



# The Bulldog Rally



23rd and 24th October 1998

## ROAD BOOK

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## NOTES FOR COMPETITORS

### DRIVING

The organisers of the Bulldog Rally 1998 request all competitors to drive carefully on the road sections in order to minimise inconvenience to other road users and residents on route. Please observe all speed limits and drive slowly on narrow public roads - we will require them again next year and cannot afford adverse publicity.

Remember the Police may be operating radar speed checks on the route, Service crews should be reminded that adverse reports could result in exclusion for their competing crew.

### ROADBOOK

The road book describes the route for the whole rally, including Special Stages, by 'Tulip' diagrams intended to ensure that competitors easily follow the correct course.

The 'Tulip' mileage's shown have been compiled using a Brantz tripmeter and may not be in total agreement with competitors own equipment.

Not all junctions have been included on road sections, where there is no instruction to continue on the road on which you are travelling. Names on signposts were those displayed at the time of the route survey and no responsibility is accepted for subsequent changes.

At the start of every road section the target time for that section is shown. A box is provided for calculating your due time at the following control.

### SPECIAL STAGES

On special stages the 'Tulip' diagrams and stage maps of each stage are intended to ensure that competitors follow the correct route only and they should not be used as an indication of the severity of bends, etc.

Firebreaks, which are misleading, have been included in the Road Book and will be arrowed as junctions.

### START TIMES

The first competitor will start at approximately 08.00 hrs. Actual individual start times will be displayed on the Official Notice Board from 22.15 hrs on Friday.

### TIMING

Target timing is being used throughout the rally with a maximum permitted accumulated lateness of 15 minutes between successive Main Controls.

Competitors must leave each Main Control 'Out' on their scheduled time to avoid penalty.

Competitors will be regrouped at Service A, before stage 6 and at Service C. Competitors due times at MC2, 3 and 4 will be given on arrival at TC2, 5c & 7.

### **STAGE SAFETY**

An ambulance, doctor and recovery vehicle will be available on all Stages.

Radio communication equipment is sited at all Stage Starts and Finishes, as well as points along the route through the forest. Should you be forced to stop for any reason on a Special Stage, you must display your 'OK' board to the following competitors or if, and ONLY if, you require immediate medical assistance, you should display your 'SOS' board. Try to make your competition number visible to following cars. Put out your RED TRIANGLE to warn competitors and protect your own car.

When you come across a competitor stopped on a Stage, confirm that human life is not in danger and that a 'SOS' is not being shown. Note the location of the car in relation to the numbered junctions and its competition number and report the facts to the Stage Finish crew.

**Remember that it may be you who next require assistance.**

### **RECOVERY**

The organisers will attempt to link 'lost' crews with their service personnel with the help of the safety radio network if practicable when the relevant stage has closed.

A recovery vehicle will pass through each special stage to extricate competitors from immediate difficulties after the Course Closing Car has shut the Stage.

### **RETIREMENTS**

Please hand in your Time Cards to an official and submit your Damage Declaration to the organisers, via the nearest convenient Time Control or at Rally HQ.

### **RESULTS**

Any queries regarding times, etc., should be made in writing on the form provided at the back of the Road Book and handed in to an official of the Help Desk at Rally HQ.

## NOTES FOR SERVICE CREWS

Read these instructions carefully, and exercise care and courtesy when driving through towns and villages on route.

Each registered Service Vehicle is issued with a Rally Service Plate which must be affixed to the vehicle's windscreen. This plate will bear the letter 'S' and a number corresponding to that of the competitor receiving the Service Pack where practical.

Each Management vehicle will have similar plate but bearing the prefix 'M', to be fixed to the vehicle and be on display at all times.

Service Crews and Management Crews **MUST** follow the instructions given regarding Service Areas and the route between them. Any Competitor whose Service or Management Vehicle is *observed* in an OUT OF BOUNDS area will be penalised 10 minutes for the first offence and by EXCLUSION from the results for the second offence; any Competitor *receiving assistance* from a Service or Management Vehicle in an OUT OF BOUNDS area will be EXCLUDED on the **first offence** (see Art.17.8).

All the above vehicles will be allowed into all main Service Areas.

Time Controls are situated at the exit of each main service area and service crews must follow the instructions of marshals at these controls. Regrouping will operate in service area A, after service B and in service area C, to close up any gaps and keep the rally together as much as possible.

Judges of Fact will be patrolling the road sections and service crews are reminded that their associated competing car may be penalised for any infringement of the servicing regulations - including excessive noise, bad driving manners, etc. (see Art. 17.6).

In the event of their competitor retiring within a special stage, service crews may wait at the start of the stage until it closes and they will then be allowed to enter to retrieve the car under the instruction of the stage commander.

As usual the various Police Authorities will be observing the Rally and speed checks may be expected during the event.

## SERVICING & SERVICE AREAS

PAGE v

Competitors are reminded that they are responsible for the conduct of their service crews. Servicing by Service Vehicles with a 'Service Plate' is ONLY permitted in the **four official service areas**, which are located as below.

N.B. ONLY vehicles registered with the organisers and visibly displaying their Service Plate will be allowed to enter the service areas.

### NO RALLY PLATE - NO ENTRY

**Emergency Servicing** by Management Vehicles with a 'Management Plate' is permitted in the four official service areas after most stages.

THE THICK BLACK line along the right hand side of the tulips in the Road Book indicates NO EMERGENCY SERVICE. No thick black line in the road book indicates that emergency service is permitted.

#### SERVICE AREA A

#### SWEET LAMB

MR 135/826849

First Car Due: 09.50 hrs.

Time allowed - variable  
(Between 15 & 30 minutes)

Servicing in Sweet Lamb complex. Use Service Vehicle Route.

#### SERVICE AREA B

#### MACHYNLLETH

MR 135/747007

First Car Due: 12.10 hrs.

Time allowed - variable  
(Between 15 & 30 minutes)

Servicing in Main Public Car Park. Use Service Vehicle Route.

#### SERVICE AREA C

#### DOLGELLAU

MR 124/735181<sup>1/2</sup>

First Car Due: 14.00 hrs.

Time allowed - variable  
(Between 15 & 30 minutes)

Servicing in Farmers Mart complex. Use Service Vehicle Route.

#### SERVICE AREA D

#### SHREWSBURY

MR 126/485137

First Car Due: 16.45 hrs.

Time allowed - variable  
(Built into road section)

Servicing in trailer park area adjacent to showground. Use Service Vehicle Route.

#### FACILITIES AVAILABLE

Hot and cold food and refreshments will be available as well as toilets (male & female), washing facilities at Service Areas B and C. Full facilities for Area D are on the showground.

## SERVICE VEHICLE ROUTE

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Service vehicles are required to follow the designated route between the service areas, as follows:

### START TO SERVICE A – SWEET LAMB (20 Miles)      MAP 135 / 136

**First car due at about 09.50 hrs.**

Take A489, west from Newtown towards Llangurig & Machynlleth.  
After 4 miles continue over level crossing towards Llangurig on A470  
At Llangurig turn right onto A44 to Aberystwyth  
After 5 miles turn right and follow arrows to Service Area A

### SERVICE A- SWEET LAMB TO SERVICE B – MACHYNLLETH

**First car due at about 12.10 hrs.                      (30 Miles)      MAP 135**

Follow arrows to exit of Sweet Lamb complex and junction with A44  
Turn right towards Aberystwyth  
After 5 miles continue on the A44 at Ponterwyd  
After 9 miles turn right onto A4159 to Machynlleth  
At Bow Street turn right onto A487 to Machynlleth  
In Machynlleth turn right onto A 489 towards Newtown & Welshpool  
The service area entrance is on the right after the pedestrian traffic lights.

### SERVICE B - MACHYNLLETH TO SERVICE C- DOLGELLAU

**First car due about 14.00 hrs.                      (16 Miles)      MAP 124/135**

Leave service area and at main road turn left  
After 0.1 miles turn right on to A 487 to Dolgellau  
After another 1 mile after the river bridge keep right to A487 – Dolgellau  
After another 12 miles turn left onto A470 to Dolgellau  
After another 2.75 miles turn right onto A494 to Bala  
The entrance to the service area is 0.1 miles on the left.

### SERVICE C- DOLGELLAU - TO FINISH (61 Miles) MAP 124/ 125/ 126

**First car due about 16.50 hrs.**

Exit Service Area and at A494 turn right.

