

The Bulldog



MIDLAND RALLY
Saturday 25 th October 1997



MEIRION ROAD BOOK

CONTENTS

Notes for Competitors	ii
Notes for Service Crews	iv
Servicing & Service Areas	v
Service Vehicle Route	vi
Stage arrowing system	vii
Rally control signs	viii
Route defined by reference and mileages	ix
Introduction to Tulip Road Book & key to symbols used	1
Tulip Road Book including maps of service areas and finish	3
Query Form	57
Competitors Record Sheet	58

Organised by Wolverhampton and South Staffordshire Car Club.

NOTES FOR COMPETITORS

DRIVING

The organisers of the Bulldog Rally 1997 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 would 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' mileages 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.

A *Measured Mile* has been set out on the **FIRST ROAD SECTION** in the Road Book on the A487 North of Aberystwyth.

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 10.25 hrs. Actual individual start times will be displayed on the Official Notice Board from 09.30 hrs on Saturday.

NOTES FOR COMPETITORS (concluded)

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 during the Service Areas, competitors due time at MC3 will be given to the competitor on arrival at TC5.

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. Depending upon the available time, stages in forests being used twice may not be cleared until after the second run.

RETIREMENTS

Please telephone the Rally Help Desk at Rally Headquarters at the Marine Hotel, Aberystwyth (01970 623122) where messages can be posted on the Competitors' Notice Board.

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.

Service Crews **MUST** follow the instructions given regarding Service Areas and the route between them. Any Competitor whose Service 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 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 B, 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.

Bulldog Meirion Rally 1997**SERVICING & SERVICE AREAS**

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 **two 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

THE THICK BLACK line along the right 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 B/C**SWEET LAMB****MR 135/826849**

First Car Due: 12.55 hrs & 13.10 hrs.

Time allowed - variable
(Between 10 & 30 minutes)

Servicing in designated area of Sweet Lamb rally complex.

FACILITIES AVAILABLE

Hot and cold food and refreshments will be available as well as toilets (male & female), washing facilities at Service Area B/C.

Bulldog Meirion Rally 1997SERVICE VEHICLE ROUTE

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

START TO SERVICE B - SWEET LAMB

(25 Miles)

MAP 135

First car due about 12.55 hrs. & 13.10 hrs.

Take the A44 from Aberystwyth towards Llangurig. Turn left off the A44 at 135/840827 and follows the arrows to the Service area - **CARE** two way traffic between the A44 and the Service area (1.85 Miles).

SERVICE C-SWEET LAMB TO FINISH

(25 Miles)

MAP 135

Leave the Service area heading back towards the A44. After just under 1 mile turn left off the gravel road onto a tarmac road (at map reference 135/830837). After 50yds turn right and follow this road back to the A44 at 135/842827. Turn right onto the A44 taking, **CARE!** as the turning is tight. Follow the A44 back to Aberystwyth.

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.

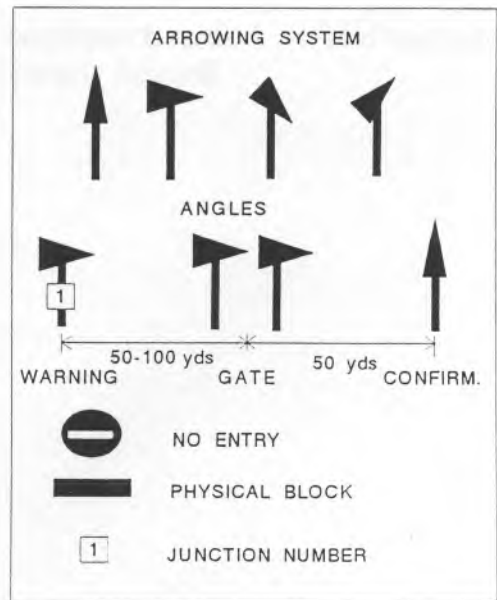
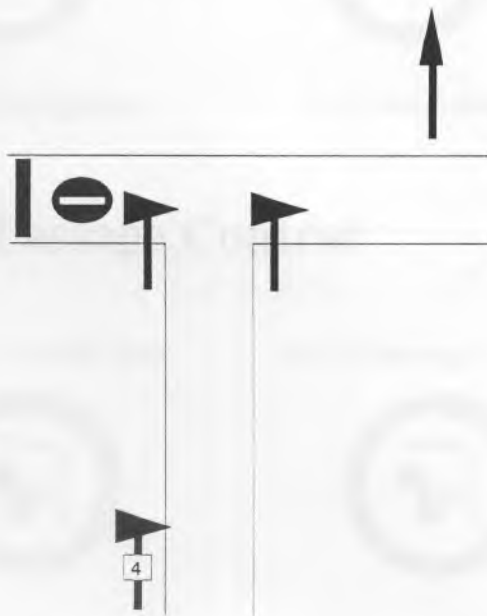
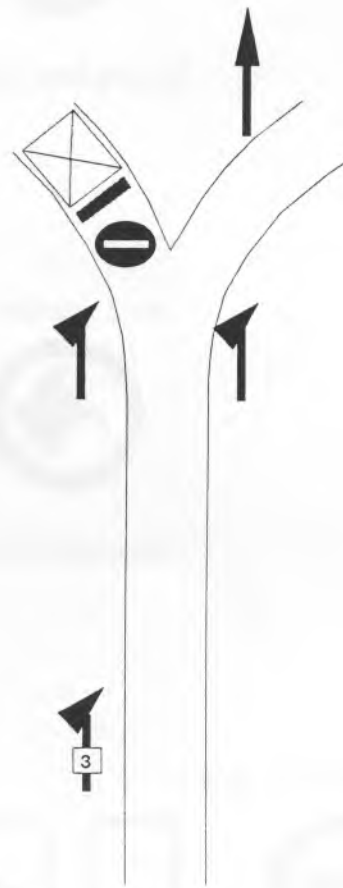
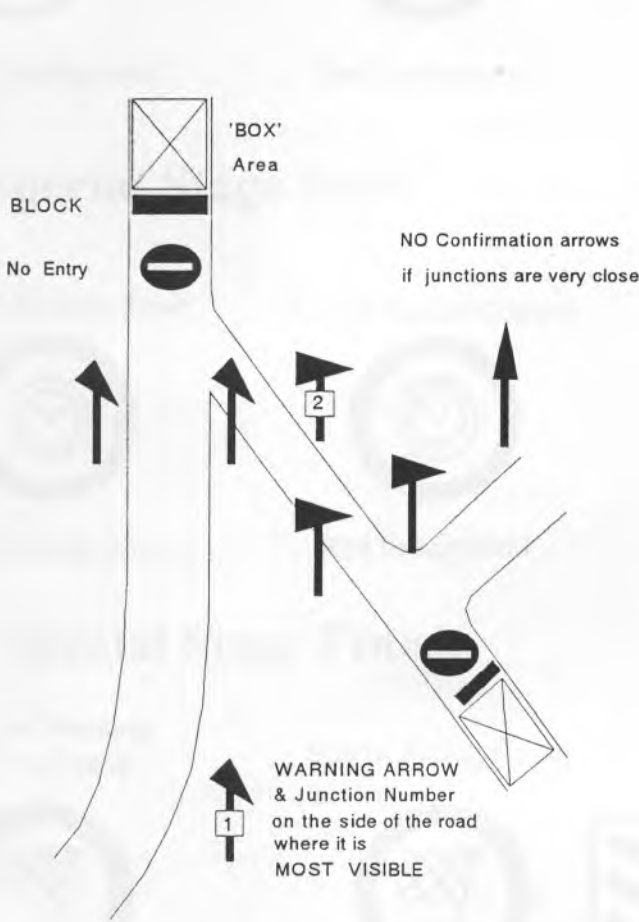
SUMMARY OF COMPETITOR'S RALLY MILEAGES

<u>Rally Section</u>	<u>Road Miles</u>	<u>Stage Miles</u>	<u>No. Of Stages</u>
Start to Service B	37	20	2
Service B to Service C	2	4	2
Service C to Finish	23	20	3

STAGE ARROWING SYSTEM

Positioning of Arrows at JUNCTIONS in conjunction with 'No Entry' Boards.

It should be noted that the gate formed by two arrows is always set 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

ROUTE	INFORMATION	MAP REFERENCE	APP	DEP
	Assembly point	135/ 587812		NW
via		583814	NE	N
via		581½818	SE	NE
MC1	Start	583821	S	N
via		585820	NW	SE
via		620840	S	NE
via		751008	W	SE
via		882½938½	W	S
ATC4	Stage 4 – Hafren 1	871903	NE	
FTC4		853½874		E
via		856½873	N	S
via		861½867½	E	S
ATC5	Stage 5 – Hafren 2	862867	W	
FTC5		853866		NE
via		832½867½	NE	SW
TC5	Service B - Sweet Lamb	826½851	NE	
MC3	Sweet Lamb service out	827850½		NE
ATC6	Stage 6 – Sweet Lamb 1	828855	NW	
FTC6		828850½		N
ATC7	Stage 7 – Sweet Lamb 2	828855	NW	
FTC7		828850½		N
TC7a	Service C - Sweet Lamb	826½851	NE	
TC7b	Sweet Lamb service out	826849		S
ATC8	Stage 8 - Tarenig	839823	NE	
FTC8		809785		W
ATC9	Stage 9 - Myherin	800½777	NE	
FTC9		765½757½		S
via		778753½	W	S
via		773751	SE	S
PC9		739724	N	SW
ATC10	Stage 10 - Llanafan	717½719½	NE	
FTC10		704705		SW
PC10		693695	NE	N
via		645750	SE	NW
via		596805	SW	NW
TC10a	Holding control in	587812	SE	
TC10b	Holding control out	587812		NW
via		583814	NE	N
via		581½818	SE	NE
MC4	Finish	583821	S	

'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 on the 'tulip'. Competitors should simply continue on the road on which they are travelling.

The names quoted as appearing on a signpost were those present at the time of survey and cannot be guaranteed.

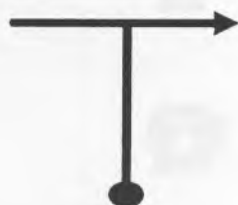
All speed limits, 'Give Way' and 'Stop' junctions have been shown. Please observe them, as the Police know you are coming.

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.

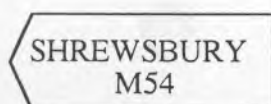
There is a measured mile along the A487 as leaving Aberystwyth (between tulip references 4 and 5) for competitors wishing to check their trip against the one used when making the road book.

