



The Rally Bulldog



SERVICE PACK

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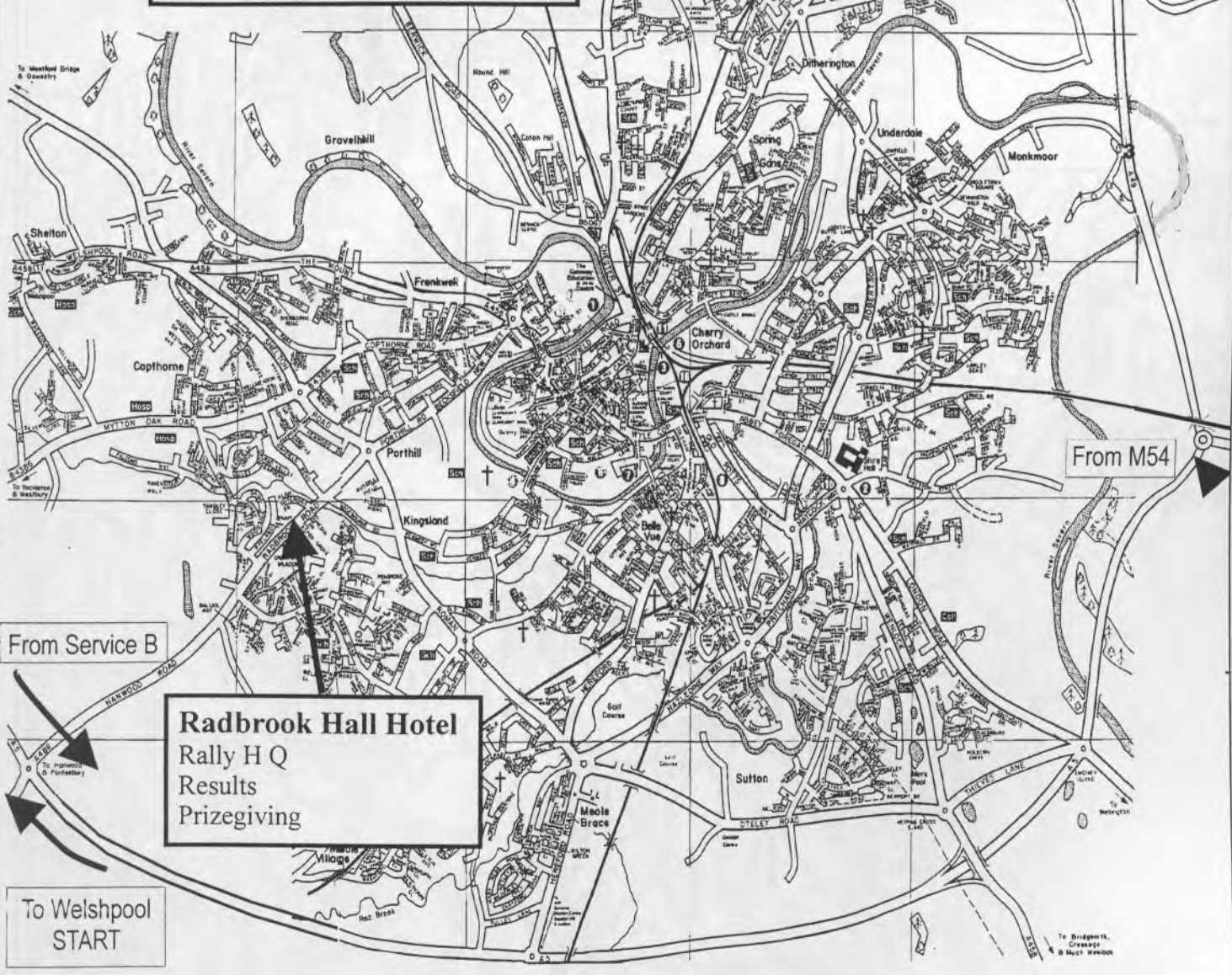
SHREWSBURY

Not to Scale

Shrewsbury Livestock Market

Noise Check
Scrutineering
Documentation
Trailer Park
Refreshments
Secure Parking
Rally Finish