After 0.1 miles turn left onto A470 to Llangurig & Machynlleth  
 After another 2.75 miles keep left on A470 to Llangurig  
 After another 8 miles turn left at island onto A458 to Welshpool  
 After another 16 miles turn left onto A 495 to Meifod & Oswestry  
 After another 15.75 miles keep right on A495 to Oswestry  
 After another 2 miles cross A483 taking B4396 to Knockin  
 Continue on B4396 through Knockin  
 1.5 miles beyond Knockin fork left onto B4397 to Baschurch  
 After another 0.75 miles cross the A5 towards Ruyton-XI-Towns  
 After another 4 miles turn right in Baschurch towards Shrewsbury and Bomere Heath  
 After another 0.75 miles turn left at the island to Shrewsbury  
 The finish service area is in the trailer park 6 miles on the right.

**ALL OTHER ROADS ARE OUT OF BOUNDS TO SERVICE VEHICLES DURING THE PERIOD OF THE RALLY.**

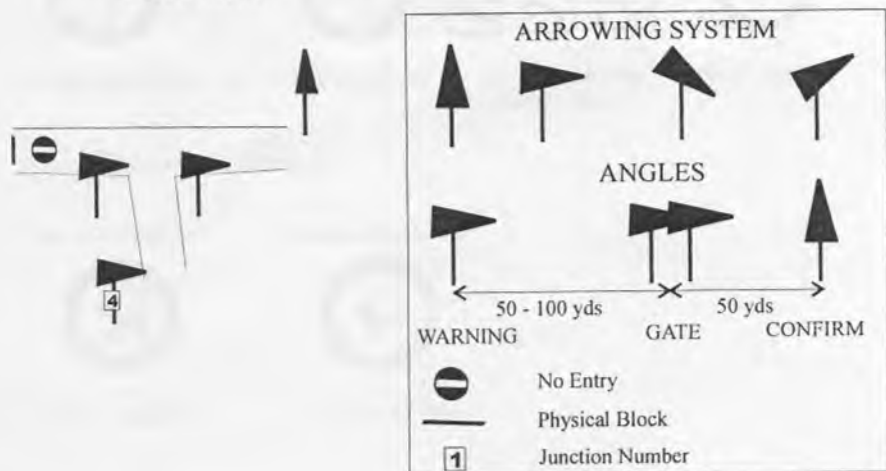
The penalty for servicing other than at the official sites or for service vehicles being observed other than on the official route detailed above is EXCLUSION.  
 Judges of Fact have been appointed to look for offenders both on and off route.

**SUMMARY OF COMPETITOR'S RALLY MILEAGES**

<u>Rally Section</u>	<u>Road Miles</u>	<u>Stage Miles</u>	<u>No. Of Stages</u>
Start to Service A	34	22	2
Service A to Service B	29	24	3
Service B to Service C	20	24	2
Service C to Finish	61	11	2

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.





# RALLY CONTROL SIGNS

## Main or Time Control

Start of Control Zone



Yellow background

Site of Control



Red background

End of Control Zone



Yellow background

## Special Stage Start

Start of Control Zone



Yellow background

Site of Arrival Control



Red background

Site of Stage Start



Red background

## Special Stage Finish

Advanced Warning  
of Flying Finish

Yellow background

Site of Flying Finish



Red background

Countdown Boards  
(Equally Spaced)

Site of Finish Control



Red background

## Passage Control

Start of Control Zone



Yellow background

Site of Passage Control



Red background

ROUTE DEFINED BY REFERENCE

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ROUTE	INFORMATION	MAP REFERENCE	APP	DEP
	Assembly point	136/ 092½906		
MC1	Start	092½905½		W
via		863½817½	E	N
via		906844½	SW	N
ATC1	Stage 1 – Hafren South	873½849½	E	
FTC1		853866		NE
ATC2	Stage 2 – Hafren North	832868	E	
FTC2		871902½		NE
PC2		873904	SW	S
via		863868	W	SW
via		832½867½	E	SW
TC2	Service A - Sweet Lamb	135/ 826½851	NE	
MC2	Sweet Lamb service out	826849		S
ATC3	Stage 3 - Tarenig	839823	NE	
FTC3		809785	SW	NE
ATC4	Stage 4 - Myherin	800½777	NE	
FTC4		765½757½		S
via		778753½	W	S
PC4		742771		E
via		751812	S	W
ATC5	Stage 5 – Taliesin	737½919½	SW	
FTC5		669½937		NE
PC5		683½950	SW	NE
TC5a	Service B - Machynlleth	747007	N	
TC5b	Machynlleth service out	747½007		N
TC5c	Regroup in	124/ 760064	SW	NE
MC3	Regroup out	763065½	SW	W
ATC6	Stage 6 – Dyfi Main	761065½	E	
FTC6		813104		N
ATC7	Stage 7 – Gartheiniog	805111	NE	
FTC7		827109		E
PC7		846101½	W	N
Via		857½130	S	N
TC7	Service C - Dolgellau	735181½	SW	
MC4	Dolgellau service out	735181½		SW
Via		862125½	NW	NE

ROUTE	INFORMATION	MAP REFERENCE	APP	DEP
ATC8	Stage 8 - Dyfnant	125/ 989133½	SW	
FTC8		003160		S
PC8		015174	W	E
via		071173	SW	NE
via		172184	NW	NE
via		126/ 282241	NW	E
via		424½222	W	S
via		483141	NW	S
via	Service D - Showground	485137	NW	SE
via	Exit Service D	487135½	NW	S
ATC9	Stage 9 – Showground	487134	N	
FTC9		485135		E
PC9		485135	W	S
MC5	Finish	485½134½	W	N

# 'Tulip' Road Book

## Introduction

The Road book describes the route for the whole rally, including Special Stages, by 'tulip' diagrams.

Junctions on road sections where the route is obvious have not been included, competitors should simply continue on the road on which they are travelling. The names quoted as appearing on a sign post were those present at the time of survey and cannot be guaranteed.

All speed limits, 'Give Way' and 'Stop' junctions have been shown. Please observe them as the police know you are coming.

Please drive carefully and quietly on Public roads, especially near to forests as they are narrow and there are local residents who will be using them.

There is a measured mile along the A470 as leaving Newtown (between tulip references 2 & 3 in Road Section 0) for competitors wishing to check their trip against the one used during route survey.

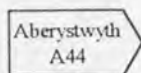
On Special Stages the advanced warning arrow on each hazard or junction will bear the same number as the corresponding 'tulip' in the road book.

A thick black line in the right hand side of the Information column indicates that Emergency service is **not** permitted in these areas.

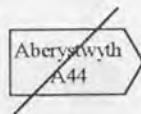
## Key to Symbols used in the Road Book



'Tulip'. Approach from dot. Depart towards arrowhead.



Signpost - Enclosing directions to follow.



Signpost - Enclosing directions not to follow.

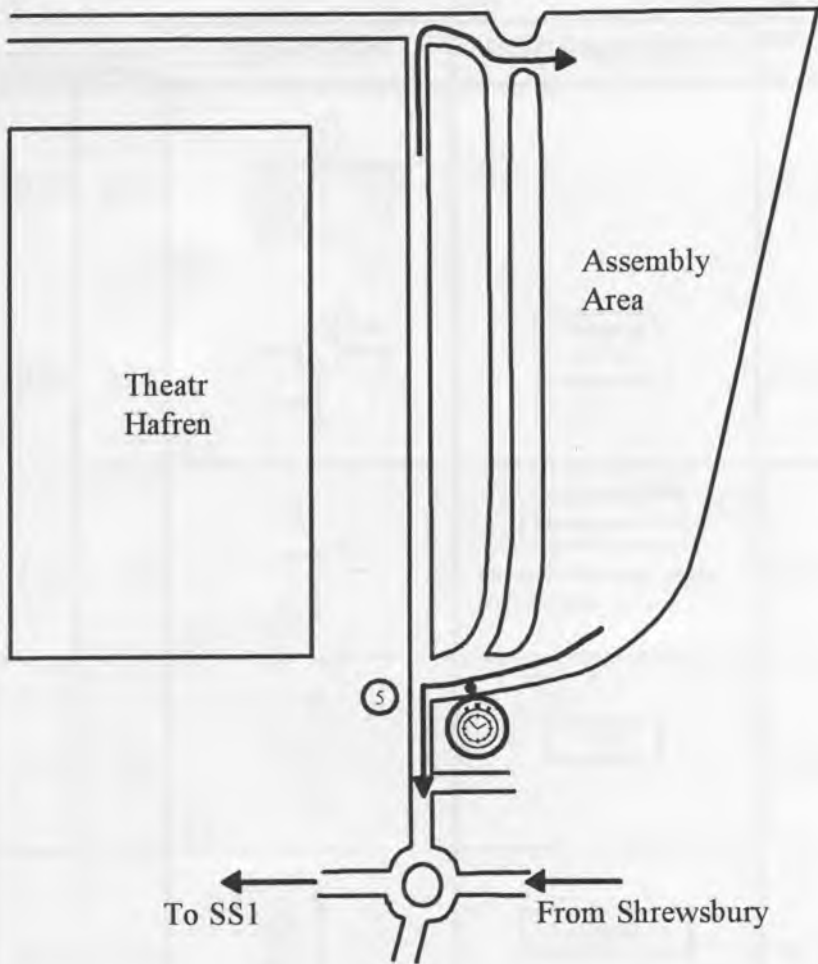


Traffic Island.