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.

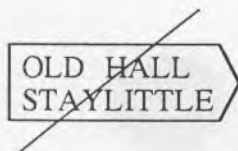
KEY TO SYMBOLS USED IN THE ROAD BOOK



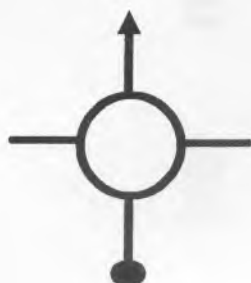
'Tulip'. Approach from dot. Depart towards arrowhead



Signpost - Enclosing directions to follow
























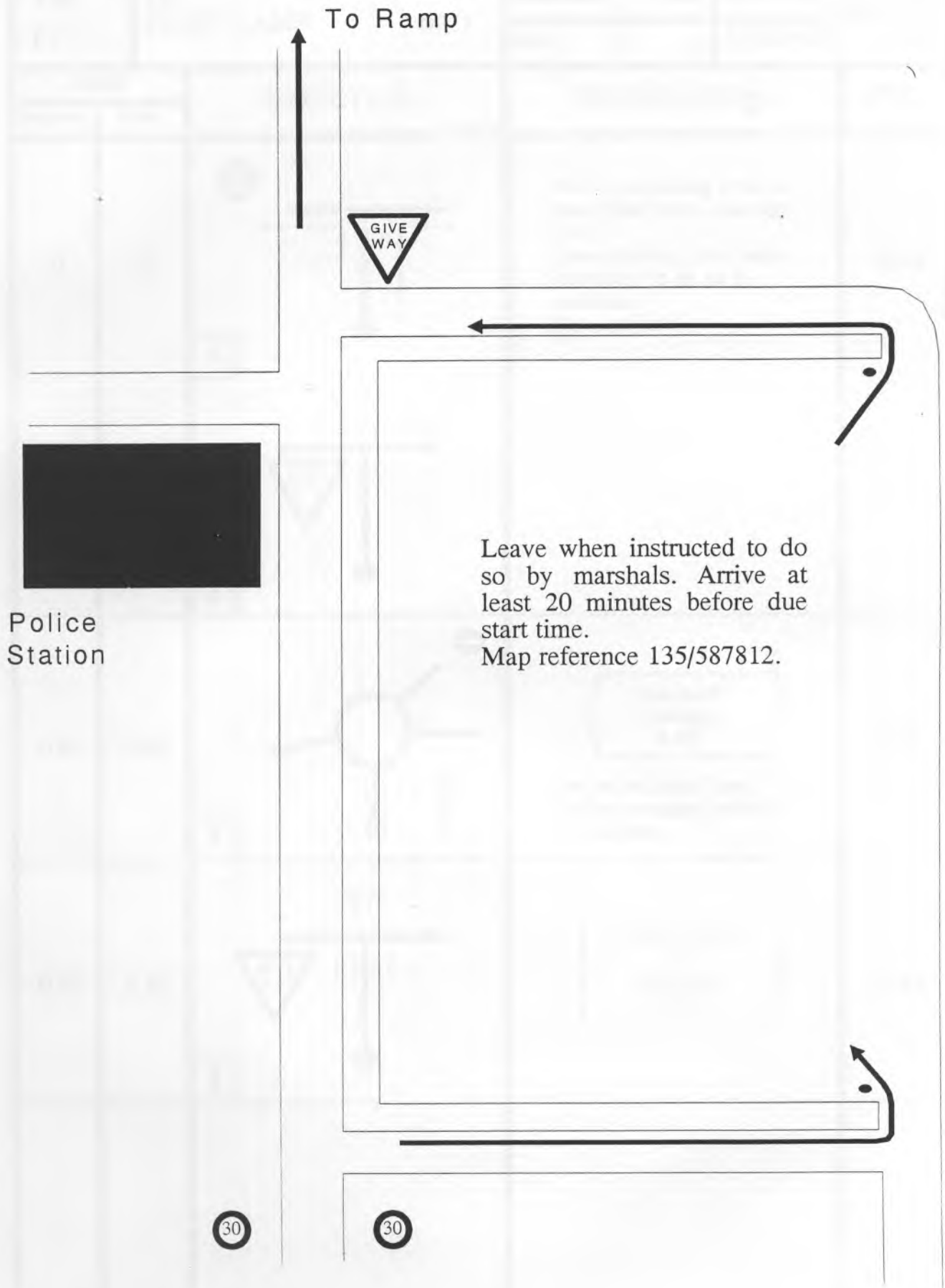
Signpost - Enclosing directions not to follow



Traffic Island

KEY TO SYMBOLS USED IN THE ROAD BOOK (Continued)

	Radio point		Service
	Doctor		Time Control
	Traffic lights		Passage Control
	River 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		

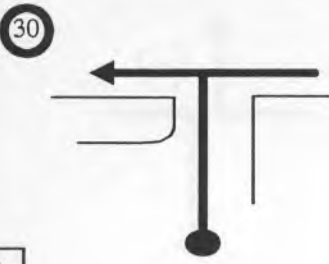

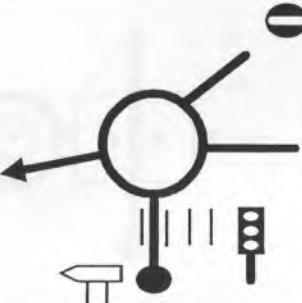
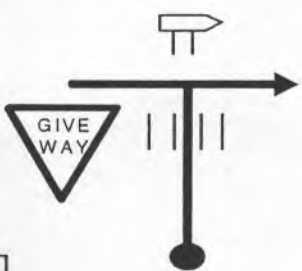


Police Station

Leave when instructed to do so by marshals. Arrive at least 20 minutes before due start time.
Map reference 135/587812.

30


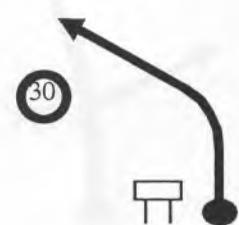
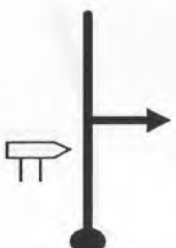

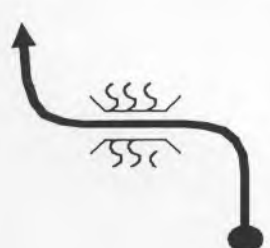
30

RS	-	ASSEMBLY AREA TO START RAMP		MC1	TIME	PAGE	4	
VIA	-				TARGET	- MINS.	DISTANCE	0.93 MILES
PC	-				DUE		AVERAGE	- MPH.
MILES		DIRECTION			INFORMATION			MILES TO TC
INTERVAL	TOTAL							
0	0		<p>Arrive at holding area at least 20m before due start time. Leave holding area when instructed to do so by marshals. Onto asphalt.</p>	0.93				
0.02	0.02			0.91				
0.24	0.26		<p>Aberteifi Cardigan A487</p> <p>Get in left hand lane. Pelican crossing before roundabout.</p>	0.67				
0.13	0.39		<p>Machynlleth A487 Llangurig (A44)</p>	0.54				

RS	-	ASSEMBLY AREA TO START RAMP		MC1	TIME	PAGE	5
VIA	-				TARGET	- MINS.	DISTANCE
PC	-				DUE		AVERAGE
MILES		DIRECTION			INFORMATION		MILES TO TC
INTERVAL	TOTAL						
0.15	0.54				<div style="border: 1px solid black; padding: 5px; display: inline-block;"> Canolfan croeso Tourist Information </div>		0.39
0.11	0.65						0.28
0.28	0.93				MC1		0

RS	0	ABERYSTWYTH TO HAFREN 1		MC1 ATC4	MC1 TIME		PAGE	6
VIA					TARGET	65 MINS.	DISTANCE	31.83 MILES
PC	-				DUE		AVERAGE	29.38 MPH.
MILES		DIRECTION			INFORMATION			MILES TO TC
INTERVAL	TOTAL							
0	0				MC1			31.83
0.06	0.06				P Penwythnosau yn unig Weekends only			31.77
0.02	0.08							31.75
0.32	0.40				MACHYNLLETH A487 LLANGURIG (A44)			31.43
0.76	1.16				MACHYNLLETH A487 Start of measured mile.			30.67

RS	0	ABERYSTWYTH TO HAFREN 1		MC1		PAGE	7
VIA				MC1	TIME		
PC	-			ATC4	TARGET	65 MINS.	DISTANCE 31.83 MILES
					DUE		AVERAGE 29.38 MPH.
MILES		DIRECTION		INFORMATION			MILES TO TC
INTERVAL	TOTAL						
1.00	2.16	5		1 MILE			29.67
1.32	3.48	6		BOW STREET			28.35
3.57	7.05	7		TALYBONT			24.78
1.60	8.65	8		TRE TALIESIN			23.18
3.09	11.74	9		FFWRNAIS FURNACE			20.09

RS	0	ABERYSTWYTH TO HAFREN 1	MC1 ATC4	MC1 TIME	PAGE	8	
VIA				TARGET	65 MINS.	DISTANCE	31.83 MILES
PC	-			DUE		AVERAGE	29.38 MPH.
MILES		DIRECTION	INFORMATION	MILES TO TC			
INTERVAL	TOTAL						
4.08	15.82				16.01		
1.76	17.58		MACHYNLLETH		14.25		
0.30	17.88		Newtown Drenwydd Welshpool Trallwng A489 (A470)		13.95		
0.33	18.21		Llyn Clywedog 15 Llanidloes 19		13.62		
0.99	19.20		Care - Blind narrow bridge.		12.63		

RS	0	ABERYSTWYTH MC1		MC1 TIME		PAGE	9
VIA		TO HAFREN 1 ATC4		TARGET	65 MINS.	DISTANCE	31.83 MILES
PC	-			DUE		AVERAGE	29.38 MPH.
MILES		DIRECTION		INFORMATION			MILES TO TC
INTERVAL	TOTAL						
9.85	29.05			<div style="border: 1px solid black; padding: 5px; display: inline-block;">Llanidloes 8 Staylitle 1 B4518</div>			2.78
		15					
0.88	29.93			<div style="border: 1px solid black; padding: 5px; display: inline-block;">Llwynygog 1/2</div>			1.90
		16					
0.37	30.30			<div style="border: 1px solid black; padding: 5px; display: inline-block;">LLWYNYGOG</div> Care through village.			1.53
		17					
1.38	31.68			<div style="border: 1px solid black; padding: 5px; display: inline-block;">HAFREN</div> Onto Gravel.			0.15
		18					