From Stage
10



From Service B

Radbrook Hall Hotel
Rally H Q
Results
Prizegiving

To Welshpool
START

BULLDOG RALLY 1999

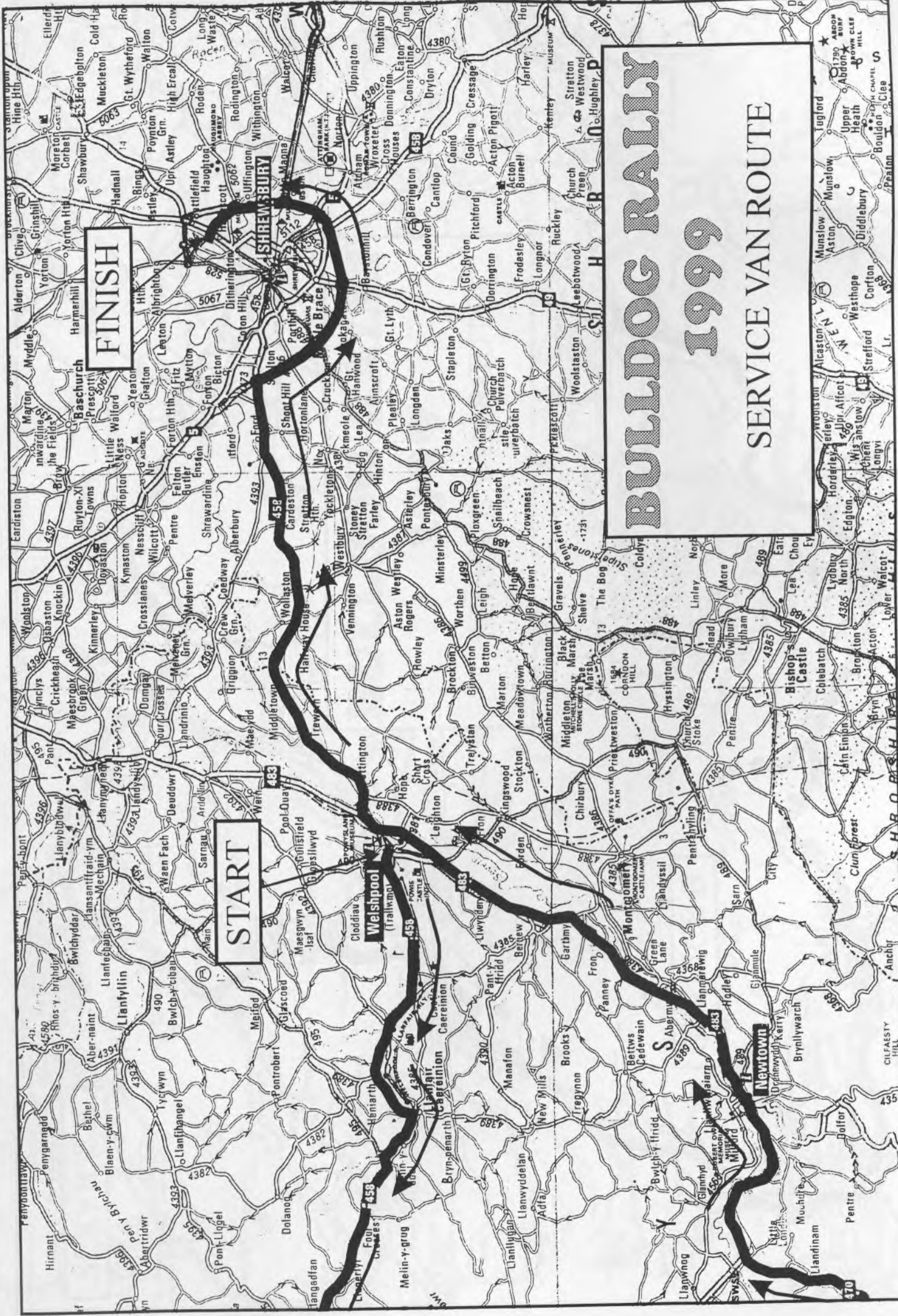
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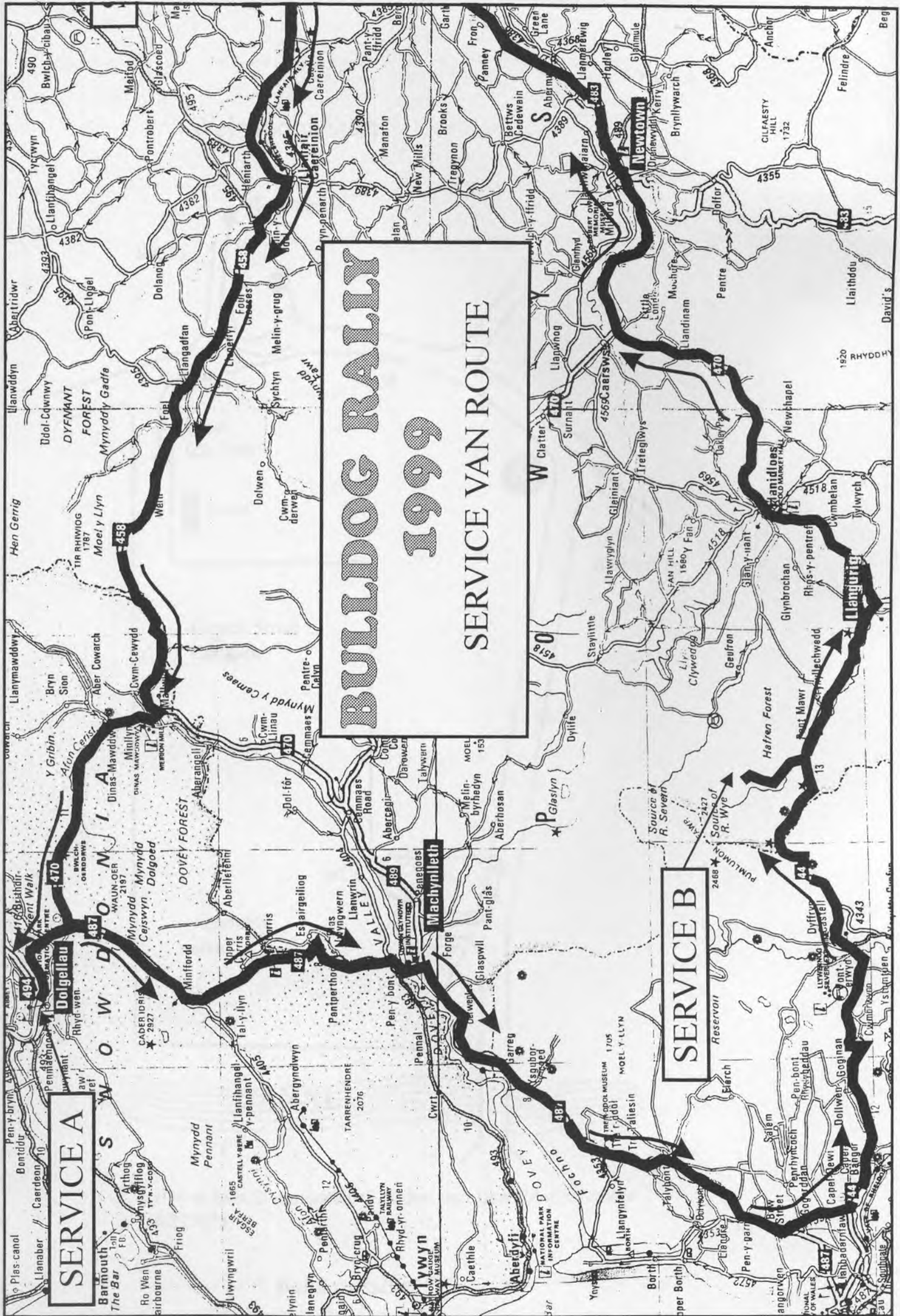
START

