING

Measured Mile

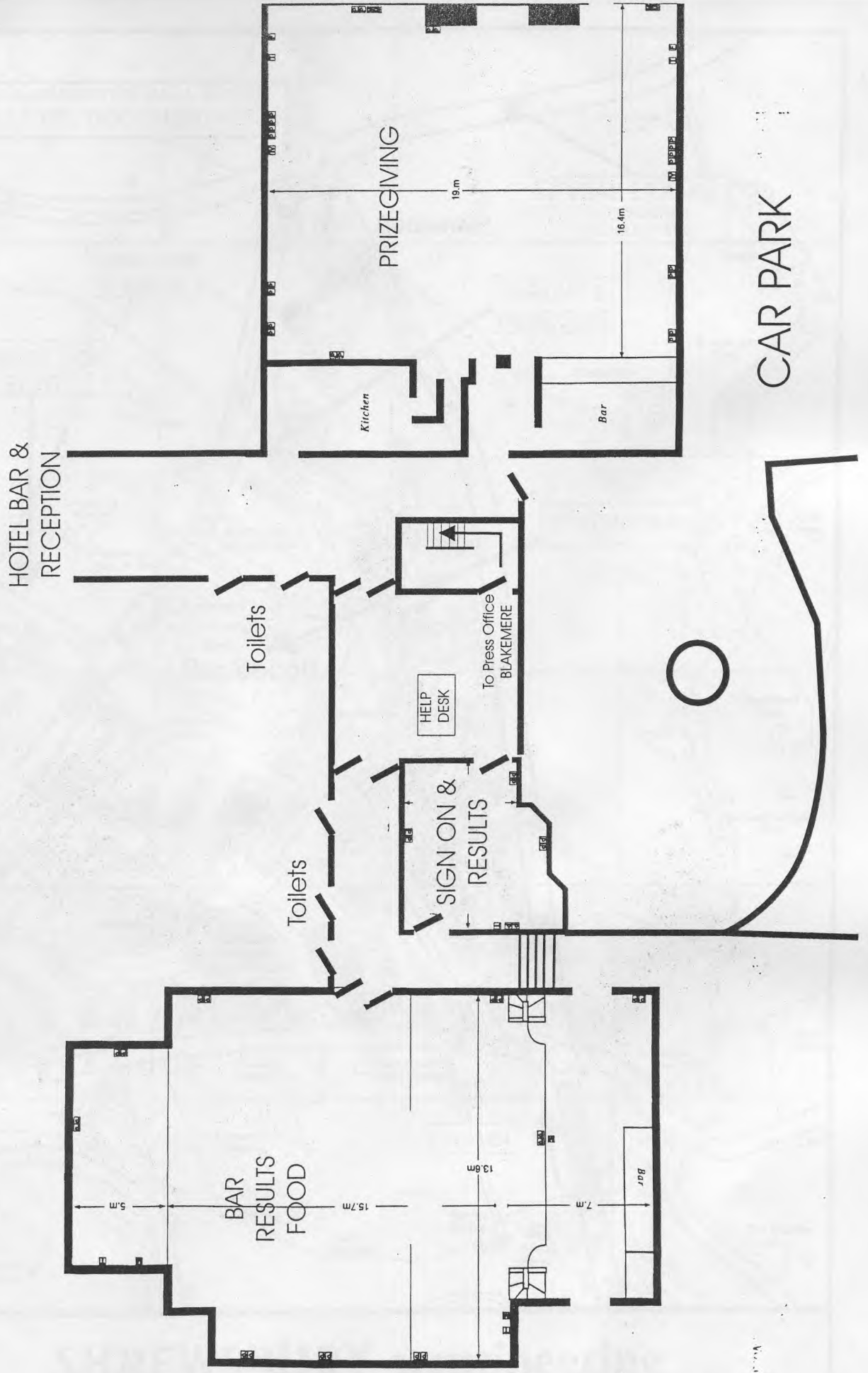
SHREWSBURY

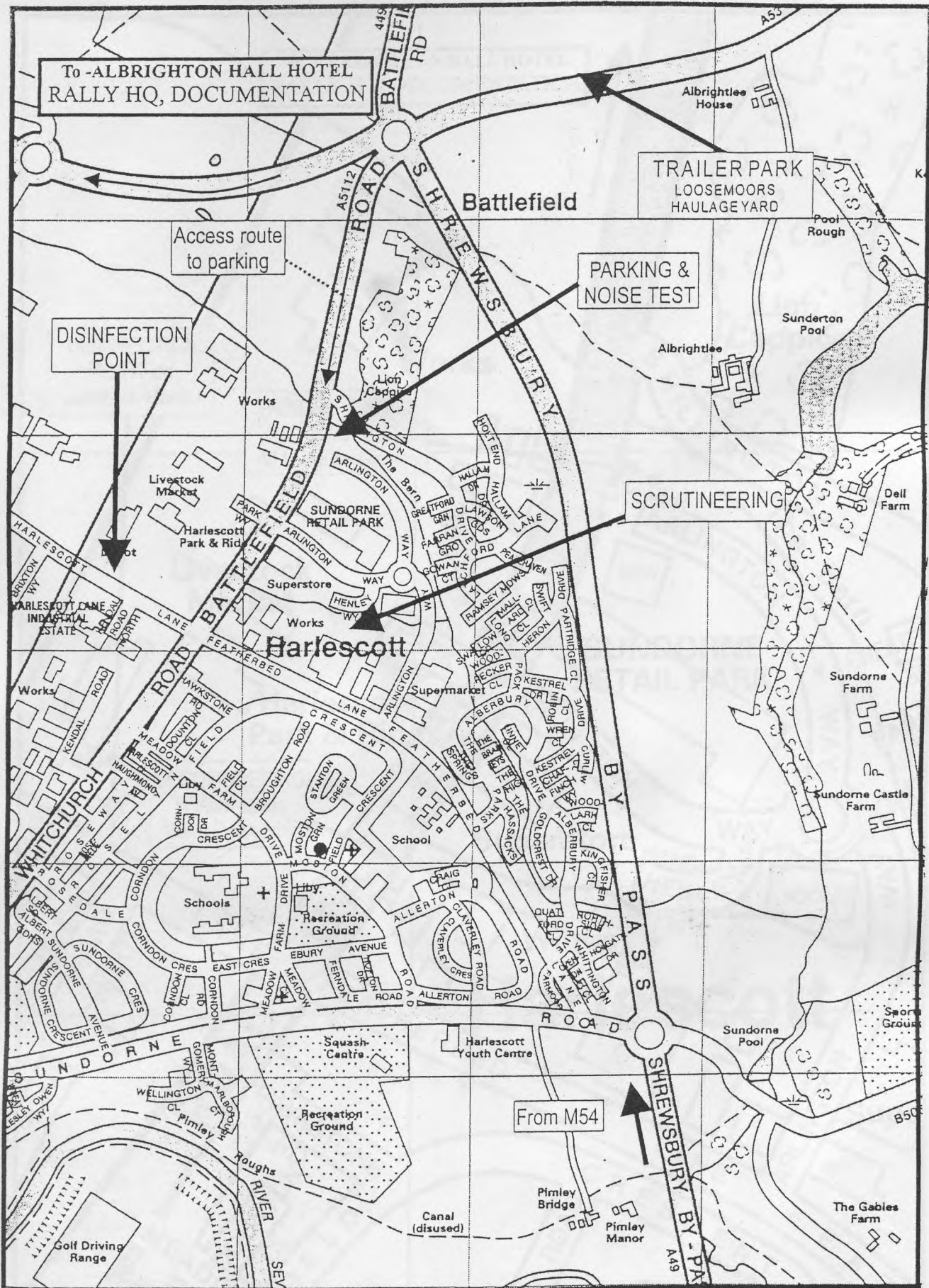
To START

From M54

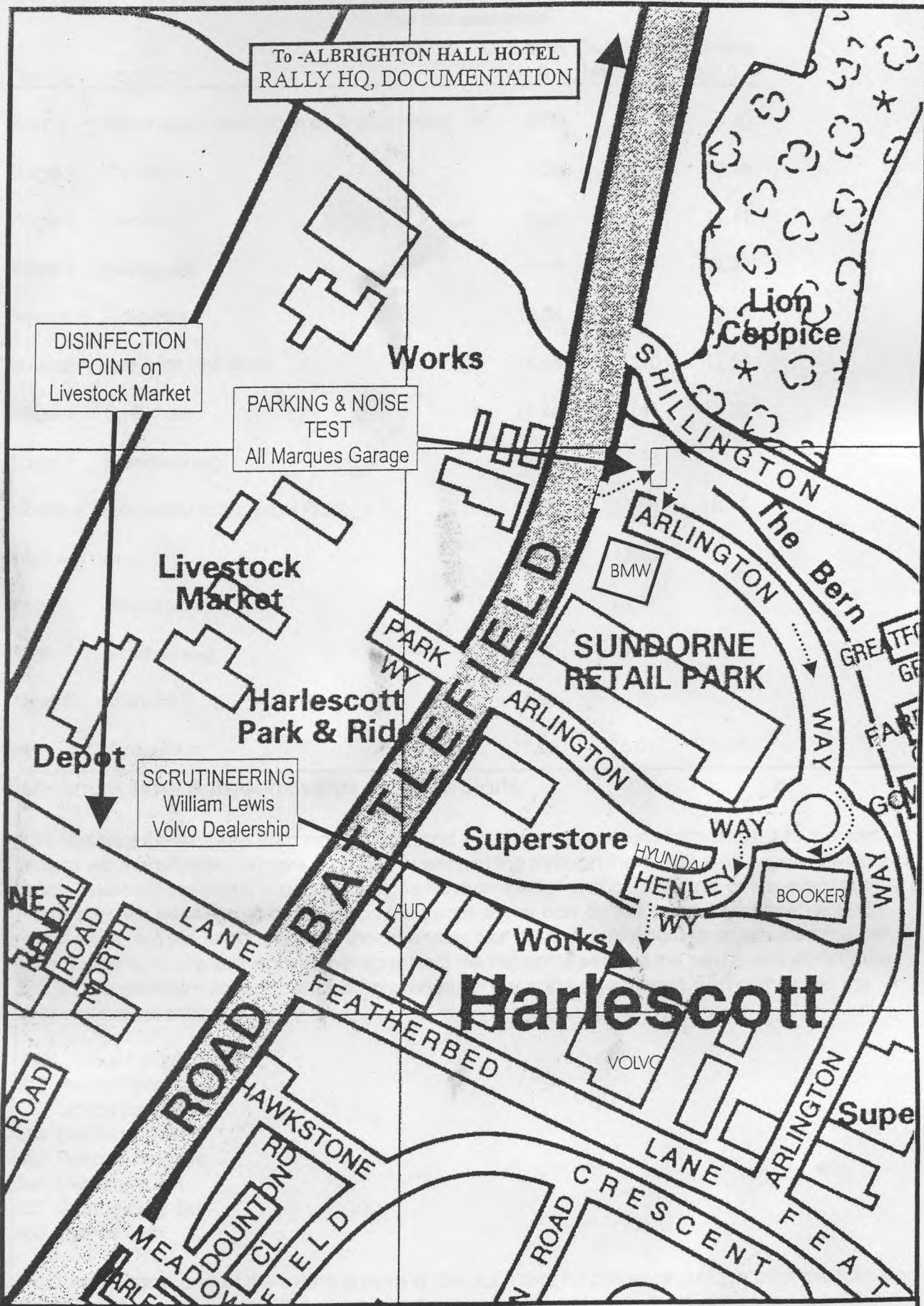
BULLDOG RALLY 2001

ALBRIGHTON HALL HOTEL





SHREWSBURY scrutineering
BULLDOGRALLY 2001



SHREWSBURY scrutineering (detail)

BULLDOGRALLY 2001

How the events run

Control	Location	Due time	Due time	Due time
		Nat A	Historics	Nat B
Start	Welshpool (Bulldog Rally & Clubmans)	8.00		9.40
Stage 1	Dyfnant 1	8.38		10.18
Stage 2	Penllyn	9.31		11.11
Stage 3	Llangywer	9.48		11.28
Service A	Dolgellau	10.35		12.15
Service A out (Historics Start)		11.15	10.10	12.55
Stage 4	Dyfi Main	11.46	10.41	13.26
Stage 5	Pantperthog	12.18	11.13	
Service B	Dolgellau (Clubmans Finish)	13.03	11.58	14.13
Service B out		13.43	12.38	
Stage 6	Llwydiarth	14.16	13.11	
Stage 7	Gartheiniog	14.40	13.35	
Stage 8	Dyfnant 2	15.30	14.25	
Finish	Shrewsbury	17.06	16.01	15.48

Minimum Time Between Events At Stage Starts

The National B event runs from stage 1 to 4, and the Historic event runs from stage 4 to the end. All stages will therefore have more than one event passing through them. The leading competitors of each event will traverse the stages much faster than the tail end competitors of the event in front of them and we must ensure that they do not catch slower cars on the stage. Therefore, on each forest stage the stage commander should ensure that there is a minimum time between the last competitor of one event starting the stage and the first competitor of the next event starting the stage. The minimum time depends on the length of the stage and there is a list of them for the relevant stages below.