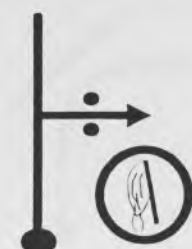







RS	0	ABERYSTWYTH TO HAFREN 1	MC1 ATC4	MC1 TIME	PAGE	10	
VIA				TARGET	65 MINS.	DISTANCE	31.83 MILES
PC	-			DUE		AVERAGE	29.38 MPH.
MILES		DIRECTION	INFORMATION	MILES TO TC			
INTERVAL	TOTAL						
0.15	31.83		ATC4		0		
0.03	31.86		SS4				

Stage No. 4
HAFREN 1
12.50 miles





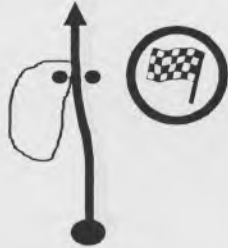
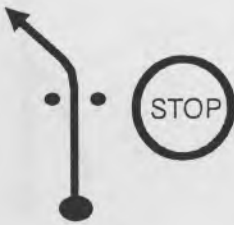








Reproduced from the 1989 Ordnance Survey 1:25,000 Pathfinder Maps No. 907 and 928
with the permission of The Controller of Her Majesty's Stationery Office
© Crown Copyright (43371U)
Maps prepared by NORTH EAST RALLY MAPS

Bulldog Midland Rally 1997

STAGE		HAFREN 1		GRAVEL 12.50 MILES	PAGE	12
4		The better of the two Hafren stages, roads are generally smooth and wide.		ASPHALT 00.00 MILES	BOGEY	11m 45s
				TOTAL 12.50 MILES	TARGET	25m 00s
MILES		DIRECTION		INFORMATION		MILES TO FF
INTERVAL	TOTAL					
0	0	0		START SS4	 	12.50
0.94	0.94	1				11.56
0.58	1.52	2				10.98
1.25	2.77	3				9.73
1.12	3.89	4				8.61

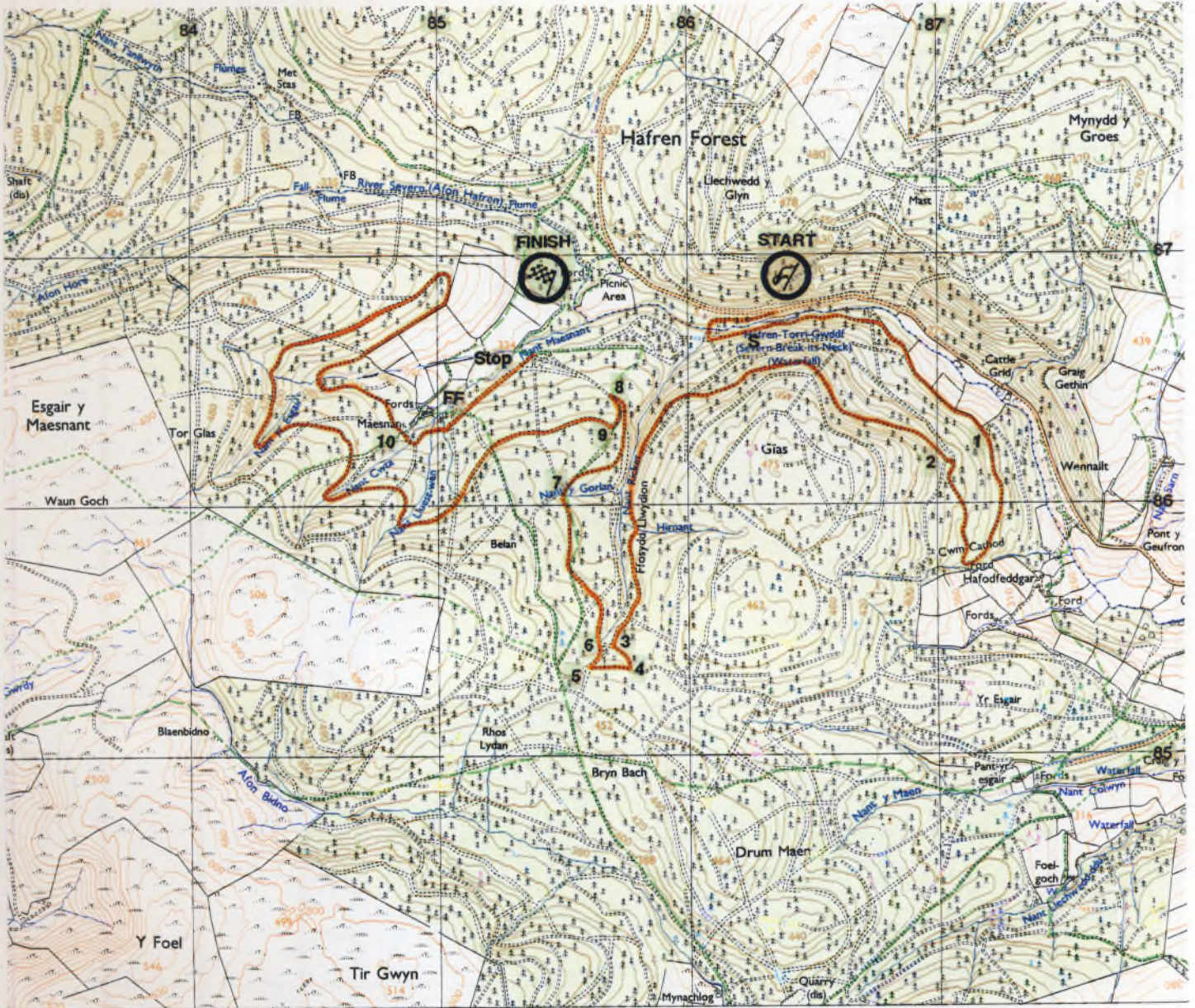
STAGE		HAFREN 1		GRAVEL 12.50 MILES	PAGE	13
4		The better of the two Hafren stages, roads are generally smooth and wide.		ASPHALT 00.00 MILES	BOGEY	11m 45s
				TOTAL 12.50 MILES	TARGET	25m 00s
MILES		DIRECTION		INFORMATION		MILES TO FF
INTERVAL	TOTAL					
1.50	5.39	5			7.11	
1.24	6.63	6			5.87	
1.09	7.72	7			4.78	
0.14	7.86	8			4.64	
1.09	8.95	9			3.55	

STAGE		HAFREN 1		GRAVEL 12.50 MILES	PAGE	14
4		The better of the two Hafren stages, roads are generally smooth and wide.		ASPHALT 00.00 MILES	BOGEY	11m 45s
				TOTAL 12.50 MILES	TARGET	25m 00s
MILES		DIRECTION		INFORMATION		MILES TO FF
INTERVAL	TOTAL					
0.63	9.58	10				2.92
0.10	9.68	11				2.82
2.67	12.35	12				0.15
0.15	12.50	13				0
0.17	12.67			FTC4		

RS	4	HAFREN 1 TO HAFREN 2		FTC4	FTC4 TIME		PAGE	15
VIA	-			ATC5	TARGET	10 MINS.	DISTANCE	1.20 MILES
PC	-				DUE		AVERAGE	7.20 MPH.
MILES		DIRECTION			INFORMATION			MILES TO TC
INTERVAL	TOTAL							
0	0	0		FTC4			1.20	
0.09	0.09	1					1.11	
0.08	0.17	2		Onto asphalt			1.03	
0.06	0.23	3					0.97	
0.72	0.95	4		SEVERN WAY Onto gravel. Ignore 'No Entry' sign.			0.25	

RS	4	HAFREN 1 TO HAFREN 2		FTC4	FTC4 TIME	PAGE	16	
VIA	-			ATC5	TARGET	10 MINS.	DISTANCE	1.20 MILES
PC	-				DUE		AVERAGE	7.20 MPH.
MILES		DIRECTION			INFORMATION		MILES TO TC	
INTERVAL	TOTAL							
0.16	1.11					0.09		
0.09	1.20				ATC5	0		
0.07	1.27				SS5			







Stage No. 5
HAFREN 2
6.85 miles

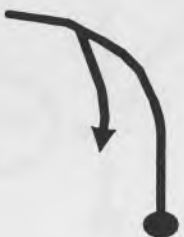




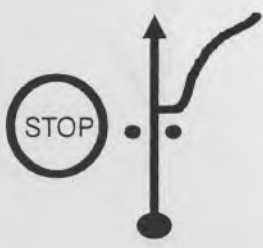



Reproduced from the 1989 Ordnance Survey 1:25,000 Pathfinder Map No. 928
with the permission of The Controller of Her Majesty's Stationery Office
© Crown Copyright (43371U)
Maps prepared by NORTH EAST RALLY MAPS