BULLDOG RALLY

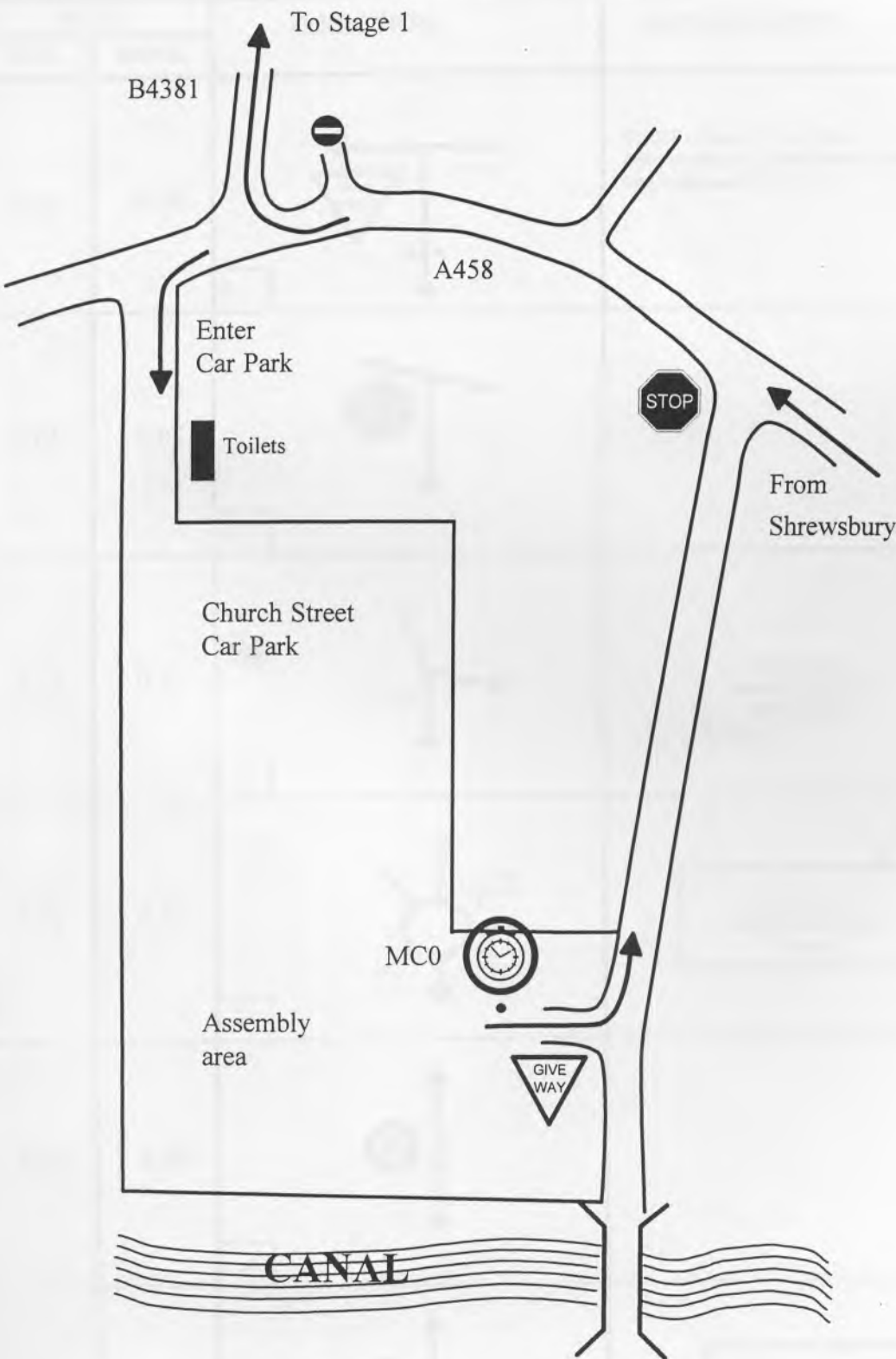
1999

SERVICE VAN ROUTE





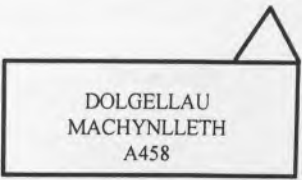


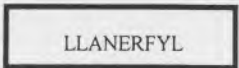



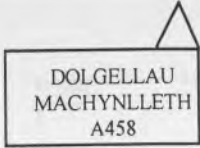








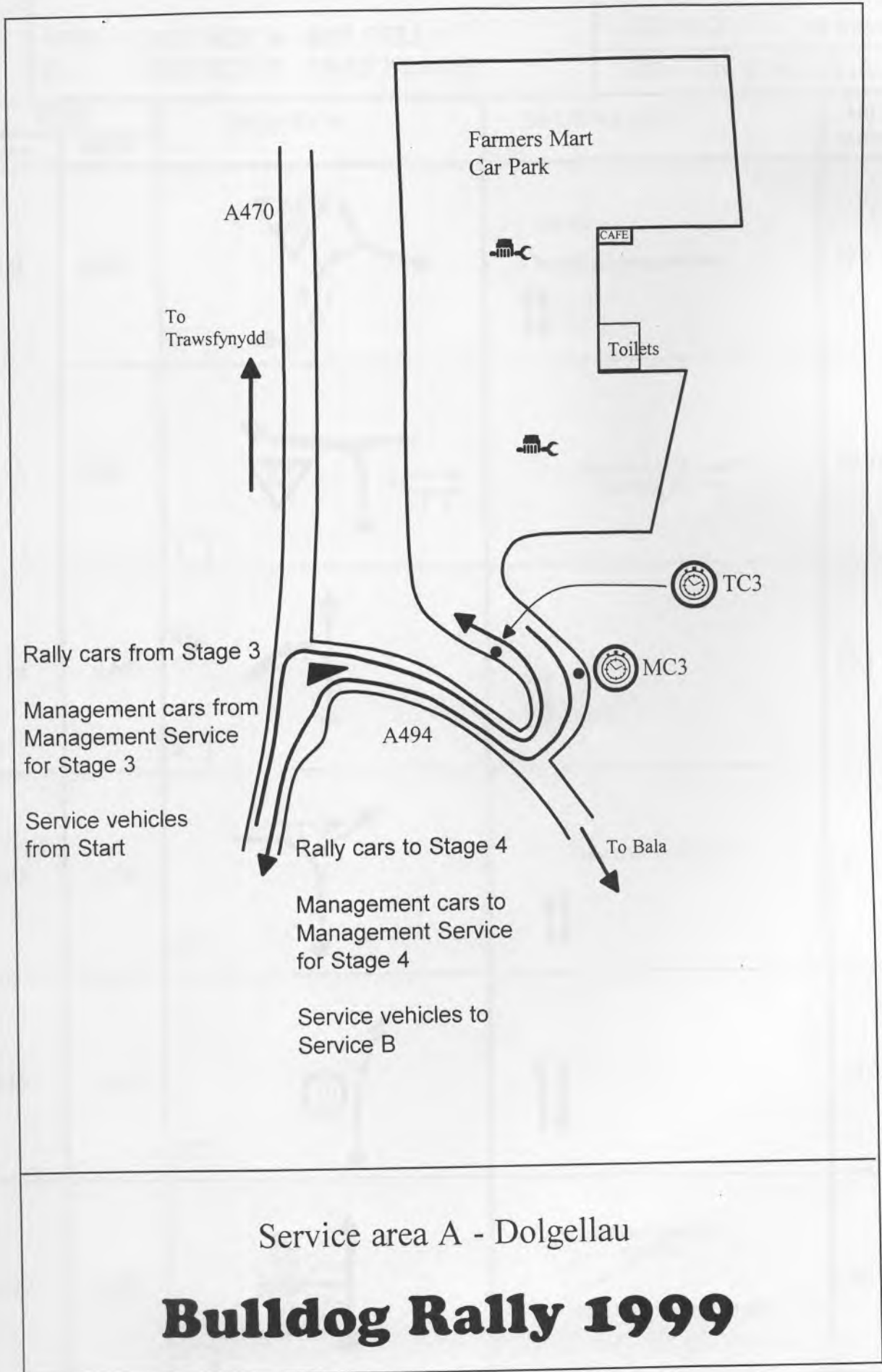
Welshpool Start



Arrive at least 20 minutes before due start time. Map reference 126/227075

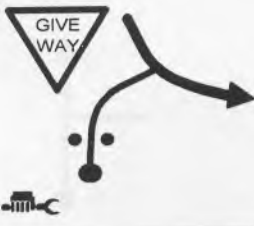

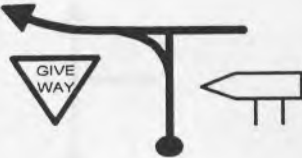






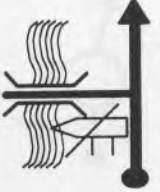
MILES		DIRECTION	INFORMATION	MILES to service
TOTAL	INTERVAL			
SERVICE ROUTE			PAGE	6
From - START - CAR PARK - WELSHPOOL			DISTANCE	37.26 MILES
To - SERVICE A - DOLGELLAU			FIRST CAR DUE	09.50hrs
0.00	0.00		START - Church St. Car Park. Drive slowly and quietly through Welshpool. Map Reference 126/227075	37.26
		0		
0.06	0.06			37.20
		1		
0.17	0.11		DOLGELLAU MACHYNLLETH B4381 (A458)	37.09
		2		
0.71	0.54			36.55
		3		
8.71	8.00			28.55
		4		
13.70	4.99			23.56
		5		



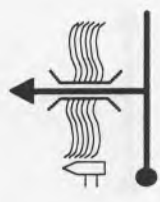
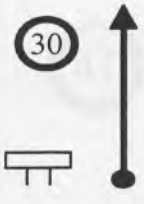

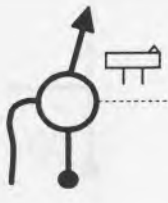