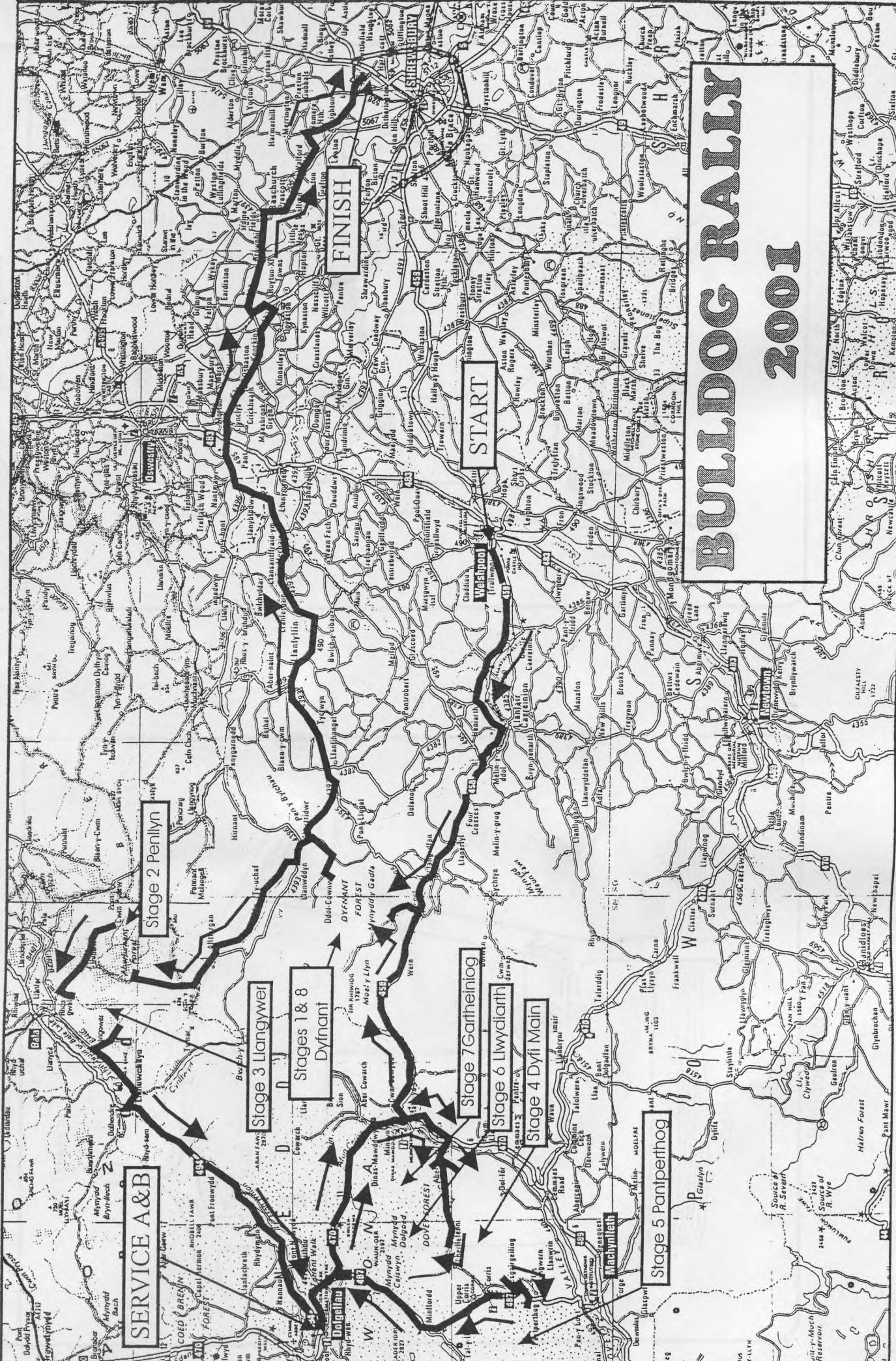
- SS1 Dyfnant 6m
- SS2 Penllyn 5m
- SS3 Llangywer 3m
- SS4 Dyfi Main 7m
- SS5 Pantperthog 5m
- SS6 Llwydiarth 4m
- SS7 Gartheiniog 5m
- SS8 Dyfnant 6m

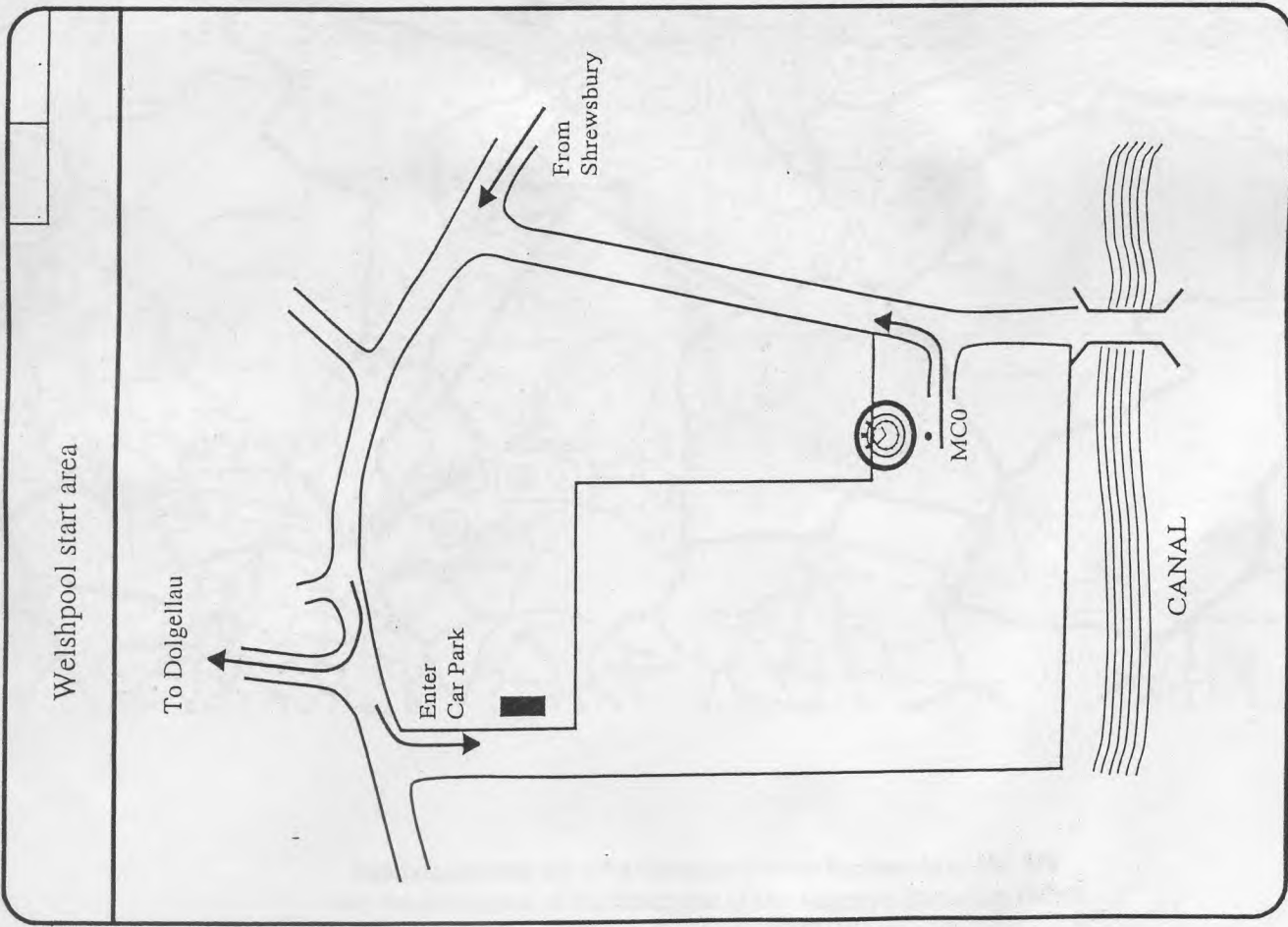
If a competitor in one of the events is running late such that he arrives at a stage after the following event has started the stage, the stage commander should make a judgement on the gap that should be given between the competitor running late and the following car. Obviously, the faster the following car is likely to be, the longer the gap will need to be. If it can be seen that a smaller gap could be left by holding the car running late for a few minutes (in dead time) such that he starts the stage in front of a slower car then please do so. He will lose nothing by spending a few more minutes in dead time and it would benefit the event by not introducing a delay in it.