Bulldog Midland Rally 1997

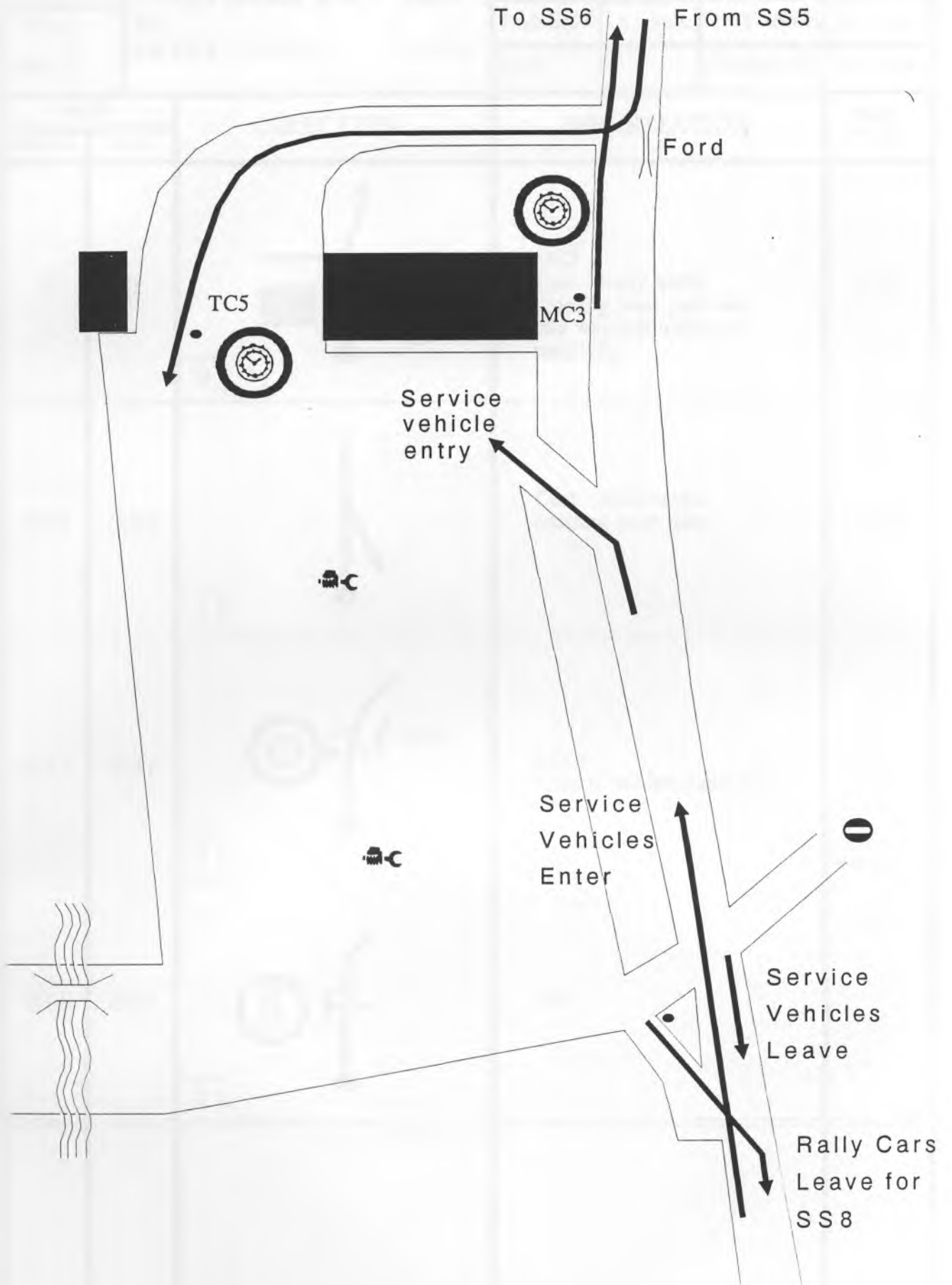
STAGE		HAFREN 2		GRAVEL 6.85 MILES	PAGE 18
5	This stage is quite tight with a lot of junctions. Could be rough between junctions 9 and 10 due to recent logging.			ASPHALT 00.00 MILES	BOGEY 6m 30s
				TOTAL 6.85 MILES	TARGET 14m 00s
				MILES	
INTERVAL	TOTAL				
0	0	0		START SS5 	6.85
0.65	0.65	1			6.20
0.69	1.34	2			5.51

STAGE		HAFREN 2		GRAVEL 6.85 MILES	PAGE 19
5	This stage is quite tight with a lot of junctions. Could be rough between junctions 9 and 10 due to recent logging.			ASPHALT 00.00 MILES	BOGEY 6m 30s
				TOTAL 6.85 MILES	TARGET 14m 00s
	MILES		DIRECTION	INFORMATION	MILES TO FF
INTERVAL	TOTAL				
1.46	2.80	3			4.05
0.08	2.88	4			3.97
0.09	2.97	5			3.88
0.07	3.04	6			3.81
0.44	3.48	7			3.37

STAGE		HAFREN 2		GRAVEL 6.85 MILES	PAGE	20
5		This stage is quite tight with a lot of junctions. Could be rough between junctions 9 and 10 due to recent logging.		ASPHALT 00.00 MILES	BOGEY	6m 30s
				TOTAL 6.85 MILES	TARGET	14m 00s
MILES		DIRECTION	INFORMATION	MILES TO FF		
INTERVAL	TOTAL			INTERVAL	TOTAL	
0.30	3.78	 <div style="border: 1px solid black; display: inline-block; padding: 2px;">8</div>		3.07		
0.09	3.87	 <div style="border: 1px solid black; display: inline-block; padding: 2px;">9</div>		2.98		
2.81	6.68	 <div style="border: 1px solid black; display: inline-block; padding: 2px;">10</div>	0.17			
0.17	6.85	 <div style="border: 1px solid black; display: inline-block; padding: 2px;">11</div>	0			
0.20	7.05		FTC5			

RS	5a	HAFREN 2		FTC5	FTC5 TIME	PAGE	21
VIA	-	TO		TC5	TARGET	12 MINS.	DISTANCE
PC	-	SWEET LAMB			DUE		AVERAGE
							18.15 MPH.
MILES		DIRECTION		INFORMATION			MILES TO TC
INTERVAL	TOTAL						
0	0			FTC5			3.63
0.05	0.05						3.58
0.22	0.27			Through gate posts.			3.36
1.48	1.75						1.88
1.45	3.20			Care - Rally traffic crossing your path and two way rally traffic to next tulip.			0.43

RS	5a	HAFREN 2		FTC5	FTC5 TIME	PAGE	22
VIA		TO		TC5	TARGET	12 MINS.	DISTANCE 3.63 MILES
PC	-	SWEET LAMB		TC5	DUE		AVERAGE 18.15 MPH.
MILES		DIRECTION			INFORMATION		MILES TO TC
INTERVAL	TOTAL						
0.38	3.58				Care - Rally traffic crossing your path.		0.05
0.05	3.63				TC5 Service area IN. Hand in time cards.		0

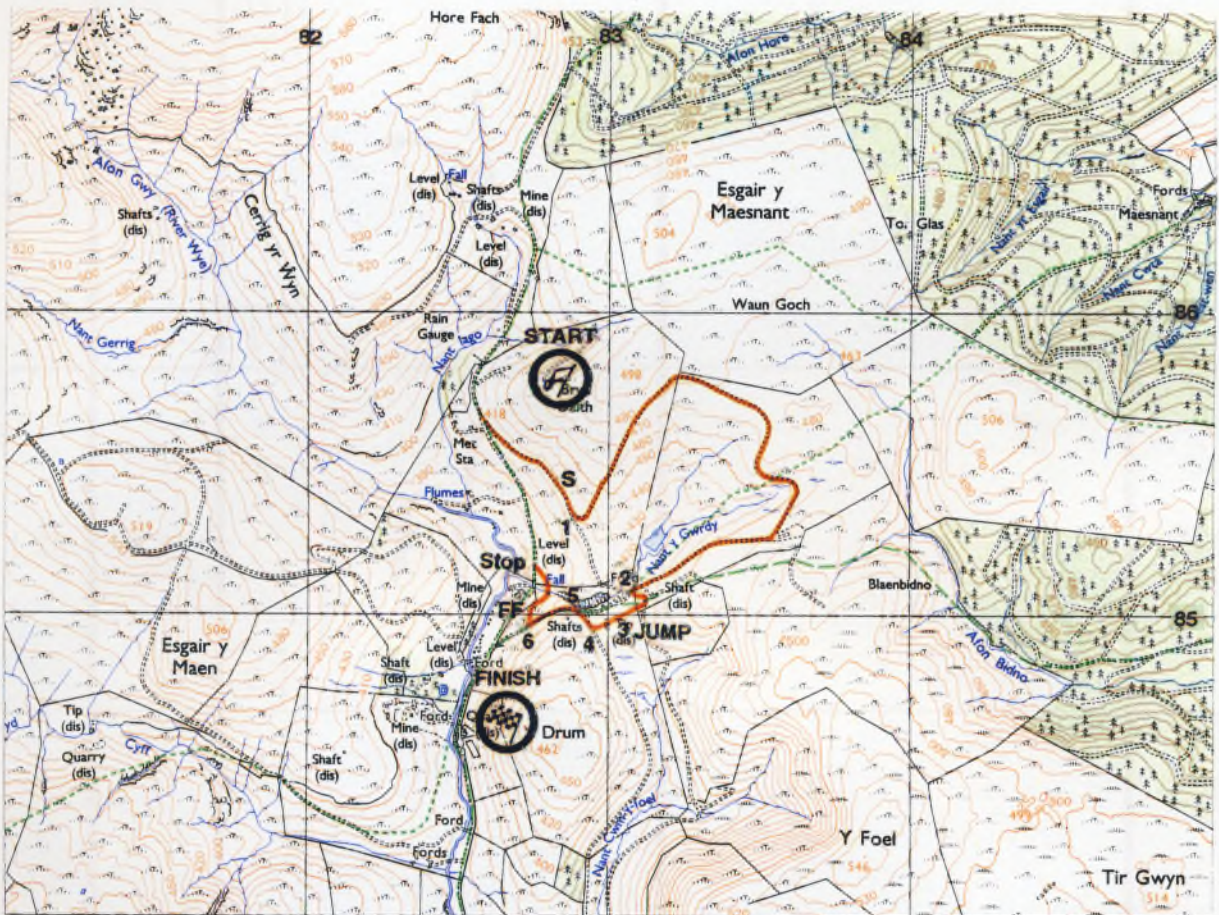


RS	5b	SWEET LAMB SERV. MC3		MC3 TIME	PAGE	24	
VIA		TO		TARGET	4 MINS.	DISTANCE	0.57 MILES
PC	-	SWEET LAMB 1 ATC6		DUE		AVERAGE	8.55 MPH.
MILES		DIRECTION		INFORMATION		MILES TO TC	
INTERVAL	TOTAL						
0	0	0		MC3 Care - Rally traffic drossing your path and two way rall traffic to next tulip.	0.57		
0.40	0.40	1		Care - Rally traffic crossing your path.	0.17		
0.17	0.57	2		ATC6 Keep to the left hand side.	0		
0.06	0.63	3		SS6			

Stage No. 6

SWEET LAMB 1


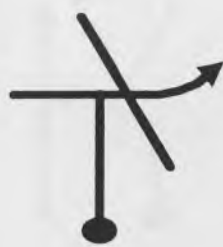





1.64 miles



Reproduced from the 1989 Ordnance Survey 1:25,000 Pathfinder Map No. 928
with the permission of The Controller of Her Majesty's Stationery Office
© Crown Copyright (43371U)
Maps prepared by NORTH EAST RALLY MAPS

Bulldog Midland Rally 1997

STAGE		SWEET LAMB 1		GRAVEL 1.64 MILES	PAGE	26
6		No trees to follow along this one. Mainly wide road with a jump in the spectator arena.		ASPHALT 00.00 MILES	BOGEY	1m 30s
				TOTAL 1.64 MILES	TARGET	4m 00s
MILES		DIRECTION		INFORMATION		MILES TO FF
INTERVAL	TOTAL					
0	0			START SS6 		1.64
0.06	0.06					1.58
1.28	1.34					0.30