MILES		DIRECTION	INFORMATION	MILES to service
TOTAL	INTERVAL			
SERVICE ROUTE			PAGE	7
From - START - CAR PARK - WELSHPOOL			DISTANCE	37.26 MILES
To - SERVICE A - DOLGELLAU			FIRST CAR DUE	09.50hrs
15.86	2.16	6 		21.40
17.21	1.35	7 	CARE ! Rally cars join from right	20.05
24.49	9.28	8 	DOLGELLAU A470	10.77
37.16	10.67	8 	BALA A494 	0.10
37.26	0.10	9 	SERVICE A 	0.00










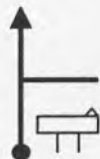
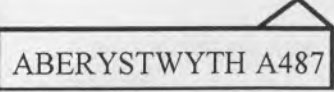


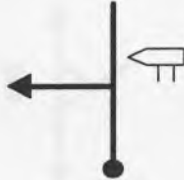
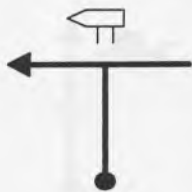

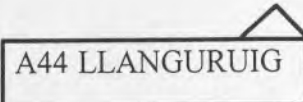

Service area A - Dolgellau





Bulldog Rally 1999

MILES		DIRECTION	INFORMATION	MILES to service
TOTAL	INTERVAL			
SERVICE ROUTE				
From - SERVICE A - DOLGELLAU		PAGE 9		
To - SERVICE B - SWEET LAMB		DISTANCE 49.87 MILES		
		FIRST CAR DUE 13.10hrs		
0.00	0.00	 0	SERVICE A Zero trip as joining public road. 	49.87
0.08	0.08	 1	MACHYNLLETH (A487) LLANGURIG A470	49.79
0.74	0.66	 2		49.13
2.92	2.18	 3	MACHYNLLETH A487 	46.95
8.59	5.67	 4		41.28
11.29	2.70	 5	ESGAIRGELLIOG CERNWS Care - Rally traffic crossing your path.	38.58