ROUTE DEFINED BY REFERENCE

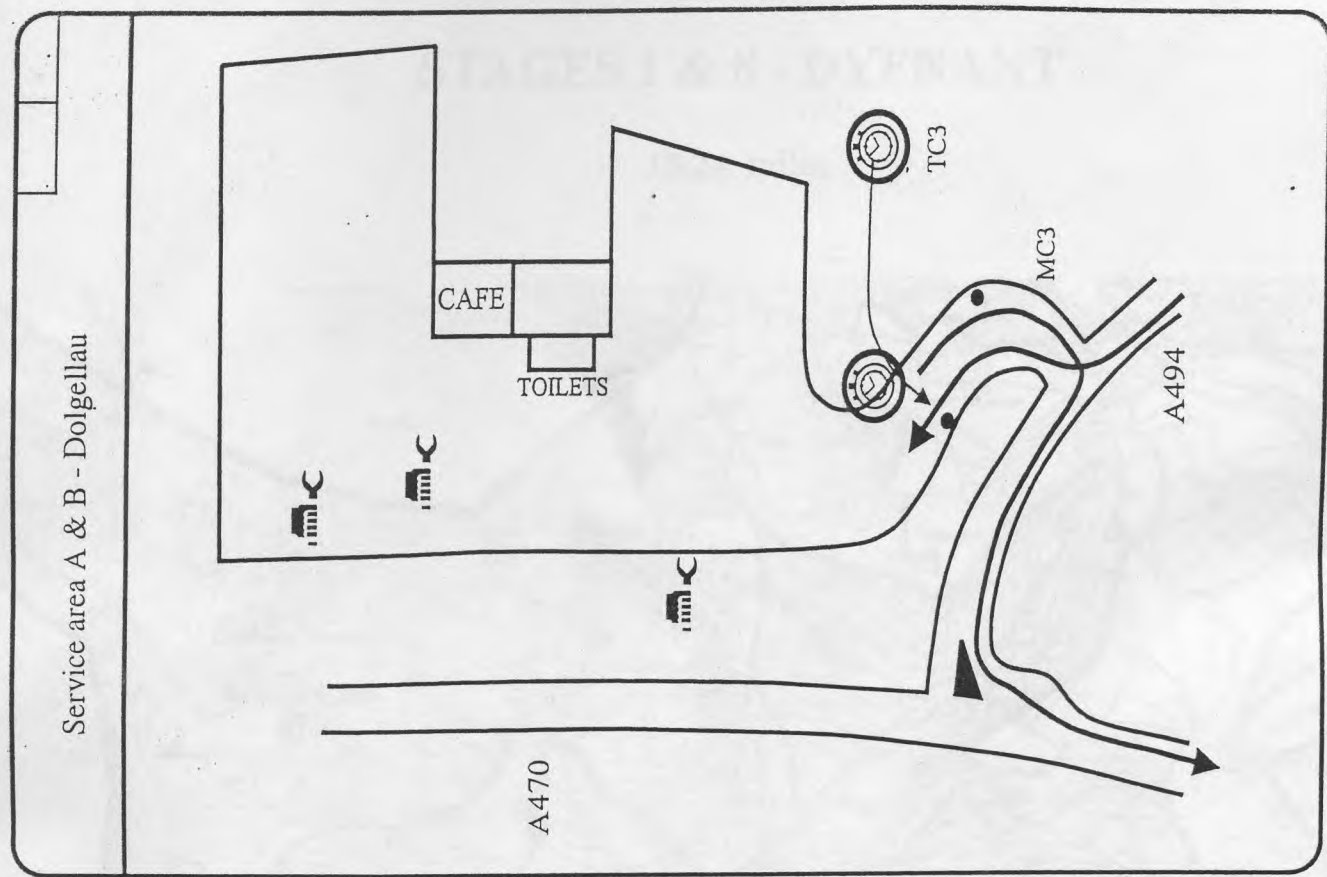
ROUTE	INFORMATION	MAP REFERENCE		APP	DEP
	Assembly point	126/	226075	NW	
MC0			227075½		NW
via			225076	NE	NW
via		125/	103½066	NE	SW
ATC1	Stage 1 - Dyfnant 1		989½134	SW	
FTC1			008164		SW
via			001156	N	SE
PC1			015174	SW	E
via			035½182	S	NW
via			964242	E	NW
via			953½298½	NW	NE
ATC2	Stage 2 - Penllyn		954301	SW	
FTC2			972317		NW
via			966½324	S	W
PC2			956329	SE	S
ATC3	Stage 3 - Llangywer		956323	N	
FTC3			925310		W
PC3			904½323	E	S
TC3	Service A - Dolgellau	124/	734½181½	NE	
MC3	Dolgellau service out		734½181½		SW
via			845½099	SE	NW
ATC4	Stage 4 - Dyfi Main		819½105	N	
FTC4			756½069½		SW
PC4			755060½	NW	SW
via		135/	748045	S	NW
ATC5	Stage 5 - Pantperthog	124/	736½054	S	
FTC5			744056		SE
PC5		135/	748042½	N	E
TC5	Service B - Dolgellau	124/	734½181½	SW	
MC5	Dolgellau service out		734½181½		SW
via			845½099	SE	NW
via			815105	NE	W
ATC6	Stage 6 - Llwydiarth		805111	NE	
FTC6			797½113½		SW
PC6			811106	W	NW
ATC7	Stage 7 - Gartheiniog		827108½	W	NW
FTC7			811½115½		S
PC7			832104	N	SE
via			845½099	N	SE
via		125/	991115	W	NW
ATC8	Stage 8 - Dyfnant 2		989½134	SW	
FTC8			008164		SW
via			001156	N	SE
PC8			015174	W	E
via			035½182	S	NE
via			172184	NW	NE
via			282241	NW	SE
via			365½217	W	NW
via			424½222	W	S
via			475½187	W	S
via			497½165	N	E
via			511157	NW	NE
MC8	Finish control		511158	SE	