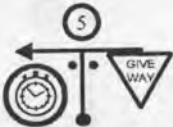
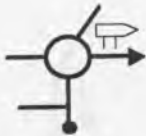



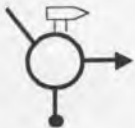
Key to Symbols used in the Road Book (Continued)

	Radio point		Service
	Doctor		Time Control
	Traffic lights		Passage Control
	Bridge		Stage start Control
	Village or town		Flying finish
	House or building		Stage finish Control
	Telephone kiosk		Care
	Speed limit in miles per hour		Great Care
	Give Way to main road		Extreme Care
	Stop at junction		Brow or crest
	No Entry		
	Petrol available		

# Newtown Start











Arrive at least 20 minutes before due start time.  
Map reference 136/092905

RS	0	NEWTOWN	MC1	MC1	TIME		PAGE	4
VIA		TO			TARGET	53 MINS	DISTANCE	26.33 MILES
PC	-	HAFREN SOUTH	ATC1		DUE		AVERAGE	29.81 MPH
MILES		DIRECTION		INFORMATION				MILES to TC
TOTAL	INTERVAL							
0.00	0.00			MC1				26.33
		0						
0.03	0.03			<div style="border: 1px solid black; padding: 5px; display: inline-block;">           Llangurig (A470) Machynlleth A489         </div>				26.30
		1						
4.41	4.38			<div style="border: 1px solid black; padding: 5px; display: inline-block;">           Llangurig A470         </div> Measured mile starts on the level crossing.				21.92
		2						
5.41	1.00			<div style="border: 1px solid black; padding: 5px; display: inline-block;">             1 MILE           </div>				20.92
		3						
6.20	0.79			<div style="border: 1px solid black; padding: 5px; display: inline-block;">             LLANDINUM           </div>				20.13
		4						
17.02	10.82			<div style="border: 1px solid black; padding: 5px; display: inline-block;">           Aberystwyth A44         </div>				9.31
		5						








RS	0	NEWTOWN	MC1	MC1 TIME		PAGE	5
VIA		TO		TARGET	53 MINS.	DISTANCE	26.33 MILES
PC	-	HAFREN SOUTH	ATC1	DUE		AVERAGE	29.81 MPH
MILES		DIRECTION		INFORMATION			MILES to TC
TOTAL	INTERVAL						
17.19	0.17	6		LLANGURIG			9.14
20.50	3.31	7					5.83
24.04	3.54	8					2.29
26.33	2.29	9		ATC1 Onto gravel.			0.00
26.42	0.09	10		SS1			



STAGE	HAFREN SOUTH		GRAVEL 8.73 MILES	PAGE	6
	Stage starts off relatively fast but gets progressively tighter and rougher towards the end. Some logging in process.		ASPHALT 0.00 MILES	BOGEY	8m 10s
1			TOTAL 8.73 MILES	TARGET	18m 00s
MILES		DIRECTION	INFORMATION		MILES to FF
TOTAL	INTERVAL				
0.00	0.00	 0	START SS1		8.73
0.69	0.69	 1			8.04
0.89	0.20	 2	CARE over crest.		7.84
1.45	0.56	 3			7.28

STAGE	HAFREN SOUTH		GRAVEL 8.73 MILES	PAGE	7
	Stage starts off relatively fast but gets progressively tighter and rougher towards the end. Some logging in process.		ASPHALT 0.00 MILES	BOGEY	8m 10s
1			TOTAL 8.73 MILES	TARGET	18m 00s
MILES		DIRECTION	INFORMATION	MILES to FF	
TOTAL	INTERVAL				
1.92	0.47			6.81	
		4			
1.99	0.07			6.74	
		5			
2.09	0.10			6.64	
		6			
2.19	0.10		6.54		
		7			
2.76	0.57		Firebreak!	5.97	
		8			
3.37	0.61			5.36	
		9			








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STAGE	HAFREN SOUTH		GRAVEL 8.73 MILES	PAGE	8
	Stage starts off relatively fast but gets progressively tighter and rougher towards the end. Some logging in process.		ASPHALT 0.00 MILES	BOGEY	8m 10s
1			TOTAL 8.73 MILES	TARGET	18m 00s
MILES		DIRECTION	INFORMATION	MILES to FF	
TOTAL	INTERVAL				
3.84	0.47	 10	CARE!		4.89
4.86	1.02	 11			3.87
5.34	0.48	 12			3.39
5.64	0.30	 13			3.09
5.73	0.09	 14			3.00
8.58	2.85	 15			0.15









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STAGE	HAFREN SOUTH		GRAVEL 8.73 MILES	PAGE	9
	Stage starts off relatively fast but gets progressively tighter and rougher towards the end. Some logging in process.		ASPHALT 0.00 MILES	BOGEY	8m 10s
1			TOTAL 8.73 MILES	TARGET	18m 00s
MILES		DIRECTION	INFORMATION	MILES to FF	
TOTAL	INTERVAL				
8.73	0.15	<p>Through Quarry</p>			0.00
8.94	0.21	<p>STOP</p>	FTC1		

RS	1	HAFREN SOUTH	FTC1	FTC1	TIME	PAGE	10
				VIA	-	HAFREN NORTH	ATC2
PC	-			DUE		AVERAGE	10.68 MPH
MILES		DIRECTION		INFORMATION			MILES to TC
TOTAL	INTERVAL						
0.00	0.00	0		FTC1			1.78
0.04	0.04	1					1.74
0.27	0.23	2					1.51
1.78	1.51	3		ATC2			0.00
1.86	0.08	4		SS2			

STAGE	HAFREN NORTH		GRAVEL 13.36 MILES	PAGE	11
	Smooth wide tracks for the majority of this stage.		ASPHALT 00.00 MILES	BOGEY	12m 20s
2			TOTAL 13.36 MILES	TARGET	27m 00s
MILES		DIRECTION	INFORMATION	MILES to FF	
TOTAL	INTERVAL				
0.00	0.00		START SS2		13.36
		0			
0.10	0.10		CARE - Narrow bridge with kerbs.		13.26
		1			
0.31	0.21				13.05
		2			
0.42	0.11				12.94
		3			
0.57	0.15				12.79
		4			
1.69	1.12				11.67
		5			






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STAGE		HAFREN NORTH		GRAVEL 13.36 MILES	PAGE	12
2		Smooth wide tracks for the majority of this stage.		ASPHALT 00.00 MILES	BOGEY	12m 20s
				TOTAL 13.36 MILES	TARGET	27m 00s
MILES		DIRECTION	INFORMATION	MILES to FF		
TOTAL	INTERVAL					
2.35	0.66			11.01		
		6				
2.93	0.58			10.43		
		7				
3.02	0.09			10.34		
		8				
3.65	0.63			9.71		
		9				
4.89	1.24			8.47		
		10				
5.04	0.15			8.32		
		11				







STAGE	HAFREN NORTH		GRAVEL 13.36 MILES	PAGE	13
	Smooth wide tracks for the majority of this stage.		ASPHALT 00.00 MILES	BOGEY	12m 20s
2			TOTAL 13.36 MILES	TARGET	27m 00s
MILES		DIRECTION	INFORMATION	MILES to FF	
TOTAL	INTERVAL				
5.30	0.26	 12			8.06
8.01	2.71	 13			5.35
9.55	1.54	 14			3.81
10.68	1.13	 15			2.68

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STAGE	HAFREN NORTH		GRAVEL 13.36 MILES	PAGE	14
	Smooth wide tracks for the majority of this stage.		ASPHALT 00.00 MILES	BOGEY	12m 20s
2			TOTAL 13.36 MILES	TARGET	27m 00s
MILES		DIRECTION	INFORMATION	MILES to FF	
TOTAL	INTERVAL				
11.95	1.27	 16			1.41
12.54	0.59	 17			0.82
13.36	0.82	 18			0.00
13.51	0.15		FTC2		