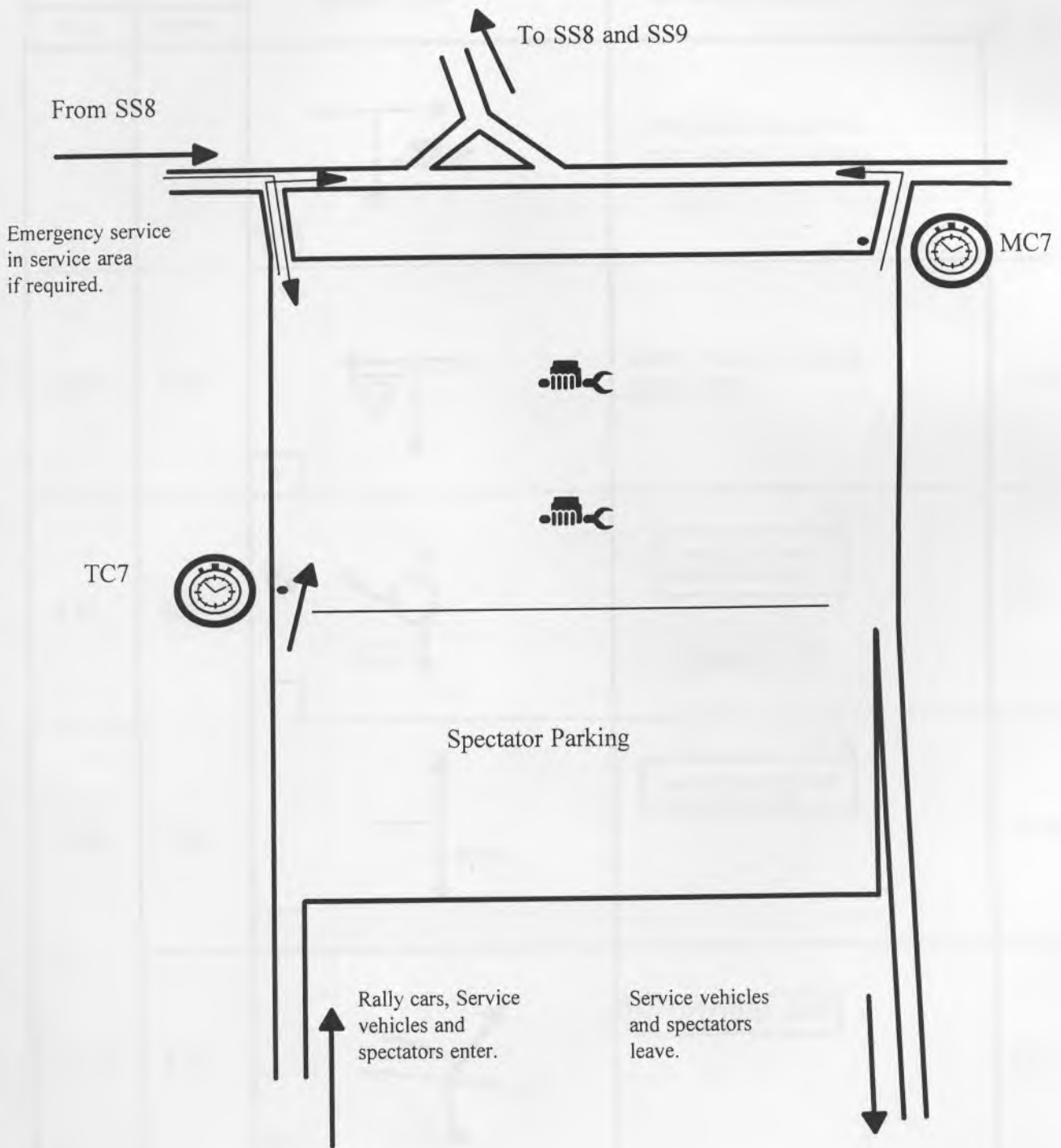
MILES		DIRECTION	INFORMATION	MILES to service
TOTAL	INTERVAL			
SERVICE ROUTE		PAGE		10
From - SERVICE A - DOLGELLAU		DISTANCE		49.87 MILES
To - SERVICE B - SWEET LAMB		FIRST CAR DUE		13.10hrs
12.03	0.74	 <div style="border: 1px solid black; width: 20px; height: 20px; text-align: center; margin: 5px auto;">6</div>	pass stage entry on right.	37.84
13.03	1.00	 <div style="border: 1px solid black; width: 20px; height: 20px; text-align: center; margin: 5px auto;">7</div>	Pass stage exit on right.	36.84
14.90	1.87	 <div style="border: 1px solid black; width: 20px; height: 20px; text-align: center; margin: 5px auto;">8</div>	MACHYNLLETH A487	34.97
15.26	0.36	 <div style="border: 1px solid black; width: 20px; height: 20px; text-align: center; margin: 5px auto;">9</div>	<div style="border: 1px solid black; padding: 2px; display: inline-block;">MACHYNLLETH</div> Slow and Quiet.	34.61
15.76	0.50	 <div style="border: 1px solid black; width: 20px; height: 20px; text-align: center; margin: 5px auto;">10</div>	Over mini round-abouts.	34.11
15.98	0.22	 <div style="border: 1px solid black; width: 20px; height: 20px; text-align: center; margin: 5px auto;">11</div>	<div style="border: 1px solid black; padding: 2px; display: inline-block;">ABERYSTWYTH A487</div>	33.89