BULLDOG RALLY 2001





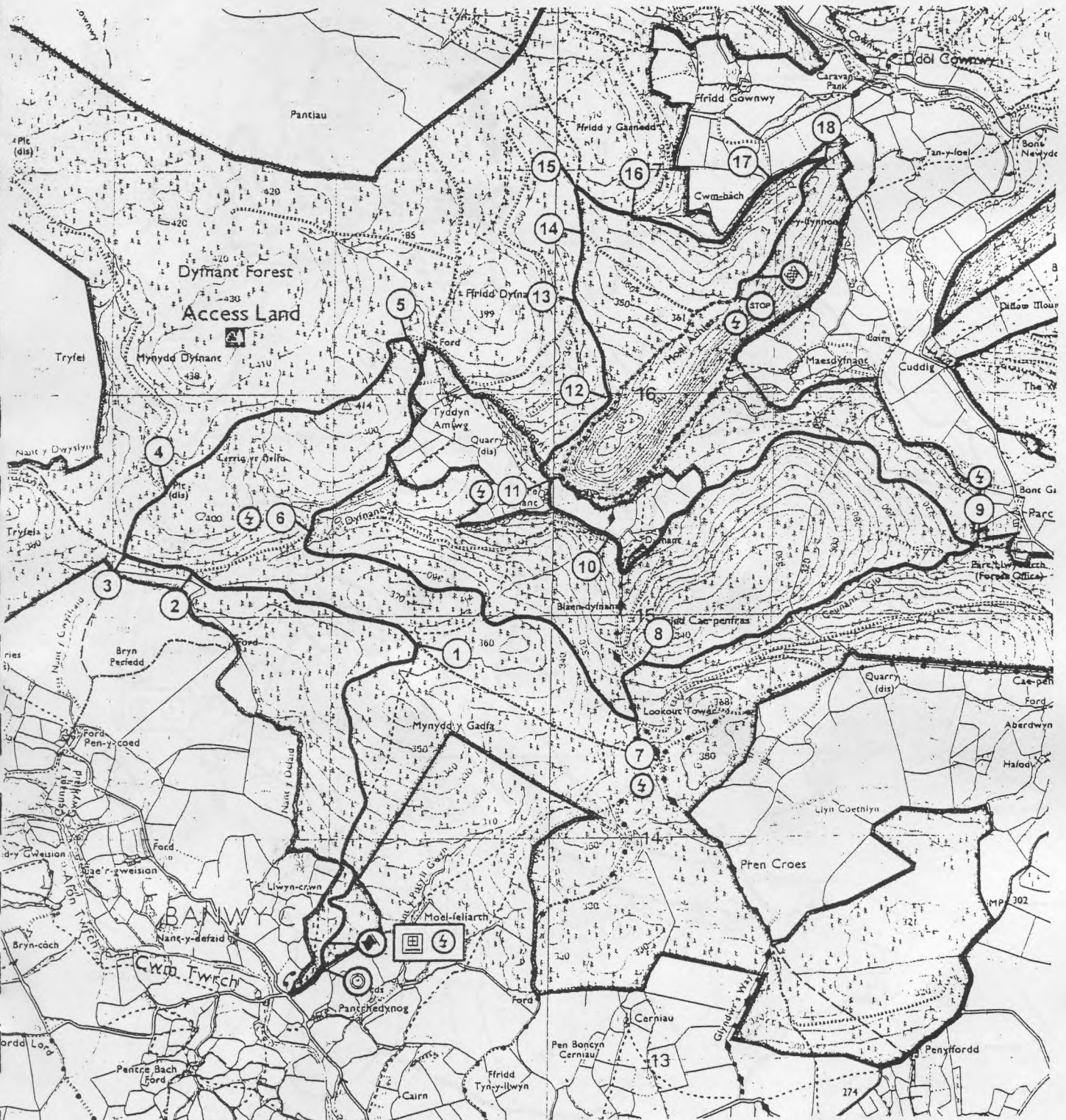
Bulldog Rally 2001



Bulldog Rally 2001

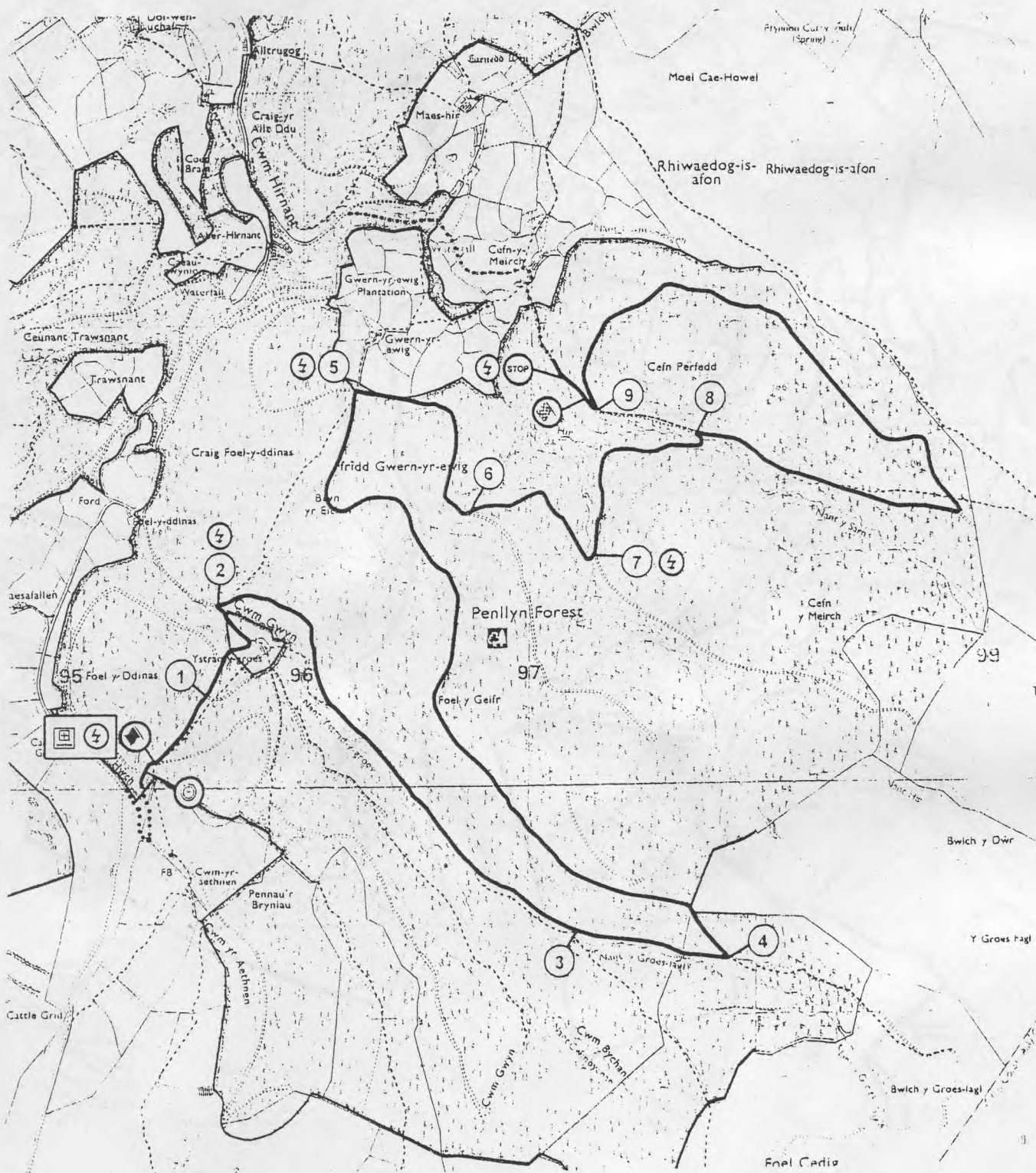
STAGES 1 & 8 - DYFNANT

10.24 miles



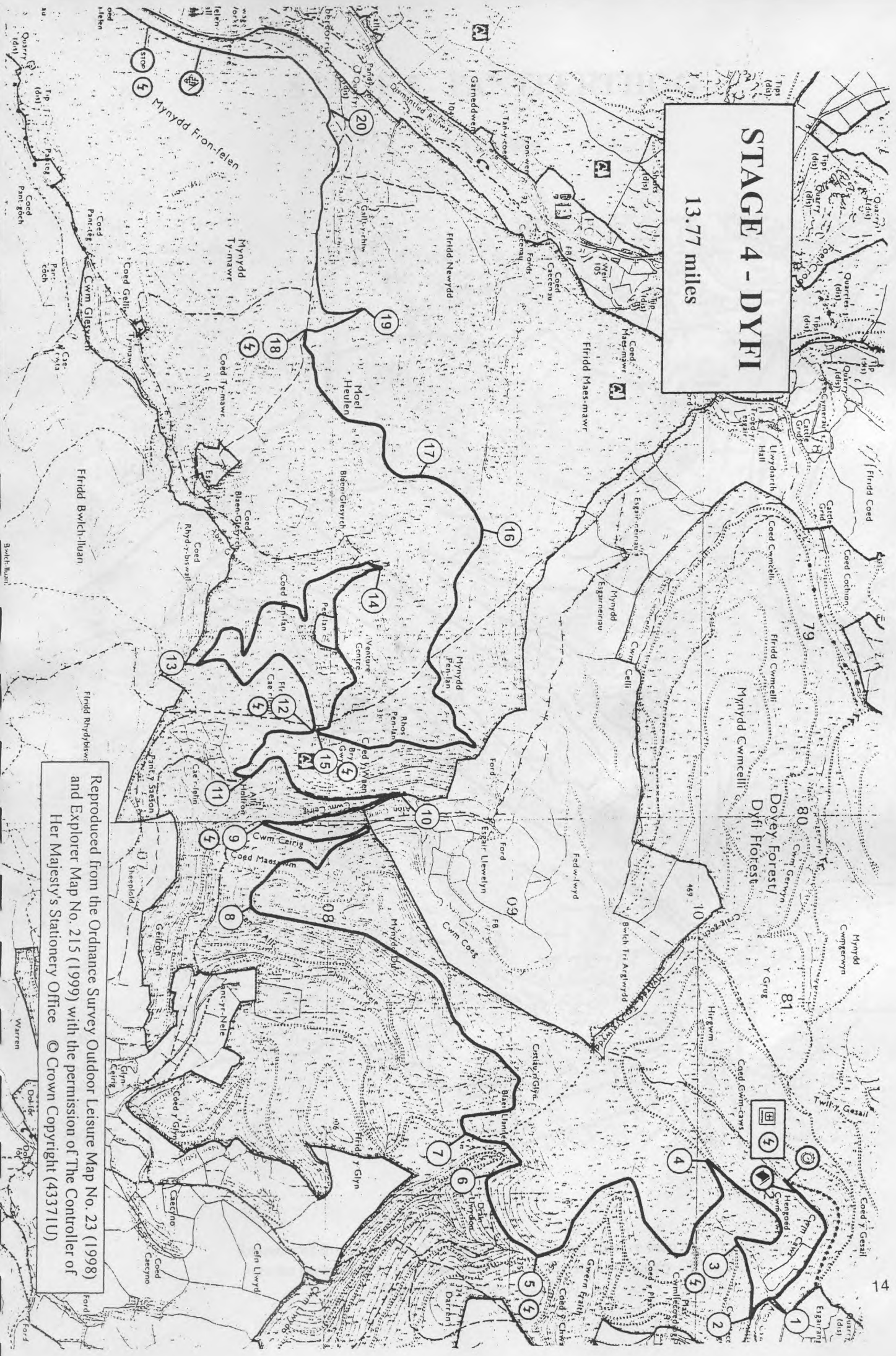
STAGE 2 - PENLLYN

8.61 miles



STAGE 4 - DYFI

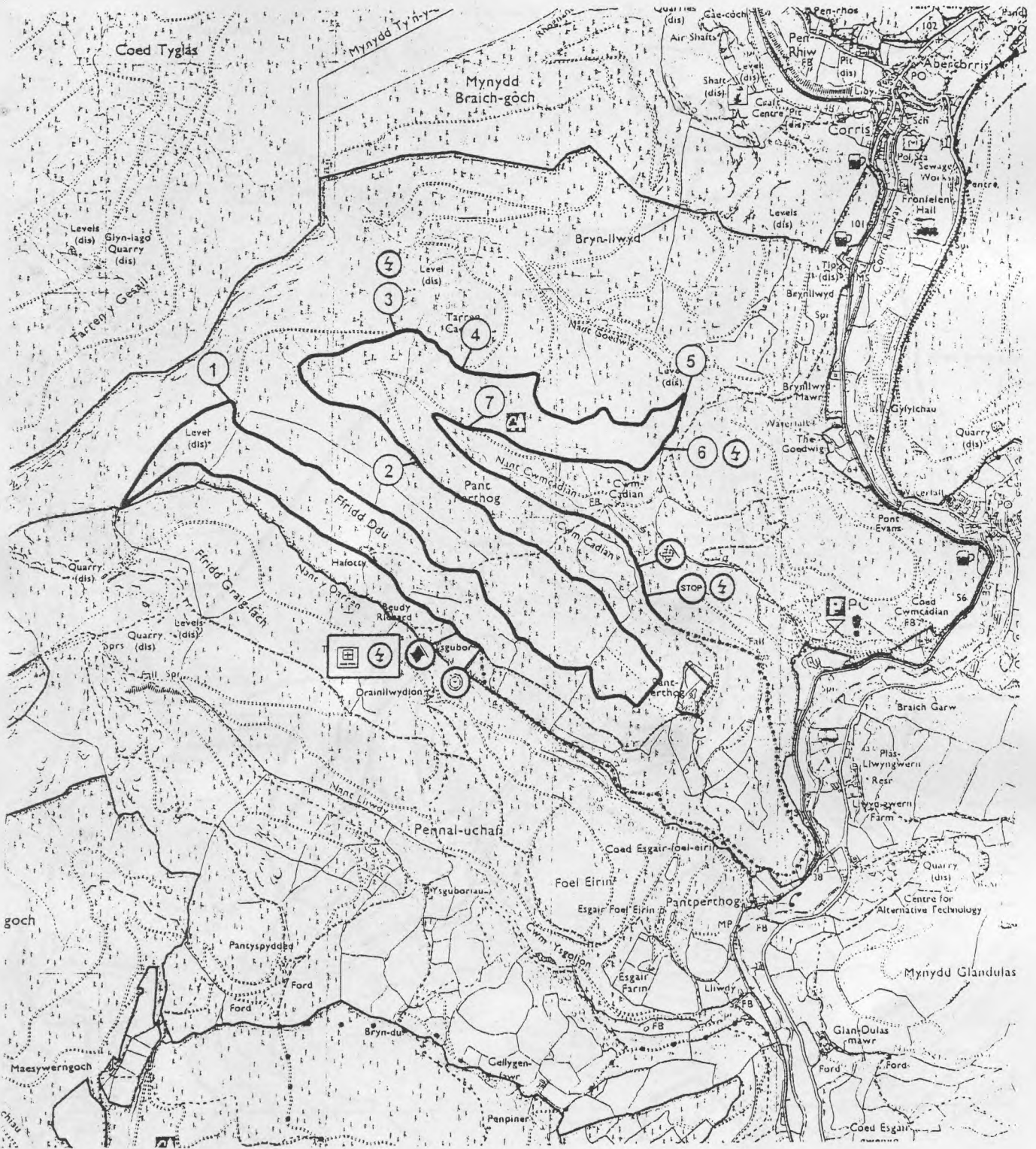
13.77 miles



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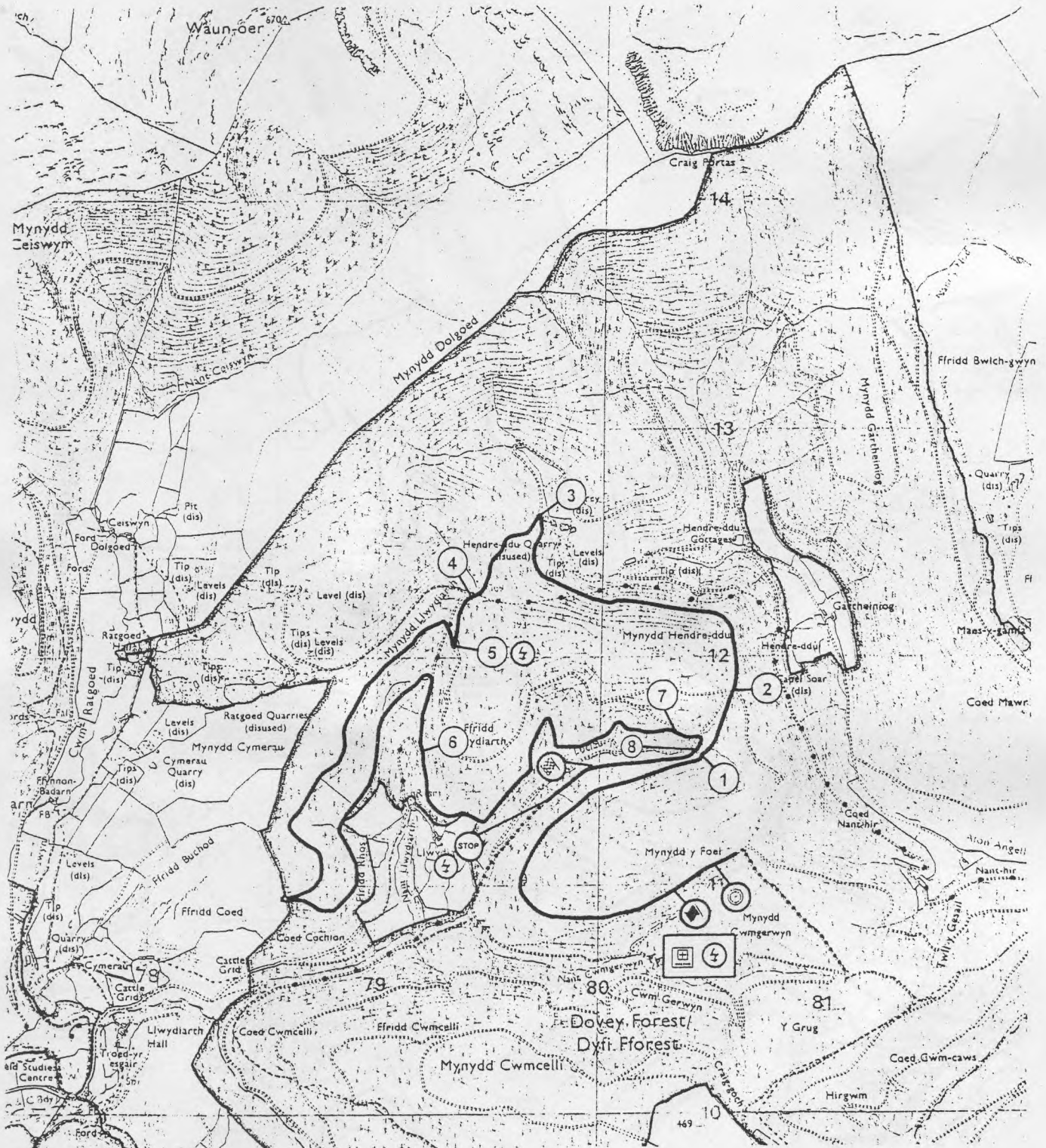
STAGE 5 - PANTPERTHOG