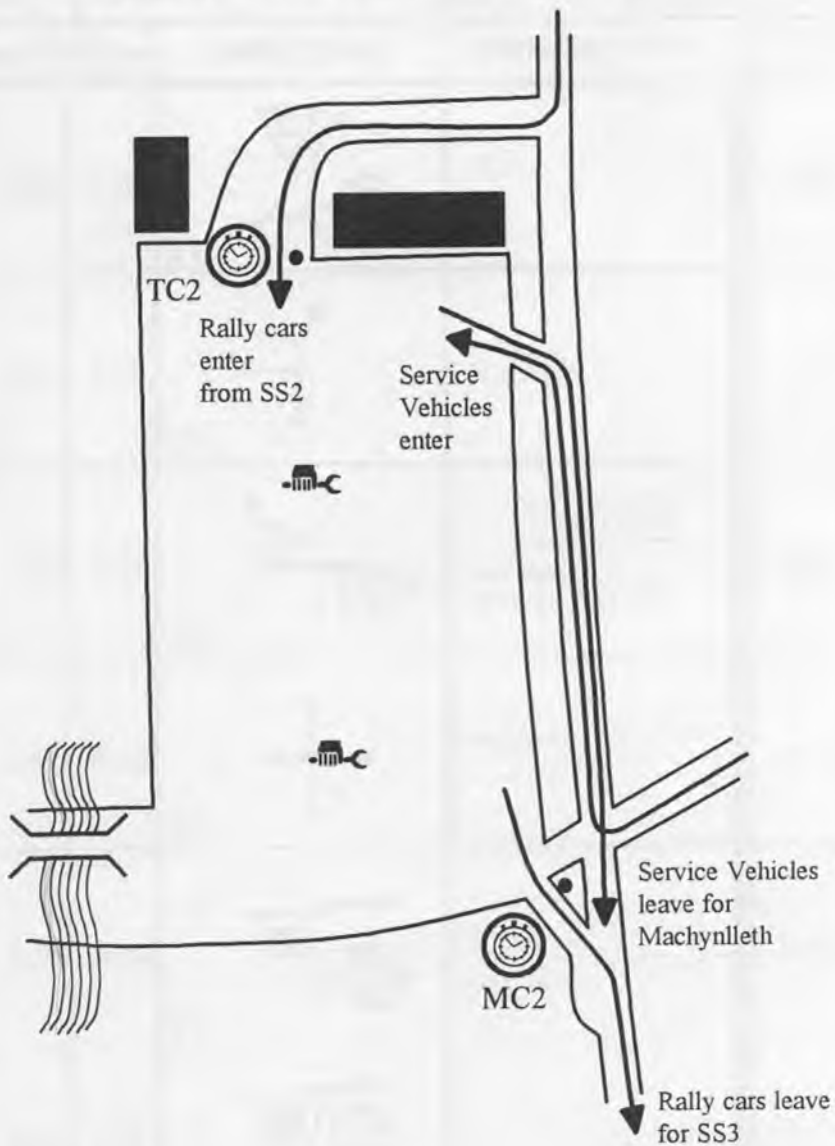
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RS	2a	HAFREN NORTH	FTC2	FTC2 TIME		PAGE	15
VIA	2	TO	TC2	TARGET	25 MINS.	DISTANCE	7.79 MILES
PC	2	SWEET LAMB	TC2	DUE		AVERAGE	18.70 MPH
MILES		DIRECTION		INFORMATION			MILES
TOTAL	INTERVAL						to TC
0.00	0.00	0		FTC2			7.79
0.16	0.16	1		PC2 - Hand in time cards. Onto asphalt.			7.63
2.66	2.50	2					5.13
3.46	0.80	3		SEVERN WAY Onto gravel. Ignore 'No Entry' sign.			4.33
3.62	0.16	4					4.17
4.12	0.50	5					3.67









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RS	2a	HAFREN NORTH	FTC2	FTC2 TIME	PAGE	16	
VIA	2	TO	TC2	TARGET	25 MINS	DISTANCE	7.79 MILES
PC	2	SWEET LAMB	TC2	DUE		AVERAGE	18.70 MPH
MILES		DIRECTION	INFORMATION	MILES to TC			
TOTAL	INTERVAL						
4.39	0.27	 6			3.40		
5.89	1.50	 7			1.90		
7.35	1.46	 8			0.44		
7.74	0.39	 9			0.05		
7.79	0.05	 10	TC2 Service Area IN.		0.00		





# Service area A - Sweet Lamb



RS	2b	SWEET LAMB	MC2	MC2	TIME	PAGE	18
VIA		TO		TARGET	10 MINS	DISTANCE	2.20 MILES
PC	-	TARENIG	ATC3	DUE		AVERAGE	13.20 MPH
MILES		DIRECTION		INFORMATION			MILES to TC
TOTAL	INTERVAL						
0.00	0.00			MC2			2.20
		0					
0.90	0.90						1.30
		1					
1.86	0.96			<div style="border: 1px solid black; padding: 2px; display: inline-block;">CEREDIGION</div> Onto asphalt. Ignore 'No Entry' sign			0.34
		2					
2.04	0.18			Onto gravel.			0.16
		3					
2.20	0.16			ATC3			0.00
		4					
2.25	0.05			SS3			
		5					




STAGE	TARENIG Bumpy from junctions 3 to 5 but generally smooth and fast		GRAVEL	9.18 MILES	PAGE	19
			ASPHALT	0.00 MILES	BOGEY	8m 30s
3			TOTAL	9.18 MILES	TARGET	19m 00s
MILES		DIRECTION	INFORMATION			MILES to FF
TOTAL	INTERVAL					
0.00	0.00		START SS3		9.18	
1.03	1.03				8.15	
1.29	0.26				7.89	
1.48	0.19		Large drops on left hand side after this junction.		7.70	
3.12	1.64		EXTREME CARE - RAC caution. Big drop on outside of right hand bend.		6.06	
3.70	0.58				5.48	












STAGE	TARENIG Bumpy from junctions 3 to 5 but generally smooth and fast		GRAVEL	9.18 MILES	PAGE	20
			ASPHALT	0.00 MILES	BOGEY	8m 30s
3			TOTAL	9.18 MILES	TARGET	19m 00s
MILES		DIRECTION	INFORMATION			MILES to FF
TOTAL	INTERVAL					
4.36	0.66	 6				4.82
5.03	0.67	 7	CARE - Narrow bridge with kerbs.			4.15
5.10	0.07	 8				4.08
6.30	1.20	 9				2.88
						
						









STAGE	TARENIG Bumpy from junctions 3 to 5 but generally smooth and fast		GRAVEL	9.18 MILES	PAGE	21
			ASPHALT	0.00 MILES	BOGEY	8m 30s
3			TOTAL	9.18 MILES	TARGET	19m 00s
MILES		DIRECTION	INFORMATION			MILES to FF
TOTAL	INTERVAL					
8.24	1.94	 10				0.94
9.18	0.94	 11				0.00
9.29	0.11	 □	FTC3			
		□				
		□				
		□				







Bulldog Rally 1998




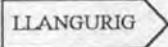

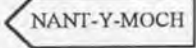

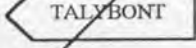



RS	3	TARENIG	FTC3	FTC3 TIME		PAGE	22
VIA	-	TO	ATC4	TARGET	5 MINS	DISTANCE	0.80 MILES
PC	-	MYHERIN		DUE		AVERAGE	9.60 MPH
MILES		DIRECTION	INFORMATION	MILES			
TOTAL	INTERVAL			to TC			
0.00	0.00		FTC3 Drive slowly to stage 4.		0.80		
0.80	0.80		ATC4		0.00		
0.83	0.03		SS4				










STAGE	MYHERIN Good smooth stage with some tricky bends just after start.		GRAVEL	5.11 MILES	PAGE	23
			ASPHALT	0.00 MILES	BOGEY	4m 45s
4			TOTAL	5.11 MILES	TARGET	11m 00s
MILES		DIRECTION	INFORMATION		MILES to FF	
TOTAL	INTERVAL					
0.00	0.00	 	START SS4	 	5.11	
		0				
0.23	0.23		CARE over crest.		4.88	
		1				
1.04	0.81				4.07	
		2				
2.10	1.06				3.01	
		3				
3.08	0.98				2.03	
		4				
3.30	0.22				1.81	
		5				

STAGE	MYHERIN		GRAVEL 5.11 MILES	PAGE	24
	Good smooth stage with some tricky bends just after start.		ASPHALT 0.00 MILES	BOGEY	4m 45s
4			TOTAL 5.11 MILES	TARGET	11m 00s
MILES		DIRECTION	INFORMATION	MILES to FF	
TOTAL	INTERVAL				
4.43	1.13				0.68
5.11	0.68				0.00
5.21	0.10		FTC4		
					
					
					
					







RS	4	MYHERIN	FTC4	FTC4 TIME		PAGE	25
VIA	4	TO	ATC5	TARGET	45 MINS	DISTANCE	18.07 MILES
PC	4	TALIESIN		DUE		AVERAGE	24.09 MPH
MILES		DIRECTION	INFORMATION	MILES			
TOTAL	INTERVAL			to TC			
0.00	0.00		FTC4		18.07		
		0					
0.09	0.09		No management vehicles permitted in picnic area to right of junction. Maximum of 10 minutes allowed for emergency service.		17.98		
		1					
0.98	0.89				17.09		
		2					
1.09	0.11				16.98		
		3					
1.27	0.18		Onto asphalt. CARE as joining main road.		16.80		
		4					
3.94	2.67		Ponterwyd A4120 Llangurig (A44)		14.13		
		5	PC4 - Hand in time cards.				