MILES		DIRECTION	INFORMATION	MILES to service
TOTAL	INTERVAL			
SERVICE ROUTE				
From - SERVICE A - DOLGELLAU		PAGE 11		
To - SERVICE B - SWEET LAMB		DISTANCE 49.87 MILES		
		FIRST CAR DUE 13.10hrs		
17.40	1.42	<div style="text-align: center;">  </div>	DERWENLAS	32.47
		12		
21.14	3.74	<div style="text-align: center;">  </div>	EGLWYS FACH	28.73
		13		
22.77	1.63	<div style="text-align: center;">  </div>	Pass stage start on left	27.10
		14		
25.82	3.05		TAL Y BONT	24.05
		15		
25.92	0.10			23.95
		16		
26.27	0.35	<div style="text-align: center;">  </div>	ABERYSTWYTH A487	23.60
		17		

SERVICE ROUTE			PAGE	12
From - SERVICE A - DOLGELLAU		DISTANCE		49.87 MILES
To - SERVICE B - SWEET LAMB		FIRST CAR DUE		13.10hrs
MILES		DIRECTION	INFORMATION	MILES to service
TOTAL	INTERVAL			
28.92	2.65	  18	 ABERYSTWYTH A487  BOW STREET	20.95
29.12	0.20	 19		20.75
30.12	1.00	 20	A4159 LLANGURIG A44 ABERTEIFI	19.75
32.92	2.80	 21	A44 LLANGURIG	16.95
40.77	7.85	 22	 A44 LLANGURUIG	9.10
40.78	0.01	 23	CARE ! RALLY CARS CROSSING FROM LEFT	9.09

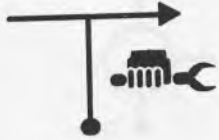





SERVICE ROUTE			PAGE	13
From - SERVICE A - DOLGELLAU			DISTANCE	49.87 MILES
To - SERVICE B - SWEET LAMB			FIRST CAR DUE	13.10hrs
MILES		DIRECTION	INFORMATION	MILES to service
TOTAL	INTERVAL			
48.13	7.35	 24	TURN INTO SWEET LAMB COMPLEX	1.74
49.11	0.98	 25	FOLLOW ARROWS	0.76
49.26	0.15	 26	Onto gravel.	0.61
49.87	0.61	 27	ENTER SERVICE B	0.00


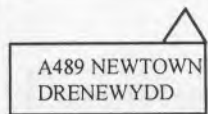
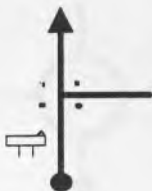
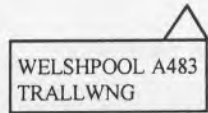


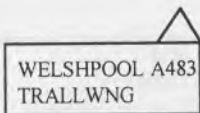
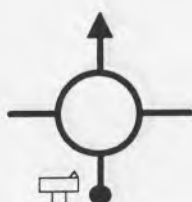
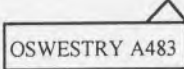
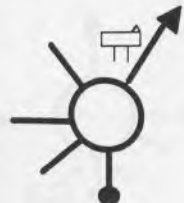

Service area B - Sweet Lamb


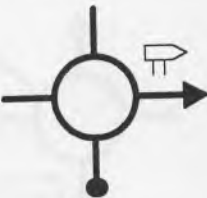
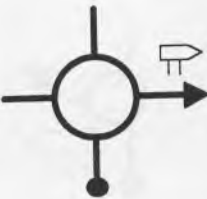
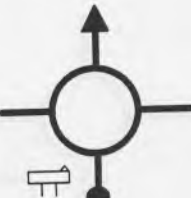
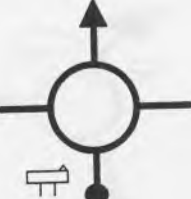




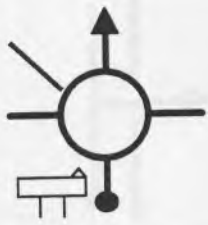
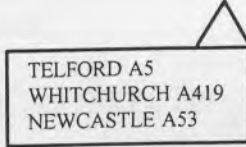

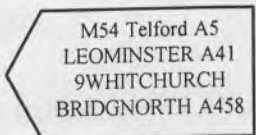
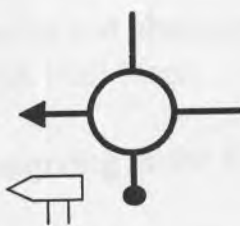
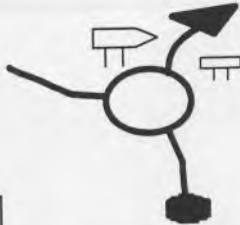

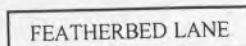


First car is due at MC7 at 13.53 which will give that vehicle about 40m service time. Cars will be grouped up at MC7 such that service time will be variable, however everybody will get at least 20m service time.