7.32 miles



STAGE 6 - LLWYDIARTH

6.52 miles



STAGE 7 - GARTHEINIOG

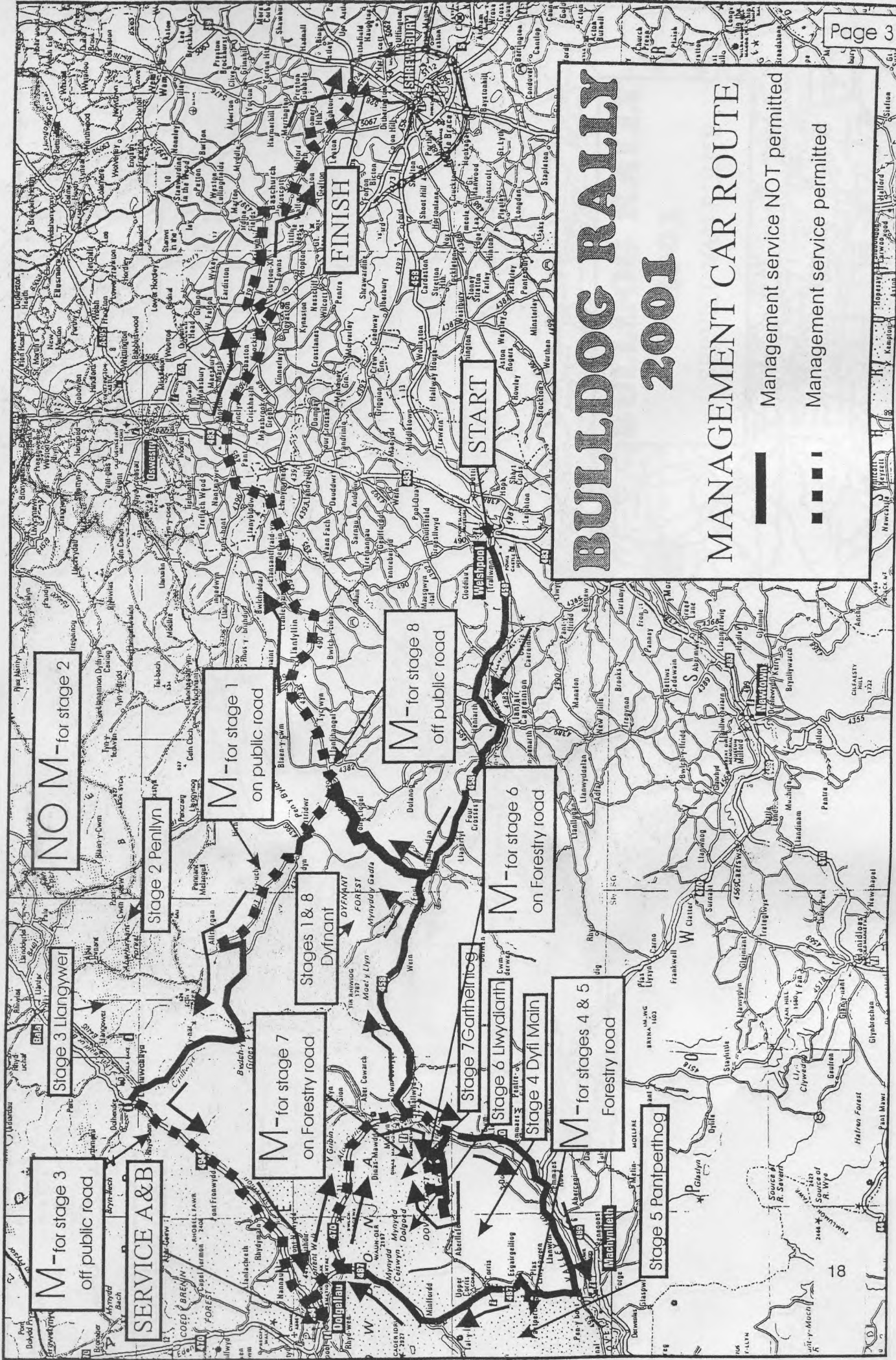
7.18 miles

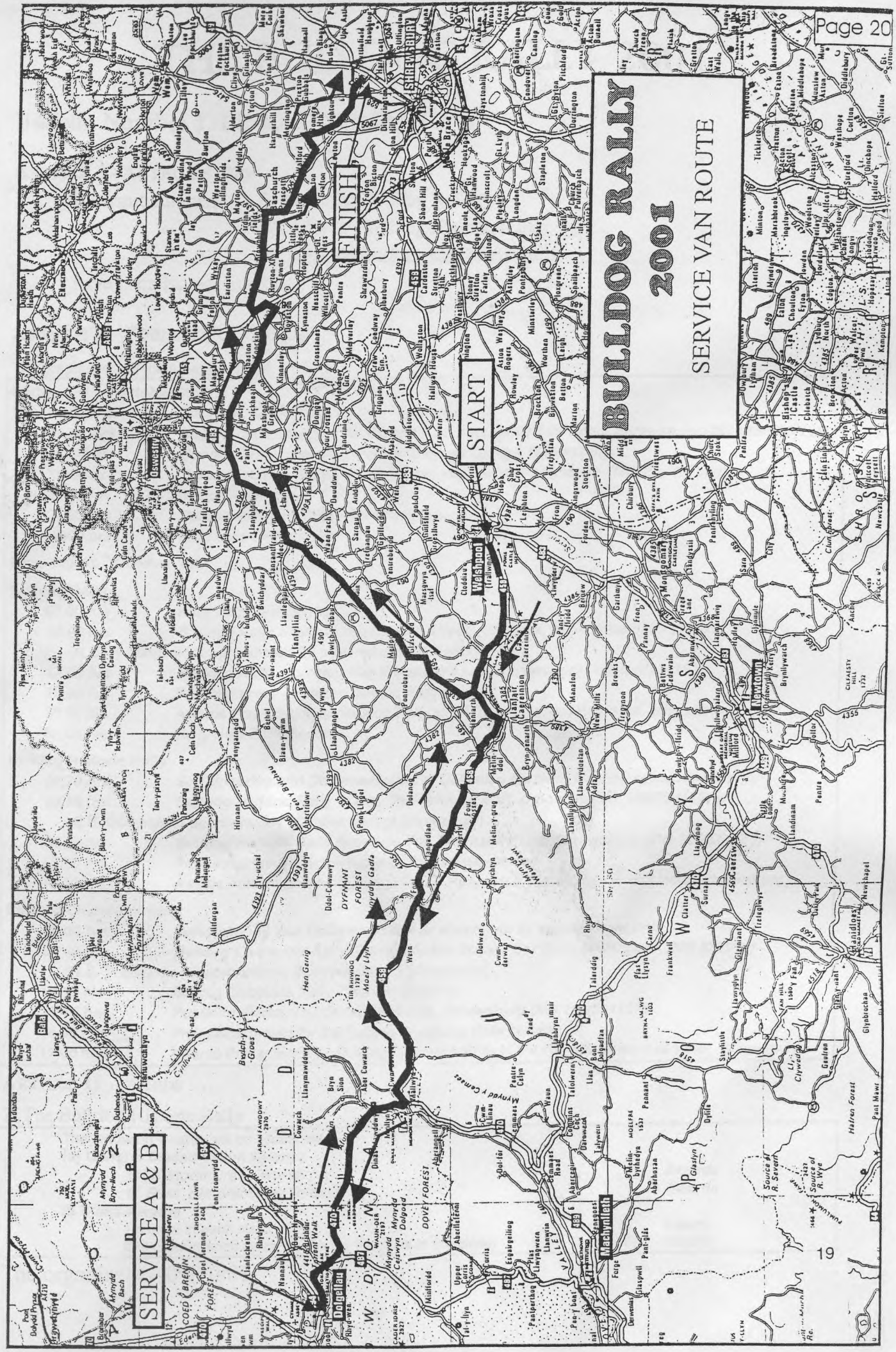


BULLDOG RALLY 2001

MANAGEMENT CAR ROUTE

- Management service NOT permitted
- ■ ■ ■ Management service permitted





BULLDOG RALLY

2001

SERVICE VAN ROUTE

START

FINISH

SERVICE A & B

THE BULLDOG RALLY 2001

Bulletin Number 1 -FINAL INSTRUCTIONS

ARTICLE 3 - AUTHORISATION

3. The Permit numbers 8624 for the Bulldog Rally
 8625 for the Bulldog Historic Rally
 8626 for the Bulldog Clubmans Rally

have been issued.

ARTICLE 5 – FORMAT (REVISED)

The programme of the meeting will be:

Friday 19th October 2001

- 09.00 hrs Rally Help Desk opens
16.00 hrs *Noise Check opens at All Marques Garage, Battlefield Road, Shrewsbury (MR 126/514½162)*
16.30 hrs *Scrutineering opens at William A. Lewis Garage Shrewsbury.*
16.30 hrs *Documentation opens at Albrighton Hall Hotel, Shrewsbury (MR 126/497180)*
20.30 hrs Noise Check closes
21.00 hrs Scrutineering and Documentation close
22.00 hrs Rally Help Desk closes

Saturday 20th October 2001

Bulldog Rally

- 07.00 hrs Rally Help Desk opens
08.00 hrs *Bulldog Rally Starts in the Church Street, Car Park, Welshpool, (MR 226075)*
 (N.B. Welshpool is approximately 20 miles west of Shrewsbury)
17.00 hrs *Bulldog Rally Finishes, The Shropshire Lad, Shrewsbury (MR 126/511157)*
19.30 hrs Provisional results for the Bulldog Rally posted
20.30 hrs Awards Presentation for Bulldog Rally at the The Albrighton Hall Hotel, Shrewsbury
22.00 hrs Rally Help Desk closes.

Bulldog Historic Rally

- 08.30 hrs *Scrutineering and Documentation at Dolgellau Farmers Mart by appointment only*
10.10 hrs *Bulldog Historic Rally Starts, The Farmers Mart, Dolgellau (MR 126/734½181½)*
 (N.B. Dolgellau is approximately 60 miles west of Shrewsbury)
16.00 hrs *Bulldog Historic Rally Finishes, The Shropshire Lad, Shrewsbury (MR 126/511157)*
17.30 hrs Provisional results for the Bulldog Historic Rally posted
18.00 hrs Awards Presentation for Bulldog Historic Rally at the The Albrighton Hall Hotel, Shrewsbury

Bulldog Clubmans Rally

- 08.00 hrs *Scrutineering and Documentation at Welshpool by appointment only*
09.40 hrs *Bulldog Clubmans Rally Starts, Church Street, Car Park, Welshpool, (MR 226075)*
 (N.B. Welshpool is approximately 20 miles west of Shrewsbury)
14.15 hrs Bulldog Clubmans Rally Finishes, Dolgellau
15.45 hrs *Publicity Finish, The Shropshire Lad, Shrewsbury (MR 126/511157)*
16.00 hrs Provisional results for the Bulldog Clubmans Rally posted
17.00 hrs Awards Presentation for Bulldog Clubmans Rally at the The Albrighton Hall Hotel, Shrewsbury

ARTICLE 19 AWARDS

2. The Bulldog Historic Rally

The following awards will be presented: -

- | | |
|--|--------|
| (a) General Classification Awards | |
| 1st Historic Crew Overall | Awards |
| 1 st Post Historic Crew Overall | Awards |
| (b) Class Awards | |
| 1st crew in each class | Awards |
| 2nd crew in each class (subject to 5 entries in the class) | Awards |

The organisers – 09/10/01

Bulldog Rally 2001

Competitors Information No 1

10 October 2001

Foot and Mouth Disease

The Bulldog Rally is only able to run with the goodwill of the farming community of Mid-Wales. Wolverhampton and South Staffs Car Club value this goodwill very highly and will go to extreme lengths to safeguard it.