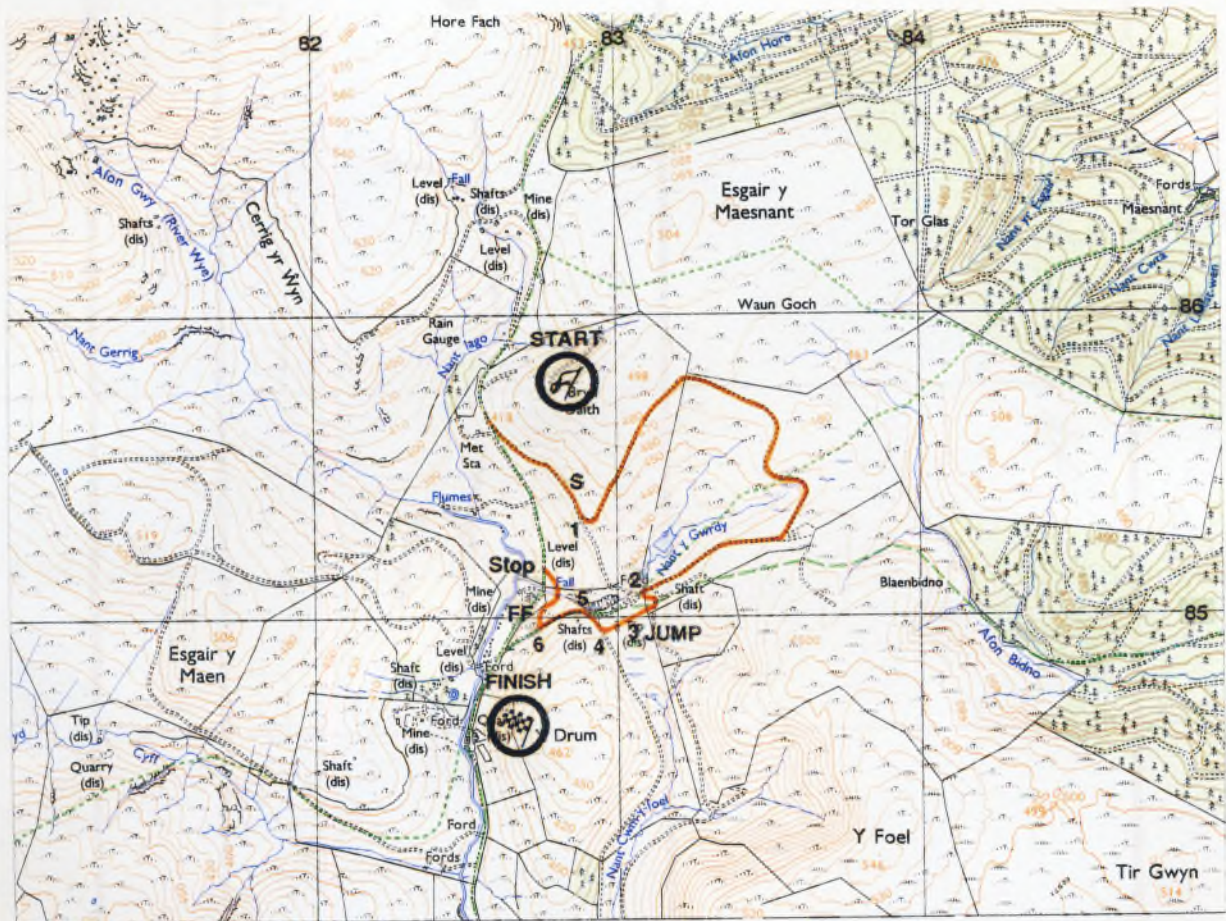
STAGE	SWEET LAMB 1		GRAVEL	1.64	MILES	PAGE	27
			ASPHALT	00.00	MILES	BOGEY	1m 30s
6	No trees to follow along this one. Mainly wide road with a jump in the spectator arena.		TOTAL	1.64	MILES	TARGET	4m 00s
MILES		DIRECTION	INFORMATION				MILES TO FF
INTERVAL	TOTAL						
0.11	1.45	 3	Jump				0.19
0.04	1.49	 4					0.15
0.03	1.52	 5					0.12
0.12	1.64	 6					0
0.05	1.69	 	FTC6 				

RS	6	SWEET LAMB 1		FTC6	FTC6 TIME		PAGE	28	
VIA		TO		ATC7	TARGET	5 MINS.	DISTANCE	0.59 MILES	
PC	-	SWEET LAMB 2			DUE		AVERAGE	7.08 MPH.	
MILES		DIRECTION			INFORMATION			MILES TO TC	
INTERVAL	TOTAL								
0	0	0				FTC6			0.59
0.09	0.09	1				Care - Two way rally traffic.			0.50
0.33	0.42	2				Care - Rally traffic crossing your path.			0.17
0.17	0.59	3				ATC7 Keep to the right hand side.			0
0.06	0.65	4				SS7			

Stage No. 7

SWEET LAMB 2

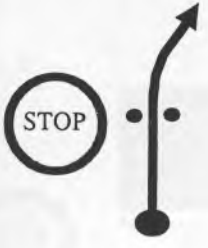



1.64 miles

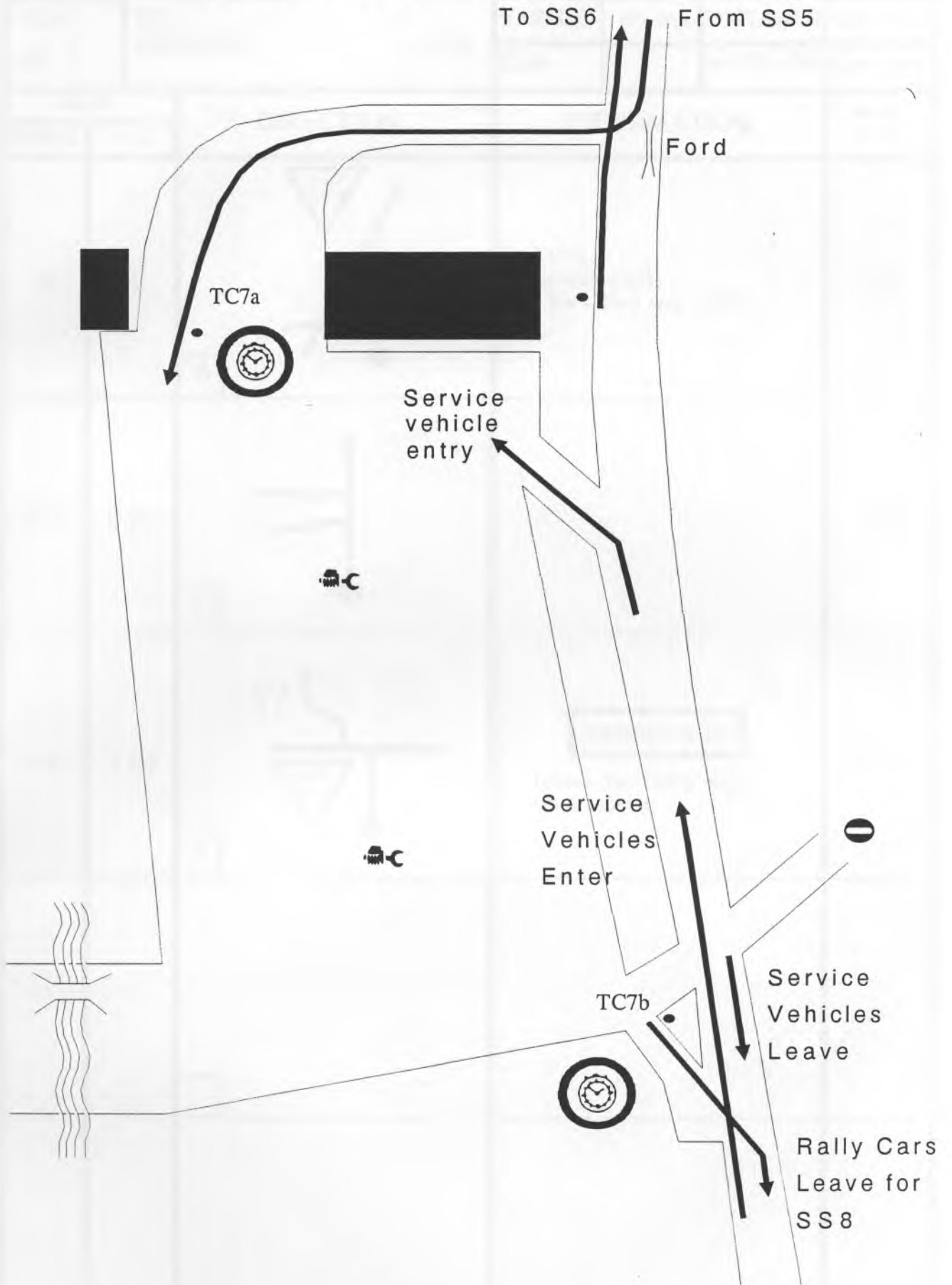





Reproduced from the 1989 Ordnance Survey 1:25,000 Pathfinder Map No. 928
with the permission of The Controller of Her Majesty's Stationery Office
© Crown Copyright (43371U)
Maps prepared by NORTH EAST RALLY MAPS

Bulldog Midland Rally 1997

STAGE		SWEET LAMB 2		GRAVEL 1.64 MILES	PAGE	30
7		No trees to follow along this one. Mainly wide road with a jump in the spectator arena.		ASPHALT 00.00 MILES	BOGEY	1m 30s
				TOTAL 1.64 MILES	TARGET	4m 00s
MILES		DIRECTION		INFORMATION		MILES TO FF
INTERVAL	TOTAL					
0	0			START SS7 DOCTOR		1.64
0.06	0.06					1.58
1.28	1.34					0.30

RS	7a	SWEET LAMB 2		FTC7	FTC7 TIME	PAGE	32
VIA		TO		TC7a	TARGET	3 MINS.	DISTANCE
PC	-	SWEET LAMB SERV.		TC7a	DUE		AVERAGE
							3.80 MPH.
MILES		DIRECTION			INFORMATION		MILES TO TC
INTERVAL	TOTAL						
0	0	0		FTC7		0.19	
0.09	0.09	1		Care - Two way rally traffic.		0.10	
0.05	0.14	2		Care - Rally traffic crossing your path.		0.05	
0.05	0.19	3		TC7a Service area IN. Hand in time cards.		0	