Bulldog Rally 1998

RS	4	MYHERIN	FTC4	FTC4 TIME		PAGE	26
VIA		TO		TARGET	45 MINS	DISTANCE	18.07 MILES
PC	4	TALIESIN	ATC5	DUE		AVERAGE	24.09 MPH
MILES		DIRECTION	INFORMATION	MILES			
TOTAL	INTERVAL			to TC			
6.98	3.04	 6		11.09			
7.24	0.26	 7		10.83			
16.75	9.51	 8	 Onto gravel.	1.32			
17.47	0.72	 9		0.60			
18.07	0.60	 10	ATC5 Ignore 'No Entry' sign.	0.00			
18.12	0.05	 11	SS5				




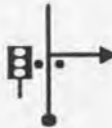


STAGE	TALIESIN		GRAVEL 10.02 MILES	PAGE	27
	Predominantly down hill and fairly fast with a tight rougher uphill section between junctions 4 and 5.		ASPHALT 0.00 MILES	BOGEY	9m 15s
5			TOTAL 10.02 MILES	TARGET	20m 00s
MILES		DIRECTION	INFORMATION	MILES to FF	
TOTAL	INTERVAL				
0.00	0.00	 0	START SS5 	10.02	
2.49	2.49	 1		7.53	
3.09	0.60	 2		6.93	
3.59	0.50	 3		6.43	
4.65	1.06	 4		5.37	
5.81	1.16	 5		4.21	

Bulldog Rally 1998

STAGE	TALIESIN		GRAVEL 10.02 MILES	PAGE	28
	Predominantly down hill and fairly fast with a tight rougher uphill section between junctions 4 and 5.		ASPHALT 0.00 MILES	BOGEY	9m 15s
5			TOTAL 10.02 MILES	TARGET	20m 00s
MILES		DIRECTION	INFORMATION	MILES to FF	
TOTAL	INTERVAL				
8.53	2.72			1.49	
		6			
8.91	0.38			1.11	
		7			
10.02	1.11			0.00	
		8			
10.15	0.13		FTC5 		

RS	5a	TALIESIN	FTC5	FTC5 TIME	PAGE	29	
VIA	5	TO	TC5a	TARGET	20 MINS	DISTANCE	7.54 MILES
PC		MACHYNLLETH		DUE		AVERAGE	22.62 MPH
MILES		DIRECTION		INFORMATION		MILES to TC	
TOTAL	INTERVAL						
0.00	0.00			FTC5		7.54	
		0					
0.22	0.22			Onto asphalt.		7.32	
		1					
1.16	0.94			<div style="border: 1px solid black; padding: 2px; display: inline-block;">FFWRNAIS FURNACE</div> PC5 - Hand in time card.		6.38	
		2					
5.30	4.14					2.24	
		3					

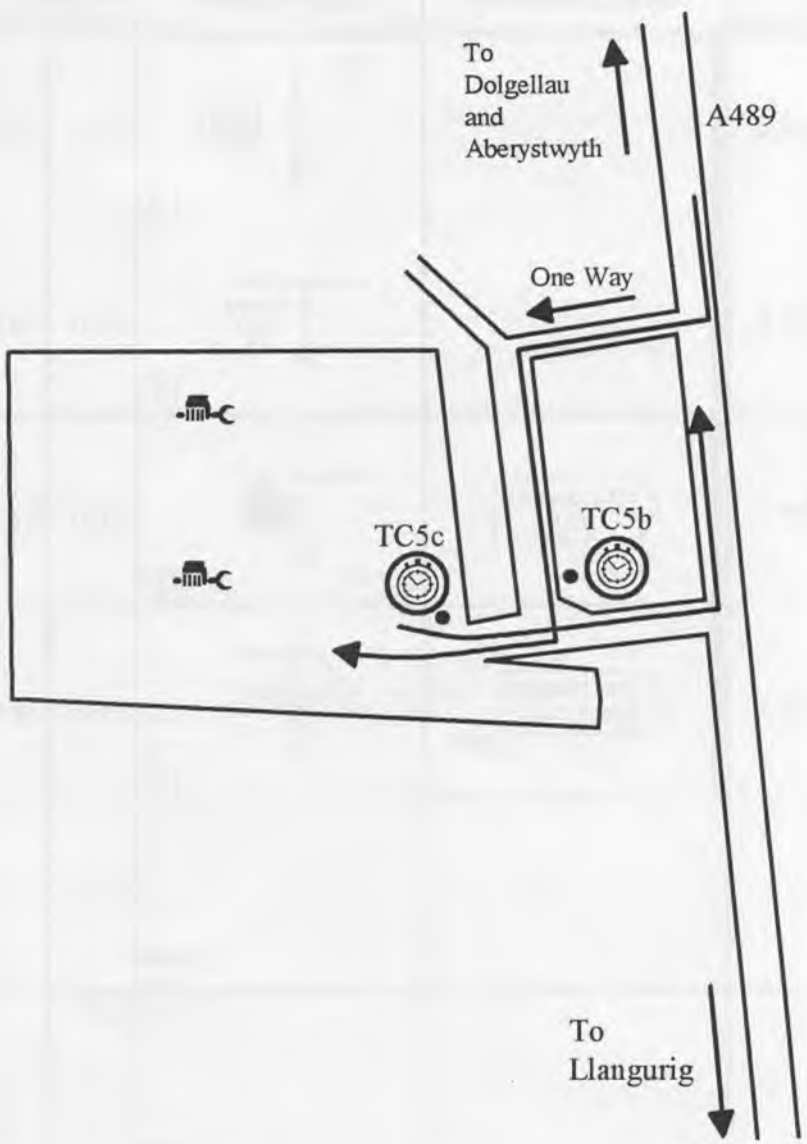






RS	5a	TALIESIN	FTC5	FTC5 TIME	PAGE	30
VIA	5	TO	TC5a	TARGET	DISTANCE	7.54 MILES
PC		MACHYNLLETH		DUE	AVERAGE	22.62 MPH
MILES		DIRECTION	INFORMATION	MILES to TC		
TOTAL	INTERVAL					
7.04	1.74		<div style="border: 1px solid black; padding: 5px; display: inline-block;">           Dolgellau A487            Drenewydd            Newtown (A4879)         </div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-top: 5px;">           Machynlleth         </div>		0.50	
7.21	0.17		<div style="border: 1px solid black; padding: 5px; display: inline-block;">           Machynlleth         </div> Mini Roundabouts		0.33	
7.38	0.17		<div style="border: 1px solid black; padding: 5px; display: inline-block;">           Newtown            Drenewydd            Welshpool            Trallwng            A489 (A470)         </div>		0.16	
7.45	0.07		Turn right immediately after pelican crossing.		0.09	
7.49	0.04				0.05	
7.54	0.05		TC5a Service IN.		0.00	

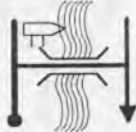





Bulldog Rally 1998

RS	5b	SERVICE IN	TC5a	TC5a TIME		PAGE	31
VIA		TO		TARGET	20 MINS.	DISTANCE	0.00 MILES
PC	-	SERVICE OUT	TC5b	DUE		AVERAGE	0.00 MPH
MILES		DIRECTION		INFORMATION			MILES to TC
TOTAL	INTERVAL						
0.00	0.00			TC5a Service IN.			0.00
		0					
0.00	0.00			TC5b Service OUT.			0.00
		1					