There are various bio-security measures in place throughout the Rally. Any competitor or associated service, management or support crew member disregarding these measures will not only incur the appropriate penalties in accordance with the regulations of the event but will be considered to acting in a manner 'prejudicial to the general interest of the MSA or motor sport in general' (O1.1.4). As such the facts will be reported to the Stewards of the meeting and the MSA with the recommendation that a Disciplinary Tribunal be convened.

Management cars and service vehicles not following the prescribed route will be considered to have broken this regulation and will be dealt with summarily. Judges of Fact are operating in all areas.

The measures taken by the authorities to control the disease have meant that certain facilities have not been available to the organisers at the last minute. This has lead to the relocation of some operations and the organisers are grateful for the patience and understanding of the competitors.

Help Desk

The organisers Help Desk will be at the Albrighton Hall Hotel Rally H.Q (MR 126/497180), between 09.00 hrs and 22.00 hrs on Friday and 07.00 hrs and prizegiving on Saturday. The hotel switchboard number is 01939 291000 and ask for the 'Rally help desk'.

The Official Notice Board

The official notice board will be displayed at The Albrighton Hall Hotel, the rally headquarters, throughout the competition. There will be duplicate noticeboards at the starts for the period that they are open.

Parking prior to Scrutineering

On arrival in Shrewsbury competitors should travel Southwards on the A5112 from the Battlefield traffic island. They should enter the 'All Marques' garage area (before the Godfrey Hall BMW dealership on the left) and proceed to the service vehicle parking area. (see attached map). This facility will not be available until 16.00 hours on Friday 19 October.

All vehicles must be spotlessly clean on the bodywork and underside, especially inside the wheelarches.

Any vehicle considered not to be of a satisfactory standard will not pass scrutineering and will be expected to be cleaned and then rescrutineered.

Noise check

The attached Scrutineering Time Schedule shows the times requested by each competing crew.

Competition vehicles should proceed to the noise check at the time shown on the attached schedule. Preference will be given to competitors arriving at their scheduled time.

Any competitor not shown on the schedule should report at the time nominated on their entry form and will be held in reserve and despatched as directed by the marshals.

On completion of the noise check the crew will be presented with a process card.

The vehicle must proceed to William A Lewis' for scrutineering as directed by the marshals.

Competition Numbers & Rally Plates

Rally plates, numbers and high visibility window numbers will be supplied free of charge and must be applied in accordance with the regulations under the direction of the marshals.

In Car Cameras

Any crew proposing to carry an in car video camera must attend scrutineering with the complete camera in place and declare the fixture to the scrutineer. There will be the necessary documentation at scrutineering to complete the formalities.

Disinfection

Following scrutineering and the completion of the process card the vehicle **MUST** proceed to the **DISINFECTION POINT** on the Livestock Market. **Crews must not get out of vehicles on this site.**

Every vehicle will be disinfected by qualified staff on the Livestock Market.

Vehicles will follow the marshal's instructions whilst on the Market site.

Documentation

The crew should proceed to documentation in the Fountain Room of The Albrighton Hall Hotel with the completed process card, all necessary licences and insurance details.

Attended Parking

The organisers are not able to offer attended parking overnight in Shrewsbury. Further details will be available from officials at the parking area and signing on.

Route

See attached table of map references, time schedule and route map.

Start Times

A full list of starters and times will be published at documentation.

The start time of car 1 will be 08.00 hrs. Saturday 20th October.

Start Procedure

Competitors should report directly to the pre-start assembly area in WELSHPOOL at least 20 mins prior to their due start time. Time cards will be distributed to competitors in this area.

You DO NOT need to report to any control or area in Shrewsbury on Saturday morning prior to the start. Your published start time is the due time at MCO in WELSHPOOL.

Full Colour Maps

The organisers have provided black and white stage maps, with the kind help of Pine Lodge Maps. Full colour stage, service, management and rally car route maps may be purchased from Pine Lodge Maps (0191-416-0732).

On Event Photographs

Photographs of the competitors in action on the Event will be taken by Speedsports Photography of Ruthin (018 242 3743)

Finish

Full results will only be displayed in the Albrighton Hall Hotel.(see plan)

At the Finish, drinks and snacks will be available from the 'Shropshire Lad' on the Harlescott Lane.(see plan)

There will be a full range of drinks, hot food and changing facilities in the Albrighton Hall Hotel.

Post event Scrutiny

Those vehicles required for post event scrutiny will be informed at the finish control and issued with directions to the scrutineering venue.

Prizegiving

Prizegiving will take place at The Albrighton Hall Hotel.

The Bulldog Clubmans Rally at 17.00 hrs.

The Bulldog Historic Rally and MSA Historic Rally Championship at 18.00 hrs.

The Bulldog Rally at 20.30 hrs.

BULLDOG RALLY - 2001 @ 10/10/01

No	Entrant/Sponsor	Driver	Co-Driver	Car	Capacity	Class	Key
BULLDOG							
1	Sunseeker Powerboats	Marcus Dodd	John Bennie	Subaru Impreza	1998T	A8	Aa
2		David Mann	Alun Cook	Subaru Impreza	2000T	B13	AWaw
3	S G Petch Ltd for Hyundai	Steve Petch	John Richardson	Hyundai Accent WRC	1995T	A8	Aa
4	Integral Powertrain	Roger Duckworth	Mark Broomfield	Subaru Impreza WRC	1994T	A8	
5	R-E-D, On-Site, Michelin, Castrol	Pete Littler	Andy Marchbank	Hyundai Accent WRC	1998T	A8	AWFawn
6	Tecroc Products Ltd	Vince Wetton	Joff Haigh	Mitsubishi Lancer Evo V	2000T	A8	
7	Toyota Ireland	Austin McHale	Brian Murphy	Toyota Corolla	2000T	A8	
8	Bell Leisure/Michelin/Sabell	Brian Bell	Paul Spooner	Ford Escort WRC	1998T	B13	AW
9	Active Motor Sport	Gary Midwinter	Martin Saunders	Ford Escort WRC	1998T	B13	AWaw
10	Bill Gwynne Motorsport / Olis / Pirelli	Runar Jonnson	Jon Ragnarsson	Subaru Impreza	1998T	B13	
11	National Vehicle Distribution	Eamonn Boland	Anthony Nestor	Subaru Impreza	2000T	A8	
12		Derek McGarrity	Dermot O'Gorman	Subaru Impreza WRC	2000T	A8	
14	MSR Motorsport	Charles Payne	Ian Allsop	Mitsubishi Lancer Evo 6	1997T	A8	
15	Minilite	Julian Reynolds	Stewart Merry	Subaru Impreza	2000T	A8	
16		Robert Ceen	Richard Ceen	Subaru Impreza	1997T	B13	AW
17	RJC Davis (Forestry) Ltd	Richard Davis	David Williams	Mitsubishi Lancer Evo V	1998T	N4	Ww
18	Technocover Ltd, Welshpool	Dave Humphreys	Ian Pryce	Mitsubishi Lancer Evo 6	1998T	N4	W
19	JV Group	Leon Pesticcio	Howard Davies	Mitsubishi Lancer Evo 6	1997T	N4	AWMaw
21	Roger Clark Motorsport Ltd	Ollie Clark	Richard Pashley	Mitsubishi Lancer Evo V	1998T	N4	
22	Pirelli, ADR Motorsport	Alistair Ginley		Mitsubishi Lancer Evo 6	1998T	N4	A
23	Kumho Tyres, Valvoline Oils	Graham Middleton	John Morgan	Hyundai Coupe Kit Car	1995	A7	Aa
24		Peter Stephenson	Allan Whittaker	Subaru P6 WRC	2000T	A8	AM
25	Havenkey Ltd	Robin Bradbury	Peter Thomas	Ford Escort Mk II	2400	B12	AWW
26	Dunlop/Mutiny	Nigel Griffiths	Andrew Owens	Ford Escort Maxi Kit	1998	A7	Aa
27	Edington Transport, Barnstaple Radiators	Andy Burnell	Bob Rose	Skoda Felicia Kit Car	1598	A6	Ala
28	Rally & Competition Equipment	Philip Squires	Michael Squires	Ford Escort RS1800	2200	B12	WFwn
29	Vulcan Technology Ltd	Mark Winkles	Noel Waugh	Mitsubishi Lancer Evo 6	1998T	N4	
30	Rallispac/Rallycarhire.com	Andrew Haddon	Mark Solloway	Mitsubishi Lancer Evo V	1998T	N4	
31		Edward Roberts	Garry Hunter	Ford Escort Cosworth	1999T	B12	W
32		John Ashton	Mark Lewis	Ford Escort MkII	1998	B11	w
33	David Bagshaw Homes	David Bagshaw	Sue Mee	Mitsubishi Lancer Evo 6	1998T	N4	AMa
34	OSG Motorsport (Prestatyn)	John Leckie	Graham Lewis	Subaru Impreza	1998T	N4	WFwn
35		Johnathan Wilshaw	Elizabeth Adams	Subaru Impreza	1996T	N4	
36		Simon Hughes	Phil Pugh	Peugeot 106 Gti	1587	A6	AWIFaw
37	Watts 4x4 Centre	Richard Watts	Christine Parling	Ford Escort Cosworth	1994T	B13	
38		Jeremy Nolan	Ian Oakey	Mitsubishi Lancer Evo V	1997T	N4	AM
39	Frizzell	Graeme Presswell	Phil Cottam	Mitsubishi Lancer Evo 6	1998T	N4	AMa
40	DRJ Motorsport	Rhidian Jones	Matthew Picton	Subaru Impreza	1994T	N4	Ww
41	Valvoline, Kumho Tyres	Craig Middleton	Nathan Parry	Hyundai Coupe Kit Car	1997	A7	Aaw
42	Langage Farm Dairy Products	James Harvey	Paul Arberry	Peugeot 106 Gti	1587	A6	I
43	Sporting Life.com, Honda UK, European Aviaton	Tony Jardine	Kevin Eason	Honda Integra Type R	1797	N3	
44		Arwyn Williams	Terry Moore	Mitsubishi Lancer Evo 6	2000T	N4	Aa
45		Dave Price	Richard Wheeler	Mitsubishi Lancer Evo 4 RS	1998T	A8	Ww
46	www.Rallyspares.com	David Pearson	Michael Grosvenor	Ford Escort Cosworth 4x4	2000T	B13	
47	Peter Posh Formal Suit Hire of Telford	Duncan Williams	Mark Freeman	Peugeot 106 Gti	1587	N2	WICw
48	Powerhouse	John Vancamp	Alan Brown	Mitsubishi Lancer Evo V	1998T	N4	Aa
49		Stuart Clarke	Nigel Thomas	Ford Escort	1598	B10	Wlw
50	Brookwood Motor Company	Richard Waite	Darren Hutt	Subaru Impreza	2000T	B13	Aa
51	Sunseeker Powerboats	Harry Dodd	Roy Campbell	Subaru Impreza	1998T	N4	Aa
52	MTW Sport	Rupert Hopcraft	Susan North	Nissan Micra	1275	A5	I
53	MCD Vtech Automotive	Steve Aram	Paul Aram	Nissan Micra	1275	A5	