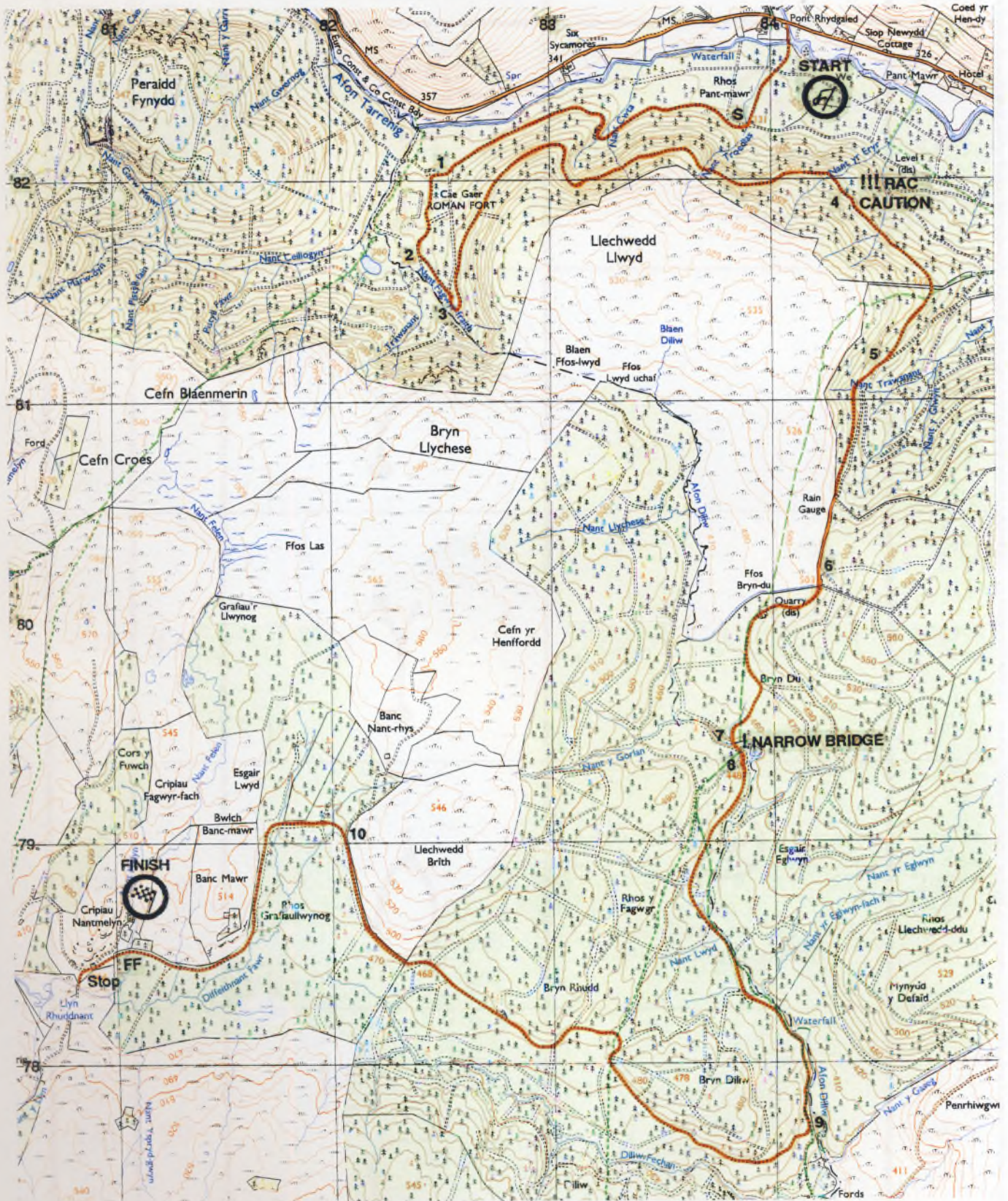
RS	7b	SWEET LAMB TO TARENIG	TC7b	TC7b TIME	PAGE	34	
VIA			ATC8	TARGET	10 MINS.	DISTANCE	2.19 MILES
PC	-			DUE		AVERAGE	13.14 MPH.
MILES		DIRECTION	INFORMATION	MILES TO TC			
INTERVAL	TOTAL						
0	0		TC7b Service OUT. Care - Two way traffic.	0	0	2.19	
0.91	0.91			1	0.91	1.28	
0.93	1.84		<div style="border: 1px solid black; padding: 2px; display: inline-block;">CEREDIGION</div> Ignore 'No Entry' sign. Onto asphalt.	2	1.84	0.35	

RS	7b	SWEET LAMB TO TARENIG		TC7b	TC7b TIME	PAGE	35
VIA				ATC8	TARGET	10 MINS.	DISTANCE
PC	-				DUE		AVERAGE
MILES		DIRECTION		INFORMATION			MILES TO TC
INTERVAL	TOTAL						
0.18	2.02	3		Onto gravel.			0.17
0.17	2.19	4		ATC8			0
0.03	2.22	5		SS8			

Stage No. 8

TARENIG

9.04 miles










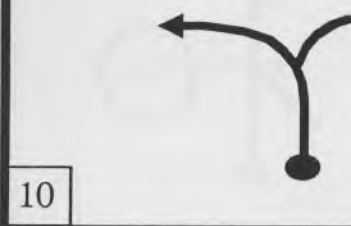
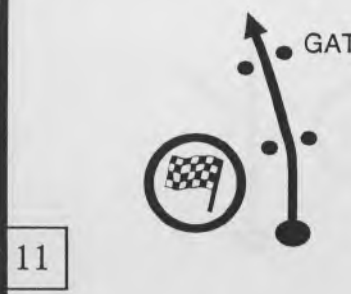
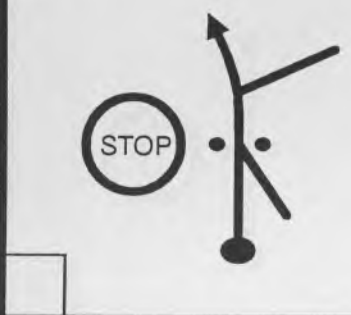

Reproduced from the 1989 Ordnance Survey 1:25,000 Pathfinder Maps No. 928 and 948
with the permission of The Controller of Her Majesty's Stationery Office

© Crown Copyright (43371U)

Maps prepared by NORTH EAST RALLY MAPS

Bulldog Midland Rally 1997

STAGE		TARENIG		GRAVEL 9.04 MILES	PAGE	37
8		Bumpy from junction 3 to 5 but generally smooth and fast		ASPHALT 00.00 MILES	BOGEY	8m 30s
				TOTAL 9.04 MILES	TARGET	18m 00s
MILES		DIRECTION		INFORMATION		MILES TO FF
INTERVAL	TOTAL					
0	0	0		START SS8		9.04
1.02	1.02	1				8.02
0.25	1.27	2				7.77
0.19	1.46	3			 Large drops on left hand side after this junction.	7.58
1.61	3.07	4			EXTREME CARE Big drop on outside of right-hand bend.	5.97

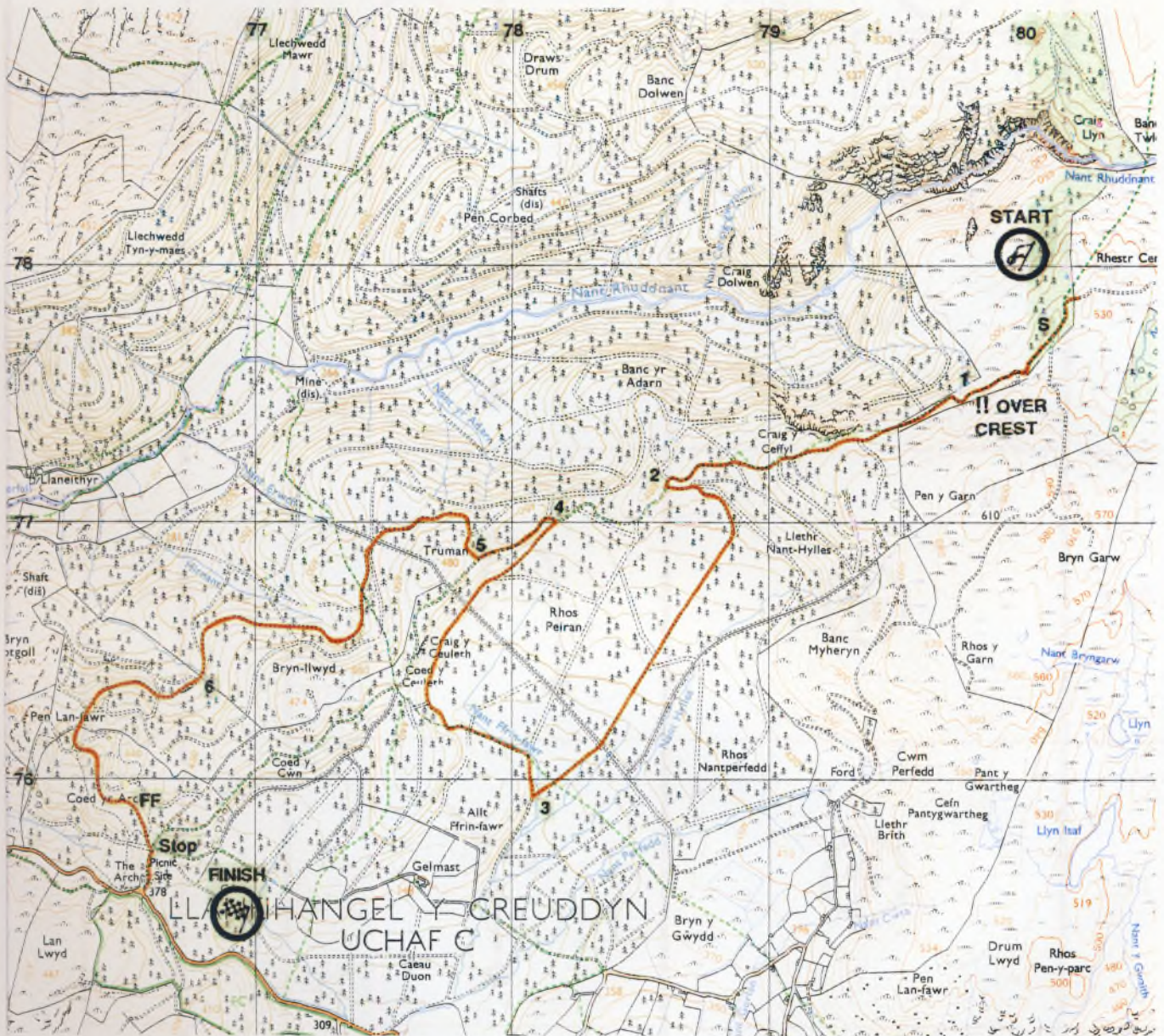
STAGE		TARENIG		GRAVEL 9.04 MILES	PAGE	39
8		Bumpy from junction 3 to 5 but generally smooth and fast		ASPHALT 00.00 MILES	BOGEY	8m 30s
				TOTAL 9.04 MILES	TARGET	18m 00s
MILES		DIRECTION		INFORMATION		MILES TO FF
INTERVAL	TOTAL					
1.90	8.10					0.94
0.94	9.04					0
0.10	9.14			FTC8		