# Service area B - Machynlleth











RS	5c	MACHYNLLETH TO REGROUP	TC5b TC5c	TC5b TIME	PAGE	33
				TARGET	12 MINS.	DISTANCE
VIA	PC	-		DUE	AVERAGE	24.75 MPH
MILES		DIRECTION	INFORMATION	MILES to TC		
TOTAL	INTERVAL					
0.00	0.00		TC5b	4.95		
0.05	0.05			4.90		
0.18	0.13		DOLGELLAU A487	4.77		
0.93	0.75		DOLGELLAU A487 (A470)	4.02		










RS	5c	MACHYNLLETH	TC5b	TC5b TIME	PAGE	34	
VIA	PC	TO	TC5c	TARGET	12 MINS	DISTANCE	4.95 MILES
	-	REGROUP		DUE		AVERAGE	24.75 MPH
MILES		DIRECTION		INFORMATION			MILES to TC
TOTAL	INTERVAL						
4.57	3.64	4		ESGAIRGEILIOG CEINWS			0.38
4.69	0.12	5		ESGAIRGEILIOG CEINWS			0.26
4.83	0.14	6		Onto gravel.			0.12
4.95	0.12	7		TC5c Regroup IN.			0.00
5.18	0.23	8		MC3 Regroup OUT.			
5.23	0.05	9		SS6			

Bulldog Rally 1998

STAGE	DYFI MAIN		GRAVEL 11.28 MILES	PAGE	35
	Fairly tight to junction 2 but then opens out into a fast flowing stage.		ASPHALT 0.00 MILES	BOGEY	10m 25s
6			TOTAL 11.28 MILES	TARGET	23m 00s
MILES		DIRECTION	INFORMATION	MILES to FF	
TOTAL	INTERVAL				
0.00	0.00		START SS6 	11.28	
		0			
0.22	0.22			11.06	
		1			
0.72	0.50			10.56	
		2			
1.09	0.37			10.19	
		3			
1.88	0.79			9.40	
		4			
2.63	0.75			8.65	
		5			







Bulldog Rally 1998

STAGE	DYFI MAIN		GRAVEL 11.28 MILES	PAGE	36
	Fairly tight to junction 2 but then opens out into a fast flowing stage.		ASPHALT 0.00 MILES	BOGEY	10m 25s
6			TOTAL 11.28 MILES	TARGET	23m 00s
MILES		DIRECTION	INFORMATION	MILES to FF	
TOTAL	INTERVAL				
2.90	0.27				8.38
		6			
4.34	1.44				6.94
		7			
4.74	0.40				6.54
		8			
5.35	0.61				5.93
		9			
5.84	0.49				5.44
		10			
6.73	0.89		CARE - Large drop on outside of bend.		4.55
		11			

STAGE	DYFI MAIN Fairly tight to junction 2 but then opens out into a fast flowing stage.		GRAVEL 11.28 MILES	PAGE	37
			ASPHALT 0.00 MILES	BOGEY	10m 25s
6			TOTAL 11.28 MILES	TARGET	23m 00s
MILES		DIRECTION	INFORMATION	MILES to FF	
TOTAL	INTERVAL				
8.26	1.53	 12		3.02	
8.62	0.36	 13		2.66	
8.95	0.33	 14		2.33	
10.11	1.16	 15		1.17	
11.28	1.17	 16		0.00	
11.41	0.13	 17	FTC6 		

Bulldog Rally 1998

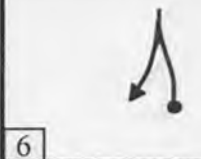
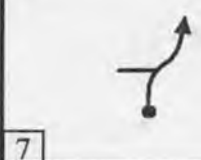



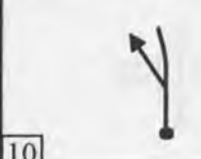




RS	6	DYFI MAIN TO GARTHEINIOG	FTC6 ATC7	FTC6 TIME	PAGE	38
				TARGET	10 MINS	DISTANCE
VIA	PC	-		DUE	AVERAGE	4.80 MPH
MILES		DIRECTION	INFORMATION	MILES to TC		
TOTAL	INTERVAL					
0.00	0.00	 0	FTC6	0.80		
0.08	0.08	 1	Onto asphalt.	0.72		
0.28	0.20	 2	Onto gravel. Ignore 'No Entry'.	0.52		
0.74	0.46	 3		0.06		
0.80	0.06	 4	ATC7	0.00		
0.86	0.06	 5	SS7			









Bulldog Rally 1998

STAGE	GARTHEINIOG		GRAVEL 12.38 MILES	PAGE	39
	Fastest stage of rally, a little tight at first but then opens out.		ASPHALT 0.41 MILES	BOGEY	11m 47s
7			TOTAL 12.79 MILES	TARGET	26m 00s
MILES		DIRECTION	INFORMATION	MILES to FF	
TOTAL	INTERVAL				
0.00	0.00	 0	START SS7 	12.79	
1.21	1.21	 1		11.58	
1.34	0.13	 2		11.45	
1.65	0.31	 3		11.14	
2.44	0.79	 4		10.35	
2.65	0.21	 5		10.14	

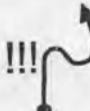



Bulldog Rally 1998

STAGE	GARTHEINIOG		GRAVEL 12.38 MILES	PAGE	40
	Fastest stage of rally, a little tight at first but then opens out.		ASPHALT 0.41 MILES	BOGEY	11m 47s
7			TOTAL 12.79 MILES	TARGET	26m 00s
MILES		DIRECTION	INFORMATION	MILES to FF	
TOTAL	INTERVAL				
4.70	2.05				8.09
4.87	0.17				7.92
5.18	0.31				7.61
5.39	0.21				7.40
6.18	0.79				6.61
8.11	1.93		CARE - Steep and muddy to next junction. 		4.68


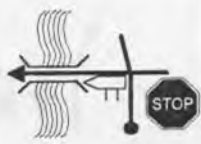





Bulldog Rally 1998

STAGE	GARTHEINI OG		GRAVEL 12.38 MILES	PAGE	41
	Fastest stage of rally, a little tight at first but then opens out.		ASPHALT 0.41 MILES	BOGEY	11m 47s
7			TOTAL 12.79 MILES	TARGET	26m 00s
MILES		DIRECTION	INFORMATION	MILES to FF	
TOTAL	INTERVAL				
8.40	0.29	 12			4.39
9.38	0.98	 13			3.41
10.29	0.91	 14	Onto asphalt. 		2.50
10.54	0.25	 15			2.25
10.70	0.16	 16	Onto gravel.		2.09
11.00	0.30	 17			1.79