54	Thor Hammers	John Moffat	Justin Brooks	Talbot Samba	1360	B9	A
55	Irmscher Motorsport & Dunlop	Dave Hull	Pamela Hull	Vauxhall Astra Sport	1998	N3	AWIaw
56		Nick Tate	Barry Young	Vauxhall Astra	1998	N3	Ala
57	22 Motorsport	Andrew Coley	Tim Slattery	Seat Ibiza	1998	A7	Aa
58	Informix Software	Danny Kent	Robin Hernaman	Peugeot 106 Rallye	1294	N1	A
59	ASW Motorsport	Sue Hedley	Les Holden	Vauxhall Nova Gsi	1600	A6	Ala
60		Shelly Taunt	Kevin Plunkett	Ford Ka	1298	A5	Aa
61		Chris Martin		Subaru Impreza	2000T		
62		Jon Ausobsky	Anne Watson	Ford Escort Cosworth	1993T	B13	A
63	JCB, Ajax Machinery	Glyn Jones	Huw Lewis	Subaru Impreza WRC	1998T	A8	
64		Dorian Rees	Eurig Evans	Peugeot 106	1360	N1	AWIw
65	R & M Williams	Mark Williams	James Phillips	Mitsubishi Lancer Evo 6	1998T	N4	
66	G Cook Bodyrepairs	Geno Cook	Andrew Sankey	Peugeot 106 Super Cup	1600	A6	
67	Promax Motorsport	Philip Morgan	Marc Jones	Mitsubishi Lancer Evo 6 RS	1998T	N4	
68		Stephen Finlay	Roy Kennedy	Subaru Impreza WRC	1998T	A8	

HISTORIC

101	Northampton Motor Sport	Iain Freestone	Nick Kennedy	Ford Escort RS2000	2041	C4	Hh
102		John Keatley	Maurice Beckett	Porsche 911	1991	B5	Hh
103		Desmond Nutt	Geraldine McBride	Porsche 911	1998	B5	Hh
104	Yorkshire Vintage & Classic Car Co	Mike Brown	Jonnie Oldham	Ford Escort MkI RS1600	1974	C3	Hh
105		Drexel Gillespie	Gill Cotton	Ford Lotus Cortina MkII	1598	B3	
106		Dominic Frattaroli	Eddie Myatt	Datsun 240Z	2800	C4	H
107		Paul Pesticcio	James Morris	Ford Lotus Cortina	1598	B3	h
108	Crowhill Car Sales	Richard Hill	Steve Montoto	Ford Escort RS2000	1998	C3	H
109	Alimax Motorsport	Ernie Graham	Peter White	Ford Escort RS1600	1975	C3	Hh
110		Jesse Shakespeare	Dean Brady	Ford Escort	1998	C3	H
111	VK Vodka Kick Rallying	Steve Perez	Jonty Bolsover	Porsche 911S	1993	B5	H
112		Rikki Proffit	Phill Harrison	Ford Escort Mexico MkI	1558	C2	H
113	Greens The Signmakers Ltd	Chris Green	Hilary Green	Ford Lotus Cortina Mk I	1597	B3	H
114	Droitwich Saab	Andrew Street	Simon Gaden	Saab 96 V4	1815	C3	Hh
115	Smart Developments Ltd	Keith Smart	Graham Smart	Ford Escort MkI	1998	C3	Hh
116		Gwilym Roberts	Bill Robertson	Ford Lotus Cortina MkII	1558	B3	h
117	Peak Projects	Peter Wiseman	Mark Bentley	Morris Mini Cooper S	1293	B2	Hh
118		John Worthing	John Cadwallader	Ford Escort Mexico	1598	C2	Hh
119		Paul Mankin	Neville Bearpork	Ford Cortina GT	1598	B3	H
120		James Stait	Marcus Cartwright	MG Midget	1293	B2	H
121		Kevin Broadhurst		Ford Escort Mexico	1598	C2	H
122	Carafit Caravan Services	Kevin Holley	Dan Holley	Hillman Avenger GT	598	C2	Hh
123		David Street	Bernard Fisher	Morris Mini Cooper S	1293	B2	H
124		Philip Smith	Stuart Smith	Ford Cortina GT MkI	1499	B3	H
125		Graham Woodhouse	Brett Waldron	Datsun 240Z	2800	C4	
126		James Francis	Andrew Turner	Ford Mk 1 Escort Estate	1598	C2	Hh
127	Midway Motors, Crymych	David Rees	Aled Rees	Ford Escort MkI	1300	C1	
128		Jonathan Gale	Graham Gale	Ford Cortina GT	1498	B3	
129		Barry Marsh	Robert Burton	Triumph TR3	2000	B4	
130		Martin Pratt	Patricia Pratt	Ford Anglia	998	B1	H
131	Argham Metals	James Graham	Ian Graham	Saab 96 Two Stroke	841	B1	
132		Jim Clark		Ford Lotus Cortina	1558	B3	H
133		John Willis	Andy Armstrong	Austin Mini Cooper S	1293	B2	Hh
134	Quinaire Ltd	Peter Quinton	Dennis Turner	Ford Cortina GT MkII	1660	B4	H
135	F & R Belbin Ltd Specialist Manufacturing Eng	Derek Belbin	Michael Davison	Ford Escort MkI	1598	C2	H
136	Suffolk Motorsport, Stowmarket Transport Services	Keith Pettitt	Bernard Baker	Ford Lotus Cortina	1593	B3	H

CLUBMAN

201	N J Chapman Joinery	Ieuan Rowlands	Keith Davis	Ford Escort MkII	1598	O2	FRn
202	Mercian Lifting Gear Ltd	Adrian Allen	Mike Wilding	Opel Manta	1998	O3	WINRv
203	Moduron H G Jones Motors	Hugh Jones	Dylan Jones	Ford Cosworth	1993T	O4	Fn
204	Enviroclear Services Ltd	David Short	Richard Crossman	Ford Sierra XR 4x4	2900	O4	

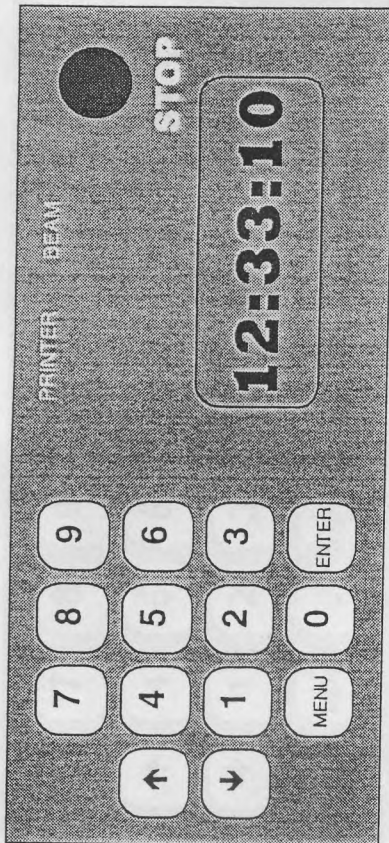
205	Bentley Vehicle Supplies	Craig Salter	Liz Jordan	Ford Escort MkII	1998	O3	
206	Huws Gray Fitlok	Keith Parry	Martyn Quant	Vauxhall Nova	1597	O2	WIFw
207	Mass CCTV	Tom Taylor-Duxbury	James Greenwood	Vauxhall Corsa Maxi RWD	1998	O3	
208	Mini Technique	David Gratrix	Stephen Taylor	Ford Fiesta	1598	O2	
209		Sean Bannister	Terry Bannister	Peugeot 306 S16	1998	O3	
210		Duncan Goldsmith	Andy Goldsmith	Ford Fiesta	1998	O3	Fn
211	MDS Architectural Fabrications	John Pardoe	Stuart Bethell	Peugeot 205 Gtl	1360	O1	
212	The Advanced Driving Group School	Jody Oliver	Elwyn Manuel	Ford Escort Cosworth	1998T	O4	
213	www.paulwhiteracing.net	Paul White	Richard Elliott	Vauxhall Nova	1300	O1	FNRn
214		Adrian Mayall	Robert Hayden	Alfa Romeo 33	1490	O2	
215		Bob Hart	Ian Galloway	Ford Escort RS1600 MKI	1700	O3	
216	Cannock Electrical Installations	Paul Lockett	Gary Kenna	Subaru Impreza	1998T	O4	
217	Temhill Communications	Will Onions	Keith Griffiths	Opel Manta	1998	O3	
218	Forge Motorsport Engineering	Stuart Cheape	Phil Sant	Ford Escort Cosworth	1993T	O4	n
219		Andy Yoxall	Keith Wain	Ford Sierra Sapphire Cosworth 4x4	1998T	O4	
220	Whiteknuckles Motot Sport	Dave Brick	Richard Wills	Darrian T9	1998	O3	

Key

A,a	Driver,Co-Driver ANCRO Championship
W,w	Driver,Co-Driver Welsh National Championship
H,h	Driver,Co-Driver MSA British Historic Championship
M	Driver Mitsubishi Challenge
I	Driver Initiative 2000
F	Driver RED ANWCC Forest Championship
N	Driver ANWCC Novice Championship
R	Driver ANWCC Allrounder Championship
C	Driver WSSCC Award
n	Co-Driver ANWCC Championship

ECM DIGITAL CLOCK OPERATION

Rally Time Control - ATC



- The clock display shows time of day set to 'rally time'
- The clock is set to an accuracy of one second
- You do not need to press any buttons
- Use the clock simply as a digital time display
- Read the time on the display and fill in the timecard

If you have problems see the reverse of this page

RALLYTIME

Digital Timing Hire 0121 354 7066

Mode 1 /ATCTC/1s

13/10/01

PROBLEMS

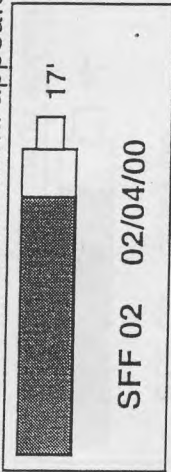
- If you happen to press the STOP button - the display will freeze and show -



If you press STOP again the display will unfreeze and the correct time will be displayed.

- If you press any NUMBER key or ENTER - nothing happens
- If you press MENU -

the first item of the menu appears



Press ENTER and the correct display reappears

- If you press the ↓ key - the display freezes and changes to



Press ↑ until the normal display returns.

13/10/01

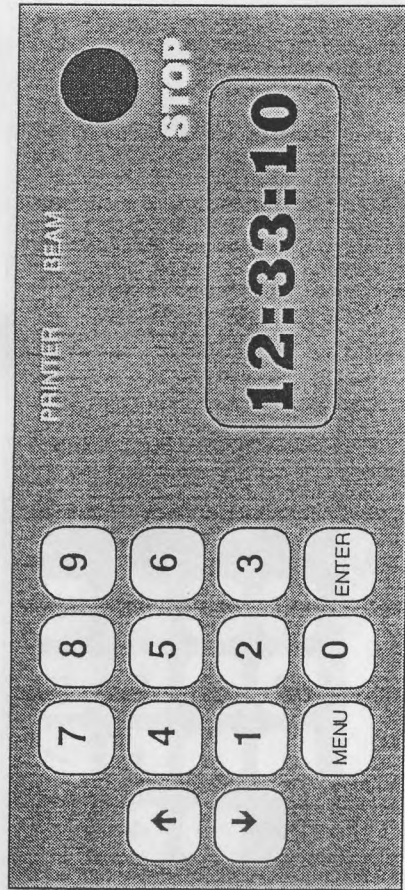
RALLYTIME

Digital Timing Hire 0121 354 7066

Mode 1 /ATCTC/1s

ECM Digital clock operation

Rally Stage Start Control - SS



□ The clock display shows time of day set to 'rally time'

03:06:42
NEXT VEHICLE XXXX

- The clock is set to an accuracy of one second
- The clock is set for cars to start on the whole minute
- Enter the number of the next car to start by using the NUMBER keys and ENTER during the minute leading up to the start.
- The clock shows a countdown in the top right of the display in the last 10 secs before the start.