RS	8	TARENIG TO MYHERIN		FTC8	FTC8 TIME	PAGE	40
VIA	-			ATC9	TARGET	5 MINS.	DISTANCE
PC	-				DUE		AVERAGE
MILES		DIRECTION		INFORMATION			MILES TO TC
INTERVAL	TOTAL						
0	0			FTC8 Drive slowly to stage 9			0.79
0.79	0.79			ATC9			0
0.03	0.82			SS9			

Stage No. 9











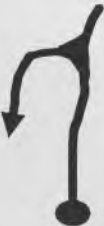
MYHERIN





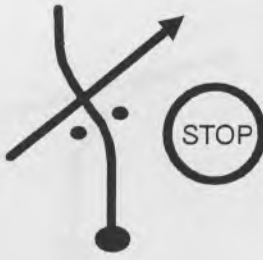

5.01 miles

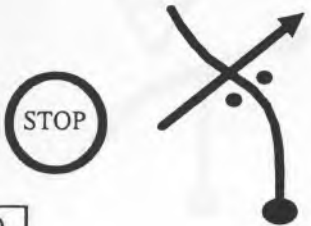

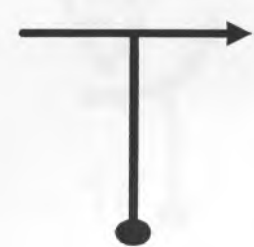








Reproduced from the Ordnance Survey 1:25,000 Pathfinder Maps No. 947 (1987) and 948 (1989)
with the permission of The Controller of Her Majesty's Stationery Office
© Crown Copyright (43371U)
Maps prepared by NORTH EAST RALLY MAPS

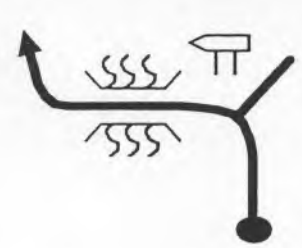




Bulldog Midland Rally 1997

STAGE		MYHERIN		GRAVEL 5.01 MILES	PAGE 42
9	Good smooth stage with tricky bends after start.			ASPHALT 00.00 MILES	BOGEY 4m 40s
				TOTAL 5.01 MILES	TARGET 10m 00s
	MILES		DIRECTION	INFORMATION	MILES TO FF
INTERVAL	TOTAL				
0	0	0	 	START SS9  	5.01
0.22	0.22	1	 	CARE over crest	4.79
0.80	1.02	2			3.99
1.05	2.07	3			2.94
0.96	3.03	4			1.98

STAGE		MYHERIN		GRAVEL 5.01 MILES	PAGE	43
9		Good smooth stage with tricky bends after start.		ASPHALT 00.00 MILES	BOGEY	4m 40s
				TOTAL 5.01 MILES	TARGET	10m 00s
MILES		DIRECTION		INFORMATION		MILES TO FF
INTERVAL	TOTAL					
0.22	3.25	5				1.76
1.12	4.37	6				0.64
0.64	5.01	7				0
0.12	5.13			FTC9		

RS	9	MYHERIN TO LLANAFAN		FTC9	FTC9 TIME		PAGE	44
VIA				ATC10	TARGET	20 MINS.	DISTANCE	6.26 MILES
PC	9				DUE		AVERAGE	18.78 MPH.
MILES		DIRECTION			INFORMATION			MILES TO TC
INTERVAL	TOTAL							
0	0	0		FTC9			6.26	
0.10	0.10	1					6.16	
0.87	0.97	2					5.29	
0.11	1.08	3					5.18	

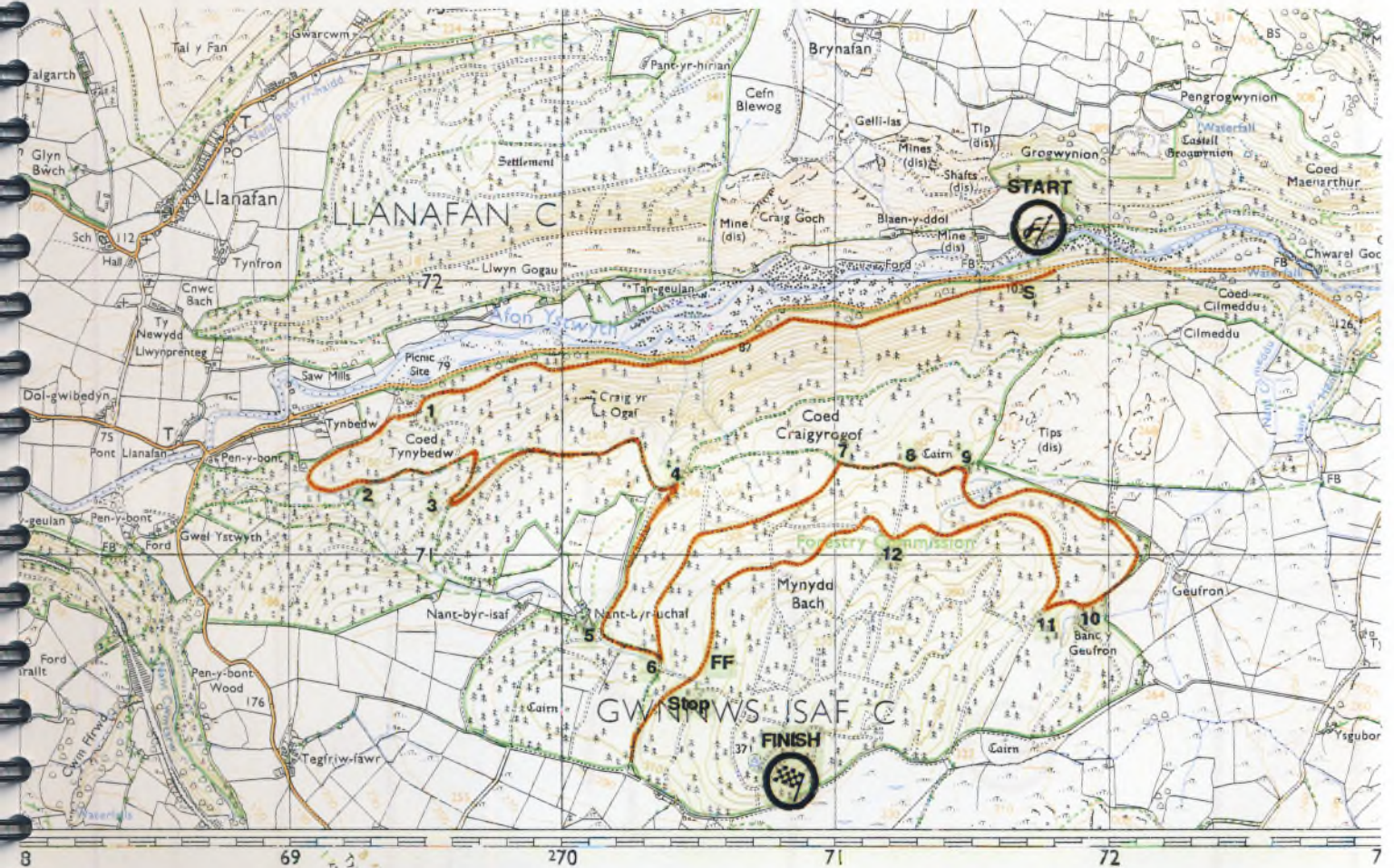
RS	9	MYHERIN TO LLANAFAN		FTC9	FTC9 TIME		PAGE	45
VIA				ATC10	TARGET	20 MINS.	DISTANCE	6.26 MILES
PC	9				DUE		AVERAGE	18.78 MPH.
MILES		DIRECTION			INFORMATION			MILES TO TC
INTERVAL	TOTAL							
0.18	1.26	4					Care as joining main road. Onto asphalt.	5.00
0.09	1.35	5					B4343 PONTRHYD-Y-GROES	4.91
0.75	2.10	6					B4343 PONTRHYD-Y-GROES	4.16
1.63	3.73	7					B4343 PONTRHYD-Y-GROES	2.53
0.53	4.26	8						2.00

RS	9	MYHERIN TO LLANAFAN	FTC9	FTC9 TIME	PAGE	46	
VIA			ATC10	TARGET	20 MINS.	DISTANCE	6.26 MILES
PC	9			DUE		AVERAGE	18.78 MPH.
MILES		DIRECTION	INFORMATION	MILES TO TC			
INTERVAL	TOTAL						
0.14	4.40		<div style="border: 1px solid black; padding: 5px; display: inline-block;"> B4343 PONTRHYDFENDIG AID TREGARON </div> <p>Care - Narrow bridge.</p>	9	1.86		
0.32	4.72		<div style="border: 1px solid black; padding: 5px; display: inline-block;"> B4343 PONTRHYDFENDIG AID TREGARON </div> <p>PC9 Hand in time cards.</p>	10	1.54		
1.47	6.19		Onto gravel.	11	0.07		
0.07	6.26		ATC10	12	0		
0.02	6.28		SS10	13			

Stage No. 10

LLANAFAN







6.33 miles











Reproduced from the 1987 Ordnance Survey 1:25,000 Pathfinder Maps No. 947
with the permission of The Controller of Her Majesty's Stationery Office
© Crown Copyright (43371U)
Maps prepared by NORTH EAST RALLY MAPS