Bulldog Rally 1998

STAGE	GARTHEINI OG		GRAVEL 12.38 MILES	PAGE	42
	Fastest stage of rally, a little tight at first but then opens out.		ASPHALT 0.41 MILES	BOGEY	11m 47s
7			TOTAL 12.79 MILES	TARGET	26m 00s
MILES		DIRECTION	INFORMATION	MILES	
TOTAL	INTERVAL			to FF	
12.08	1.08	 <div style="border: 1px solid black; padding: 2px; width: 20px; margin-left: 10px;">18</div>	EXTREME CARE - RAC caution.		0.71
12.79	0.71	 <div style="border: 1px solid black; padding: 2px; width: 20px; margin-left: 10px;">19</div>			0.00
13.12	0.33	 <div style="border: 1px solid black; width: 20px; height: 10px; margin-left: 10px;"></div>	FTC7 		
		<div style="border: 1px solid black; width: 20px; height: 10px; margin-left: 10px;"></div>			
		<div style="border: 1px solid black; width: 20px; height: 10px; margin-left: 10px;"></div>			
		<div style="border: 1px solid black; width: 20px; height: 10px; margin-left: 10px;"></div>			
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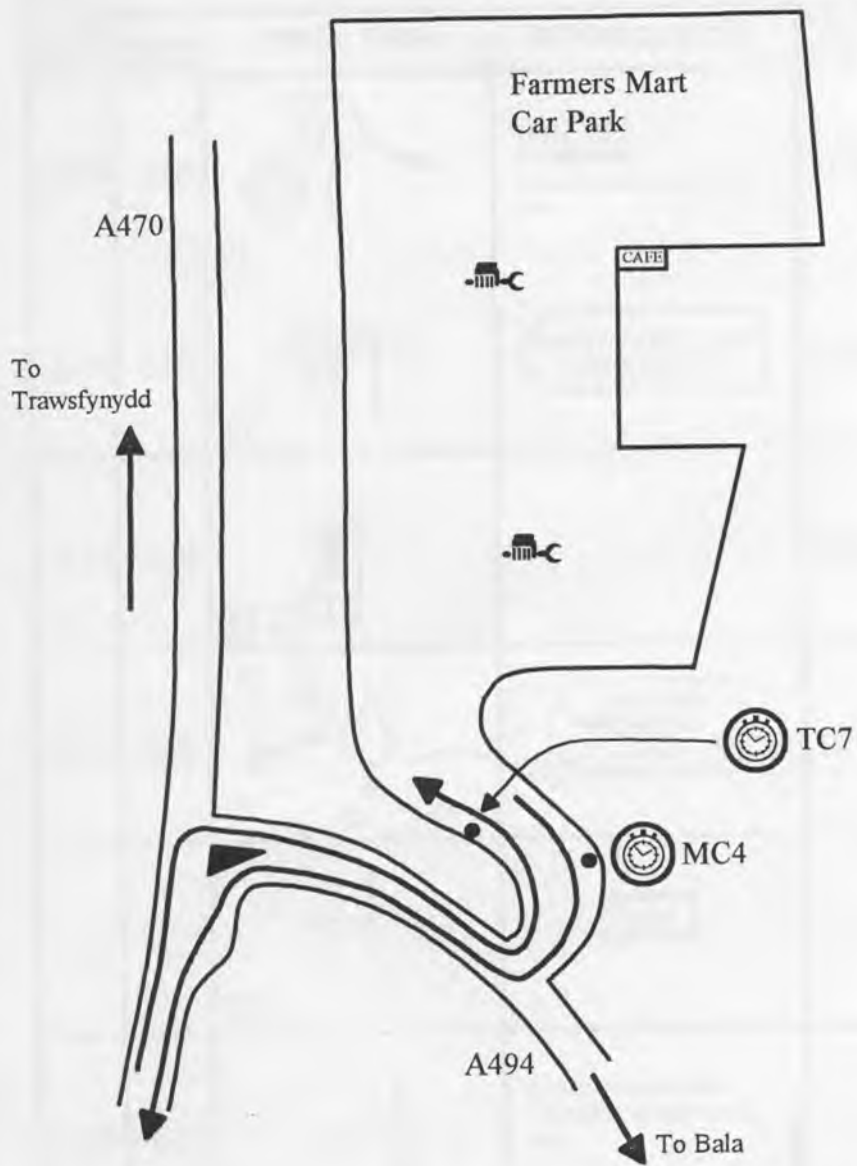
Bulldog Rally 1998

RS	7a	GARTHEINIOG	FTC7	FTC7 TIME		PAGE	43
VIA	7	TO	TC7	TARGET	30 MINS.	DISTANCE	13.93 MILES
PC		DOLGELLAU		DUE		AVERAGE	27.86 MPH
MILES		DIRECTION	INFORMATION	MILES to TC			
TOTAL	INTERVAL						
0.00	0.00		FTC7	13.93			
		0					
0.45	0.45			13.48			
		1					
0.49	0.04			13.44			
		2					
1.50	1.01		PC7 - Hand in time cards.	12.43			
		3					
3.01	1.51			10.92			
		4					
4.23	1.22			9.70			
		5					

Bulldog Rally 1998

RS	7a	GARTHEINIOG TO DOLGELLAU	FTC7 TC7	FTC7 TIME	PAGE	44
				TARGET	30 MINS.	DISTANCE
VIA PC	7			DUE	AVERAGE	27.86 MPH
MILES		DIRECTION	INFORMATION	MILES to TC		
TOTAL	INTERVAL					
13.83	9.60	 6	 7	 BALA A494	0.10	
13.93	0.10	 7	TC7 Service area IN.		0.00	




# Service area C - Dolgellau














RS	7b	DOLGELLAU	MC4	MC4 TIME	PAGE	46	
VIA	PC	TO	ATC8	TARGET	43 MINS	DISTANCE	21.46 MILES
		DYFNANT		DUE		AVERAGE	29.94 MPH
MILES		DIRECTION		INFORMATION		MILES to TC	
TOTAL	INTERVAL						
0.00	0.00			MC4 Service OUT. Zero trip as joining public road.		21.46	
		0					
0.07	0.07			MACHYNLETH (A487) LLANGURIG A470		21.39	
		1					
0.74	0.67					20.72	
		2					
10.74	10.00			TRALLWNG WELSHPOOL A458		10.72	
		3					
19.92	9.18			FOEL		1.54	
		4					
20.09	0.17			CARE - Narrow road. Post Office on right hand side.		1.37	
		5					




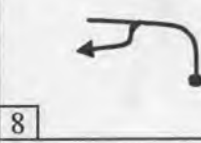
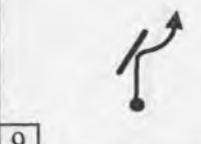



Bulldog Rally 1998

RS	7b	DOLGELLAU TO DYFNANT	MC4 ATC8	MC4	TIME	PAGE	47
				TARGET	43 MINS	DISTANCE	21.46 MILES
VIA	PC	-		DUE		AVERAGE	29.94 MPH
MILES		DIRECTION	INFORMATION	MILES to TC			
TOTAL	INTERVAL						
21.33	1.24		Onto gravel.		0.13		
		6					
21.46	0.13		ATC8		0.00		
		7					
21.48	0.02		SS8				
		8					









Bulldog Rally 1998

STAGE	DYFNANT Fairly narrow sections at start and finish but mostly a smooth flowing stage.		GRAVEL 10.29 MILES	PAGE	48
			ASPHALT 0.00 MILES	BOGEY	9m 30s
8			TOTAL 10.29 MILES	TARGET	21m 00s
MILES		DIRECTION	INFORMATION	MILES to FF	
TOTAL	INTERVAL				
0.00	0.00	 0	START SS8 	10.29	
1.15	1.15	 1		9.14	
1.85	0.70	 2		8.44	
2.19	0.34	 3		8.10	
3.41	1.22	 4		6.88	
3.59	0.18	 5		6.70	









Bulldog Rally 1998








STAGE	DYFNANT		GRAVEL 10.29 MILES	PAGE	49
	Fairly narrow sections at start and finish but mostly a smooth flowing stage.		ASPHALT 0.00 MILES	BOGEY	9m 30s
8			TOTAL 10.29 MILES	TARGET	21m 00s
MILES		DIRECTION	INFORMATION	MILES to FF	
TOTAL	INTERVAL				
4.63	1.04				5.66
4.97	0.34				5.32
6.07	1.10				4.22
7.00	0.93				3.29
7.70	0.70				2.59
8.32	0.62				1.97

Bulldog Rally 1998

STAGE	DYFNANT Fairly narrow sections at start and finish but mostly a smooth flowing stage.		GRAVEL 10.29 MILES	PAGE	50
			ASPHALT 0.00 MILES	BOGEY	9m 30s
8			TOTAL 10.29 MILES	TARGET	21m 00s
MILES		DIRECTION	INFORMATION	MILES to FF	
TOTAL	INTERVAL				
8.52	0.20	 12			1.77
8.65	0.13	 13			1.64
8.82	0.17	 14			1.47
9.32	0.50	 15			0.97
9.49	0.17	 16			0.80
10.11	0.62	 17			0.18

Bulldog Rally 1998

STAGE	DYFNANT		GRAVEL 10.29 MILES	PAGE	51
	Fairly narrow sections at start and finish but mostly a smooth flowing stage.		ASPHALT 0.00 MILES	BOGEY	9m 30s
8			TOTAL 10.29 MILES	TARGET	21m 00s
MILES		DIRECTION	INFORMATION	MILES to FF	
TOTAL	INTERVAL				
10.29	0.18			0.00	
		18			
10.43	0.14		FTC8 		
					
					
					
					
					

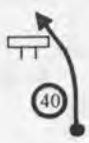





RS	8	DYFNANT	FTC8	FTC8 TIME		PAGE	52
VIA		TO		TARGET	80 MINS	DISTANCE	39.69 MILES
PC	8	SHOW GROUND	ATC9	DUE		AVERAGE	29.77 MPH
MILES		DIRECTION	INFORMATION	MILES to TC			
TOTAL	INTERVAL						
0.00	0.00		FTC8	39.69			
		0					
0.30	0.30		CARE - Very narrow road.		39.39		
		1					
1.24	0.94				38.45		
		2					
2.01	0.77		PC8 - Hand in time cards.	37.68			
		3					
3.65	1.64			36.04			
		4					
6.50	2.85			33.19			
		5					