03:06:52 08
NEXT VEHICLE 21

- When the car has started, enter the number of the next car etc.

PROBLEMS

- To abort the start for the current car press the STOP button – the display will freeze and show -

03:06:58
START HELD

If you press **↑** display will unfreeze the car number will be reset to 'xxxx' and the correct running time will be displayed.

To give the car a new start time re-enter his number and continue as before.

- If you press MENU -

the first item of the menu appears

SFF 02 02/04/00
17'

Press ENTER and the correct display reappears

- If you press the **↓** key -
the display freezes and changes to

03:06:42.1
START # 15 Vh 0045

This displays the start time of the 15th vehicle car number 45

You can scroll through the stored times with the **↓** and **↑** keys edit the car numbers by overwriting with the NUMBER keys and ENTER.

Press **↑** until the normal display returns.

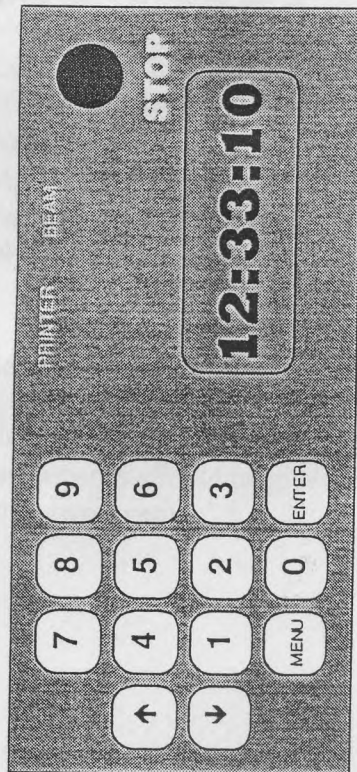
Sports Timing by

RALLYTIME

0121 344 3141

ECM DIGITAL CLOCK OPERATION

Rally Stage Stop Control - Stage Finish



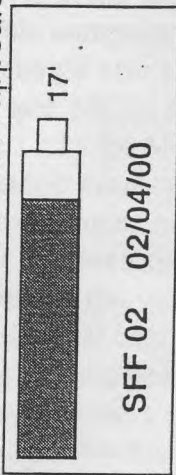
- The clock display shows time of day set to 'rally time'
- Press the STOP button as the car crosses the flying finish line
- The time frozen and is recorded in the clock's memory

03:06:42.1
STOP #15 M. Vh xxxx

- Either press **↑** to regain 'running' time display or enter the relevant car number, in place of xxxx on the display, via the NUMBER keys and then press ENTER. To regain 'running' time display press **↑**
- If another car crosses the flying finish line at any time press STOP and the time will be recorded. If the clock is already frozen it will show a **↑** in the bottom right of the display. Use the **↑** key to access the new time to enter the car number. To add car numbers to previous times see the reverse of this page.

PROBLEMS

- If you press any NUMBER key or ENTER - nothing happens
- If you press MENU - the first item of the menu appears



Press ENTER and the correct display reappears

- If you press the **↓** key - the display freezes and changes to

03:06:42.1
STOP #15 M. Vh. 0000

This display shows the STOP times stored in the clock's memory. Each has a consecutive number attached to it. The time in the above example is the 15th stop time.

You can scroll forwards and backwards through the times in memory - a maximum of 180 - with the **↓** and **↑** keys.

If you press STOP whilst showing this display the time is stored. Use the **↑** to scroll to it and then again to regain current time display.

You can enter or amend car numbers against any time as you scroll through the memory by overwriting with NUMBER keys and ENTER.

To return to the normal display press enough times **↑** to scroll through the times in memory until the required display is seen.

RALLYTIME

Digital Timing Hire 0121 354 7066

Service/Regroup Control Instructions

The event is going to be closed up in the Dolgellau service areas (Services A & B). At the Service 'IN' controls competitors are given an 'IN' time as required for the end of the previous road section, and they should also be given a designated 'OUT' time for them to leave the service area (Due time for MC3 and MC5). For the National A Rally the designated 'OUT' time for the first competitor should be 11.15 for MC3, and 13.43 for MC5. The due time for the first competitors in the National B and Historic events is still to be advised. In each event all subsequent competitors should be given consecutive minutes such that they leave the service area at 1 minute intervals again.

The event has been timed such that the first competitor in each event will get approximately 40m service time in the service areas. The last competitor in each event should get approximately 10m less than the first competitors. However, if a lot of cars drop out of the event the service time for later runners could become small and therefore a minimum service time of 20m should be preserved for the service areas i.e. No competitor should be given a Due time out which is less than 20m after the time he has booked in.

Two competitors should never be given the same nominated 'MC' time even if they have booked into the 'IN' control on the same minute. Although only 1 car is allotted to each minute for the MC's, this does not mean that only 1 car can leave the MC's on each minute. If a competitor has a problem in the service area such that he or she misses their allotted MC time, they will want to take the time that they actually arrive at the control as well as the car that has been allotted that minute, such that 2 cars would leave the MC on the same minute.

Example:

First car books in at TC3 at	10.36	
MC3 time given to first car	11.15	(Due time for first car)
Second car books in at	10.38	
MC3 time given to second car	11.16	(1m behind Car 1)
Cars 3&4 book into 'IN' control at	10.39	
MC3 time given to car 3	11.17	(1m behind Car 2)
MC3 time given to car 4	11.18	(1m behind Car 3)
Car 5 books into 'IN' control at	10.42	
MC3 time given to car 5	11.19	(1m behind Car 4)
Fortieth car books in at	11.34	
MC3 time given to fortieth car	11.55	(40m after first, 21m service time)
Forty first car books in at	11.37	
MC3 time given to forty first car	11.57	(two minute gap appeared because minimum time in service is 20m)

Remember Minimum time in Service areas 20m.

MC4 is not a regroup control but is the final control for the National B event. National B competitors should be given a time at MC4 for the end of the road section, the same as TC4 for the other two events.

RALLY CONTROL SIGNS

Main or Time Control

Start of Control Zone		Site of Control		End of Control Zone	
Yellow background		Red background		Yellow background	

Special Stage Start

Start of Control Zone		Site of Arrival Control		Site of Stage Start	
Yellow background		Red background		Red background	

Special Stage Finish

Advanced Warning of Flying Finish		Site of Flying Finish		Site of Finish Control	
Yellow background		Red background		Red background	
			Countdown Boards (Equally Spaced)		

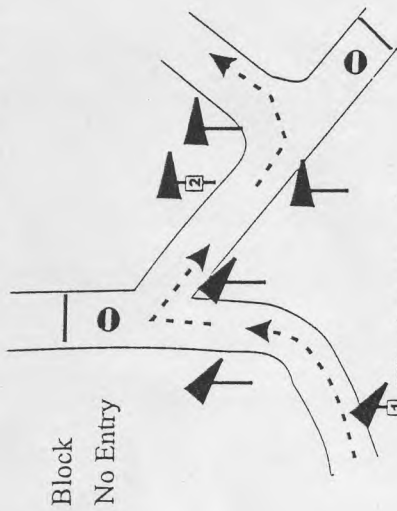
Passage Control

Start of Control Zone		Site of Passage Control	
Yellow background		Red background	

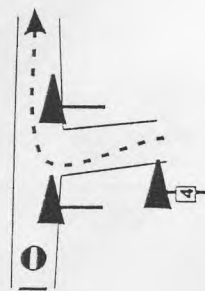
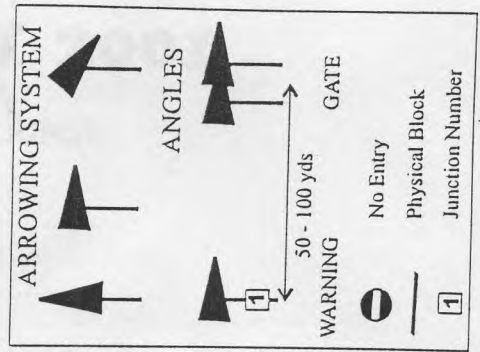
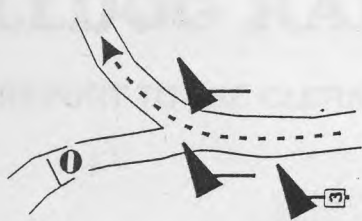
STAGE ARROWING SYSTEM

Position of arrows at JUNCTIONS in conjunction with No Entry boards.

It should be noted that the gate formed by two arrows is always immediately before the junction on the approach road and to avoid ambiguity, where necessary, the angle of directional change will be exaggerated. Incorrect roads will have 'No Entry' boards and will be blocked but not necessarily at the junction. The junction number (indicated in the road book) will be fixed to the warning arrow.



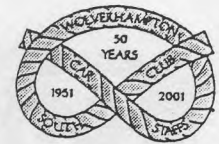
Warning arrow & junction number on the side of the road where they are most visible



NB NO CONFIRMATION ARROWS



The Rally Bulldog



PRESS REPRESENTATIVE

THE BEARER OF THIS AUTHORISATION LETTER IS A REPRESENTATIVE OF THE PRESS ON THIS EVENT

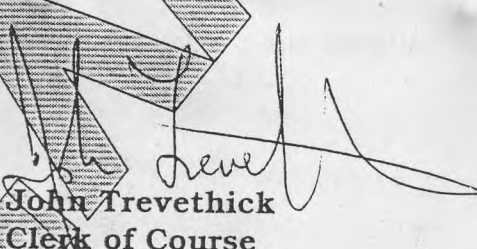
The bearer understands that no special privileges or rights are bestowed by the holding of this letter.

Officials should note the number of the letter as the Organisers can use it to identify the holder.

Please assist this press representative to carry out the necessary duties without jeopardising the safety of competitors or delaying the running of the event.

Your word on where the bearer may be in your locality is final and the Organisers will back you BUT PLEASE BE REASONABLE.

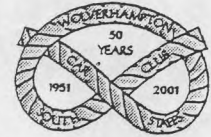
Thank you


John Trevethick
Clerk of Course

18th October 2001



The Bulldog Rally



**TO: MARSHALS
STAGE COMMANDERS
OFFICIALS
AREA CO-ORDINATORS
ORGANISERS**

THE BEARER OF THIS LETTER IS A GUEST TO THE EVENT

It is understood that Rallies are by the nature of competition dangerous and safety is paramount.

Nevertheless if you can assist the holder of this letter reaching their destination I would ask you to do so.

This document does NOT constitute a pass for a vehicle or for any other reason. The holder is not directly linked to any competitor in the Event and will not be taking any part in the competition.

The bearer understands that the running of the Event is your first concern.

Your word on where anyone may be in your locality is final and the Organisers will back you **BUT PLEASE BE REASONABLE.**

Thank you

**John Trevethick
Clerk of Course**

October 19th 2001

Sponsored by - Bulldog Security Products Ltd., Much Wenlock, Shropshire
Organised by - Wolverhampton and South Staffordshire Car Club Ltd.