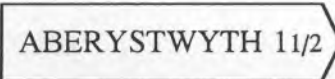
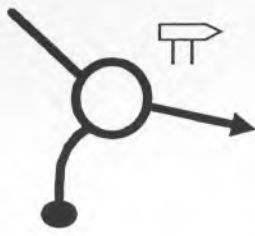
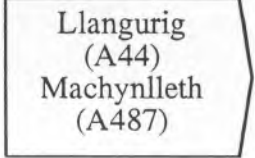
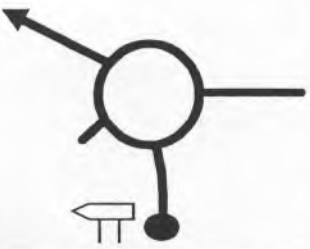

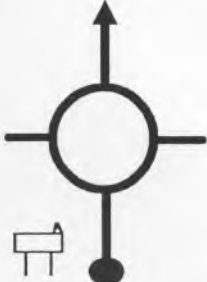
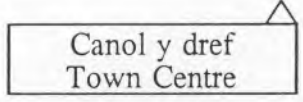
Bulldog Midland Rally 1997

STAGE		LLANAFAN		GRAVEL 6.33 MILES	PAGE	48
10		Smooth fast stage with short narrow section towards the end.		ASPHALT 00.00 MILES	BOGEY	6m 00s
				TOTAL 6.33 MILES	TARGET	13m 00s
MILES		DIRECTION		INFORMATION		MILES TO FF
INTERVAL	TOTAL					
0	0	0		START SS10		6.33
1.38	1.38	1				4.95
0.48	1.86	2				4.47
0.39	2.25	3				4.08
0.63	2.88	4				3.45

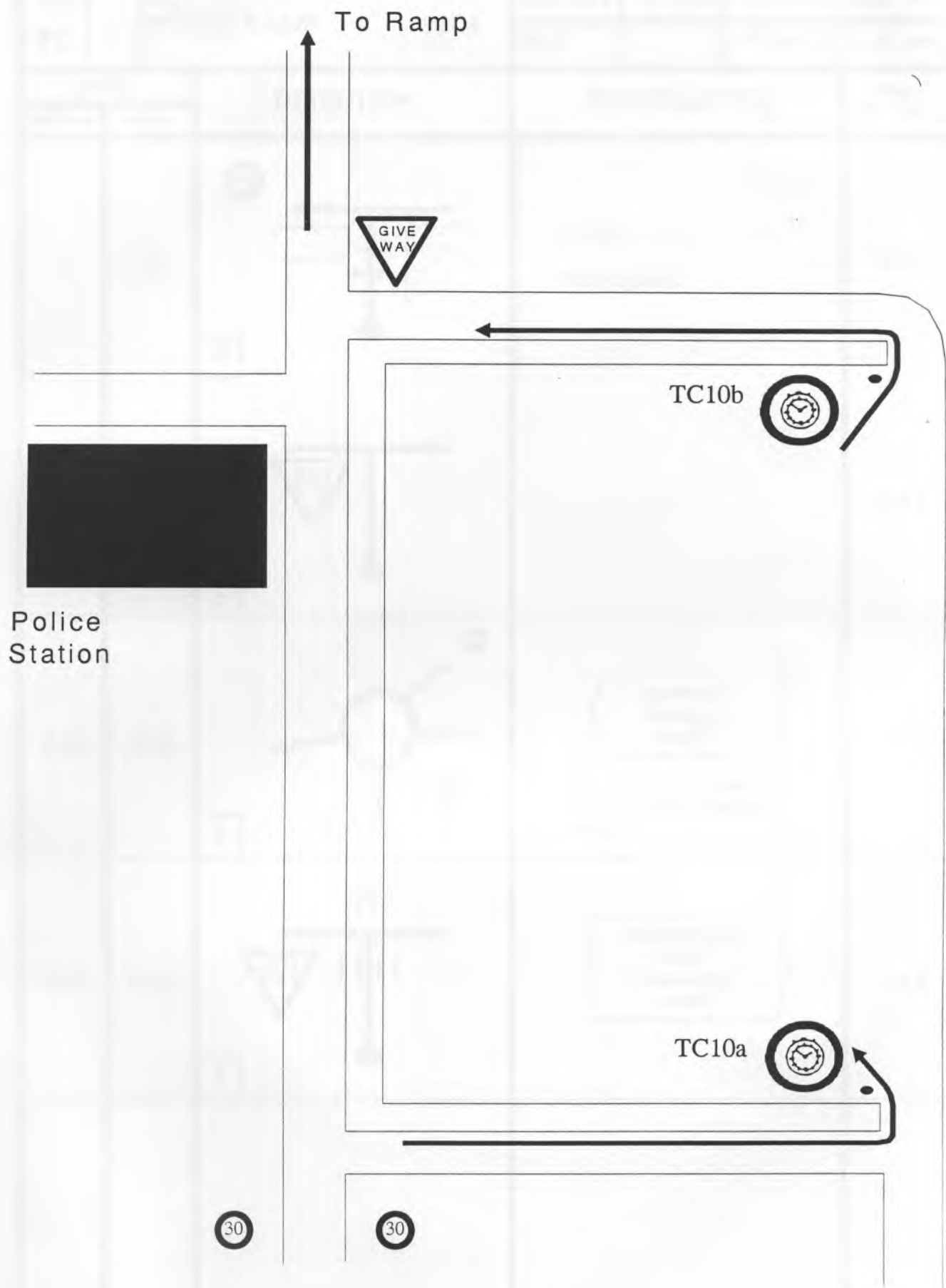
STAGE		LLANAFAN		GRAVEL 6.33 MILES	PAGE	49
10		Smooth fast stage with short narrow section towards the end.		ASPHALT 00.00 MILES	BOGEY	6m 00s
				TOTAL 6.33 MILES	TARGET	13m 00s
MILES		DIRECTION	INFORMATION	MILES TO FF		
INTERVAL	TOTAL			INTERVAL	TOTAL	
0.39	3.27	5				3.06
0.15	3.42	6				2.91
0.68	4.10	7				2.23
0.15	4.25	8				2.08
0.14	4.39	9				1.94

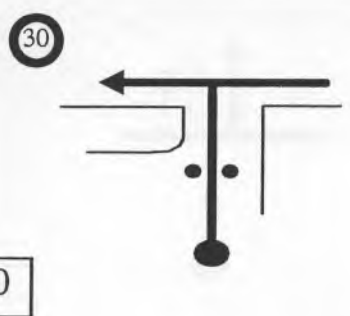



STAGE		LLANAFAN		GRAVEL 6.33 MILES	PAGE	50
10		Smooth fast stage with short narrow section towards the end.		ASPHALT 00.00 MILES	BOGEY	6m 00s
				TOTAL 6.33 MILES	TARGET	13m 00s
MILES		DIRECTION	INFORMATION	MILES TO FF		
INTERVAL	TOTAL			INTERVAL	TOTAL	
0.70	5.09				1.24	
0.09	5.18				1.15	
0.54	5.72				0.61	
0.61	6.33				0	
0.15	6.48		FTC10			

RS	10a	LLANAFAN TO ABERYSTWYTH		FTC10	FTC10 _{TIME}	PAGE	51
VIA	10	PC10		TC10a	TARGET	30 MINS.	DISTANCE 12.22 MILES
					DUE		AVERAGE 24.44 MPH.
MILES		DIRECTION			INFORMATION		MILES TO TC
INTERVAL	TOTAL						
0	0	0			FTC10		12.22
0.12	0.12	1					12.10
0.09	0.21	2					12.01
0.26	0.47	3			Onto asphalt.		11.75
0.62	1.09	4			PC10 Hand in time cards. Slow and quiet through village.		11.13

RS	10a	LLANAFAN TO ABERYSTWYTH	FTC10	FTC10 TIME	PAGE	52	
VIA	10		TC10a	TARGET	30 MINS.	DISTANCE	12.22 MILES
PC			DUE	AVERAGE	24.44 MPH.		
MILES		DIRECTION	INFORMATION	MILES TO TC			
INTERVAL	TOTAL						
9.94	11.03	 5			1.19		
0.02	11.05	 6			1.17		
0.11	11.16	 7			1.06		
0.38	11.54	 8			0.68		
0.20	11.74	 9			0.48		

RS	10a	LLANAFAN TO ABERYSTWYTH		FTC10	FTC10 _{TIME}	PAGE	53
VIA				TC10a	TARGET	30 MINS.	DISTANCE 12.22 MILES
PC	10				DUE		AVERAGE 24.44 MPH.
MILES		DIRECTION			INFORMATION		MILES TO TC
INTERVAL	TOTAL						
0.45	12.19				<div style="border: 1px solid black; padding: 5px; display: inline-block;"> Parcio a Theithio Di - dal Free Park and ride </div>		0.03
0.03	12.22				TC10a		0



RS	10b	HOLDING AREA TO FINISH RAMP	TC10b MC4	TC10b TIME	PAGE	55
VIA				TARGET	5 MINS.	DISTANCE
PC	-			DUE		AVERAGE
MILES		DIRECTION		INFORMATION		MILES TO TC
INTERVAL	TOTAL					
0	0			TC10b Onto asphalt.		0.93
0.02	0.02					0.91
0.24	0.26			<div style="border: 1px solid black; padding: 5px; display: inline-block;"> Aberteifi Cardigan A487 </div> <p>Get in left hand lane. Pelican crossing before roundabout.</p>		0.67
0.13	0.39			<div style="border: 1px solid black; padding: 5px; display: inline-block;"> Machynlleth A487 Llangurig (A44) </div>		0.54

RS	10b	HOLDING AREA		TC10b	TC10b TIME	PAGE	56
VIA		TO		MC4	TARGET	5 MINS.	DISTANCE
PC	-	FINISH RAMP		MC4	DUE		AVERAGE
MILES		DIRECTION			INFORMATION		MILES TO TC
INTERVAL	TOTAL						
0.15	0.54				<div style="border: 1px solid black; padding: 5px; display: inline-block;">Canolfan croeso Tourist Information</div>		0.39
0.11	0.65	4					0.28
0.28	0.93	5				MC4	0
		6					

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 MC4 or give it to a member of the organising team at 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	15.15									
2	8.26									
SUB-TOTAL										
3	11.30									
SUB-TOTAL										
4	11.45									
SUB-TOTAL										
5	6.30									
SUB-TOTAL										
6	1.00									
SUB-TOTAL										
7	1.00									
SUB-TOTAL										
8	8.30									
SUB-TOTAL										
9	4.40									
SUB-TOTAL										
10	6.00									
TOTAL										