Bulldog Rally 1998


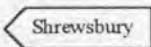


RS	8	DYFNANT	FTC8	FTC8 TIME		PAGE	53
VIA	8	TO		TARGET	80 MINS	DISTANCE	39.69 MILES
PC	8	SHOW GROUND	ATC9	DUE		AVERAGE	29.77 MPH
MILES		DIRECTION	INFORMATION	MILES to TC			
TOTAL	INTERVAL						
10.89	4.39	 6	 	28.80			
13.63	2.74	 7		26.06			
15.06	1.43	 8		24.63			
17.26	2.20	 9		22.43			
20.36	3.10	 10		19.33			
22.46	2.10	 11		17.23			

Bulldog Rally 1998



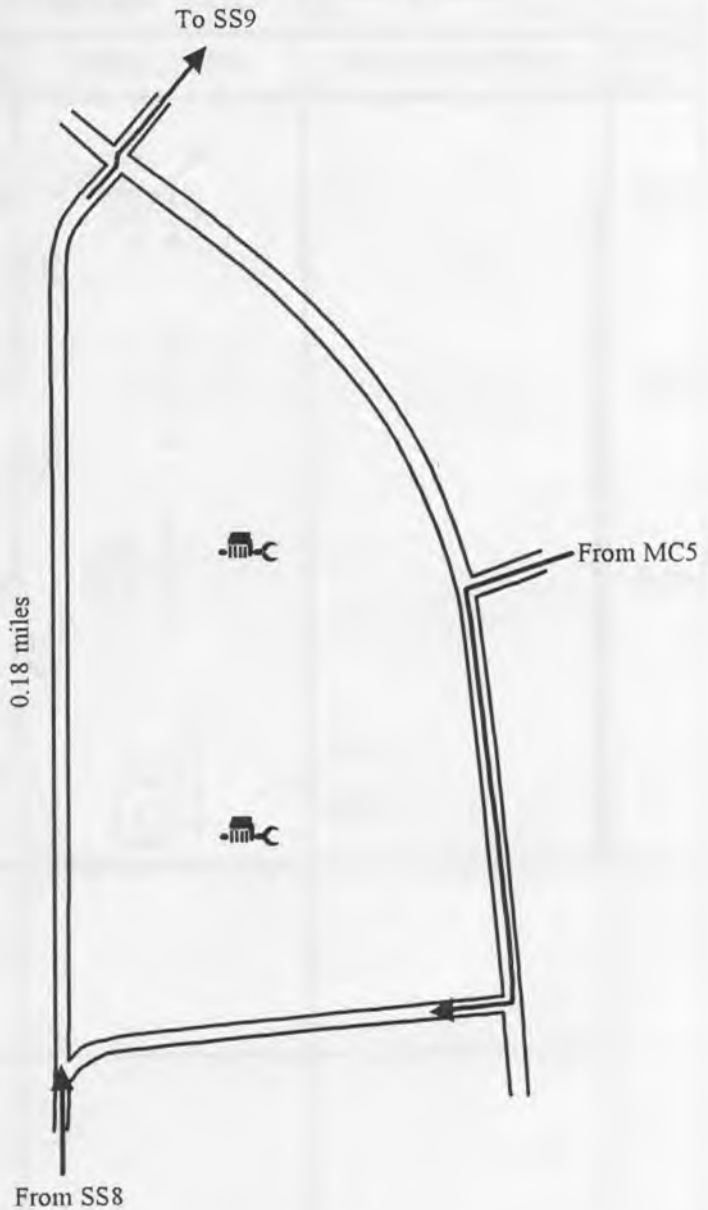
RS	8	DYFNANT	FTC8	FTC8 TIME		PAGE	54
VIA	8	TO	ATC9	TARGET	80 MINS	DISTANCE	39.69 MILES
PC		SHOW GROUND		DUE		AVERAGE	29.77 MPH
MILES		DIRECTION	INFORMATION	MILES to TC			
TOTAL	INTERVAL						
25.79	3.33		<b>KNOCKIN</b>		13.90		
27.13	1.34		Baschurch B4397		12.56		
27.92	0.79		Ruyton XI Towns Baschurch B4397		11.77		
29.81	1.89				9.88		
31.77	1.96		<b>Baschurch</b>		7.92		
32.14	0.37		Shrewsbury Bomere Heath		7.55		

Bulldog Rally 1998





RS	8	DYFNANT	FTC8	FTC8 TIME		PAGE	55
VIA		TO		TARGET	80 MINS	DISTANCE	39.69 MILES
PC	8	SHOW GROUND	ATC9	DUE		AVERAGE	29.77 MPH
MILES		DIRECTION	INFORMATION	MILES			
TOTAL	INTERVAL				to TC		
32.96	0.82	 18			6.73		
39.10	6.14	 19	Onto gravel/grass.		0.59		
39.41	0.31	 20	Enter service area. Please remain in service area until 5 minutes before your due time at ATC9 as space is limited.		0.28		

Bulldog Rally 1998









# Service area D - Show ground









Bulldog Rally 1998








RS	8	DYFNANT TO SHOW GROUND	FTC8 ATC9	FTC8 TIME	PAGE	57
				TARGET	80 MINS.	DISTANCE
VIA	PC	8		DUE	AVERAGE	29.77 MPH
MILES		DIRECTION	INFORMATION	MILES to TC		
TOTAL	INTERVAL					
39.59	0.18	 21			0.10	
39.65	0.06	 22			0.04	
39.69	0.04	 23	ATC9		0.00	
39.73	0.04	 24	SS9			

Bulldog Rally 1998

STAGE	SHOW GROUND		GRAVEL	0.43 MILES	PAGE	58
	9	Short stage with a lot of tight junctions. A bit Mickey Mouse but good for your sponsors.		ASPHALT	0.54 MILES	BOGEY
		TOTAL	0.97 MILES	TARGET	02m 00s	
MILES		DIRECTION	INFORMATION		MILES to FF	
TOTAL	INTERVAL					
0.00	0.00	 	START SS9	 	0.97	
		0				
0.04	0.04				0.93	
		1				
0.11	0.07				0.86	
		2				
0.16	0.05				0.81	
		3				
0.20	0.04		Onto asphalt.		0.77	
		4				




STAGE	SHOW GROUND		GRAVEL 0.43 MILES	PAGE	59
	9	Short stage with a lot of tight junctions. A bit Mickey Mouse but good for your sponsors.		ASPHALT 0.54 MILES	BOGEY
			TOTAL 0.97 MILES	TARGET	02m 00s
MILES		DIRECTION	INFORMATION	MILES to FF	
TOTAL	INTERVAL				
0.27	0.07				0.70
		5			
0.32	0.05				0.65
		6			
0.37	0.05				0.60
		7			
0.42	0.05				0.55
		8			
0.51	0.09		Onto gravel.		0.46
		9			
0.59	0.08				0.38
		10			

Bulldog Rally 1998

STAGE	SHOW GROUND		GRAVEL	0.43 MILES	PAGE	60
	Short stage with a lot of tight junctions. A bit Mickey Mouse but good for your sponsors.		ASPHALT	0.54 MILES	BOGEY	00m 55s
9			TOTAL	0.97 MILES	TARGET	02m 00s
MILES		DIRECTION	INFORMATION			MILES to FF
TOTAL	INTERVAL					
0.66	0.07		Onto asphalt after junction.			0.31
0.69	0.03					0.28
0.83	0.14		Onto gravel.			0.14
0.92	0.09					0.05
0.97	0.05		Onto asphalt.			0.00
1.02	0.05		FTC9 			Turn into arena and park as directed by marshals. PC9 - Hand in time card.





RS	-	FINISH RAMP	MC5			PAGE	62
VIA		TO				DISTANCE	0.18 MILES
PC	-	SERVICE AREA				AVERAGE	
MILES		DIRECTION	INFORMATION	MILES to GO			
TOTAL	INTERVAL						
0.00	0.00		Zero trip as leaving arena. Onto asphalt	0.18			
		0					
0.05	0.05			0.13			
		1					
0.18	0.13		Turn into Service area. Onto grass.	0.00			
		2					

Bulldog Rally 1998

# QUERY FORM

If you have any query about any aspect of the rally or your results, please complete this form and hand it in at MC5 or give it to a member of the organising team at the Rally HQ.

**THIS IS NOT A PROTEST FORM.**

Competition No. ....

Time .....

Query:-

Reply:-

# COMPETITORS RECORD SHEET

STAGE NUMBER	BOGEY TIME	OWN TIME	COMPETITOR NUMBER												
1	8.10														
2	12.20														
SUB-TOTAL															
3	8.30														
SUB-TOTAL															
4	4.45														
SUB-TOTAL															
5	9.15														
SUB-TOTAL															
6	10.25														
SUB-TOTAL															
7	11.47														
SUB-TOTAL															
8	9.30														
SUB-TOTAL															
9	0.55														
TOTAL															