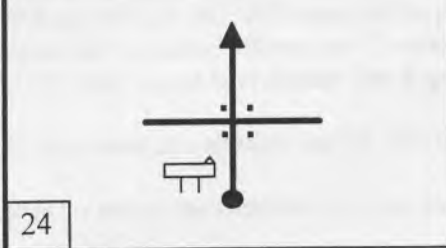
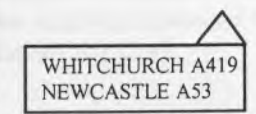
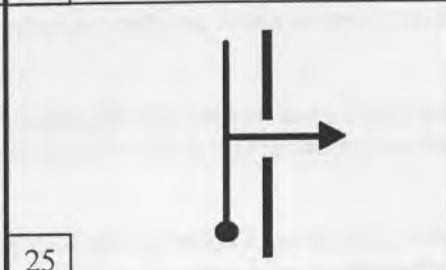
SERVICE ROUTE		PAGE	15
From - SERVICE B - SWEET LAMB		DISTANCE	61.40 MILES
To - FINISH - SHREWSBURY		FIRST CAR DUE	17.00hrs

MILES		DIRECTION	INFORMATION	MILES to service
TOTAL	INTERVAL			
		 0	FOLLOW ARROWS ONE WAY SYSTEM	
0.00	0.00	 1	JOIN PUBLIC ROAD ZERO TRIP	61.40
4.95	4.95	 2	<div style="border: 1px solid black; padding: 2px; display: inline-block;"> DOLGELLAU A470 NEWTOWN A489 </div>	56.45
8.60	3.65	 3	<div style="border: 1px solid black; padding: 2px; display: inline-block;"> MACHYNLETH A489 NEWTOWN A470 </div>	52.80
17.20	8.60	 4	<div style="border: 1px solid black; padding: 2px; display: inline-block;"> NEWTOWN A489 </div>	44.20
21.30	4.10	 5	NEWTOWN <div style="border: 1px solid black; width: 100px; height: 20px; margin-top: 5px;"></div>	40.10

SERVICE ROUTE			PAGE	16	
From -		SERVICE B - SWEET LAMB		DISTANCE	61.40 MILES
To -		FINISH - SHREWSBURY		FIRST CAR DUE	17.00hrs
MILES		DIRECTION	INFORMATION	MILES to service	
TOTAL	INTERVAL				
21.45	0.15	 6	 A489 NEWTOWN DRENEWYDD	39.95	
22.45	1.00	 7	 WELSHPOOL A483 TRALLWNG	38.95	
22.70	0.25	 8		38.70	
22.95	0.25	 9	 WELSHPOOL A483 TRALLWNG	38.45	
34.55	11.60	 10	 OSWESTRY A483 (New island)	26.85	
36.05	1.50	 11	 OSWESTRY A483	25.35	

SERVICE ROUTE			PAGE	17
From - SERVICE B - SWEET LAMB			DISTANCE	61.40 MILES
To - FINISH - SHREWSBURY			FIRST CAR DUE	17.00hrs
MILES		DIRECTION	INFORMATION	MILES to service
TOTAL	INTERVAL			
36.70	0.65	<div style="border: 1px solid black; padding: 2px; display: inline-block;">12</div> 	<div style="border: 1px solid black; padding: 5px; display: inline-block;">OSWESTRY A465</div>	24.70
37.30	0.60	<div style="border: 1px solid black; padding: 2px; display: inline-block;">13</div> 	SHREWSBURY A458	24.10
51.55	14.25	<div style="border: 1px solid black; padding: 2px; display: inline-block;">14</div> 	<div style="border: 1px solid black; padding: 5px; display: inline-block;">M54 Telford A5 LEOMINSTER A419 WHITCHURCH BRIDGNORTH A458</div>	9.85
52.60	10.5	<div style="border: 1px solid black; padding: 2px; display: inline-block;">15</div> 	<div style="border: 1px solid black; padding: 5px; display: inline-block;">M54 Telford A5 LEOMINSTER A419WHITCHURCH BRIDGNORTH A458</div>	8.80
53.50	0.90	<div style="border: 1px solid black; padding: 2px; display: inline-block;">16</div> 	<div style="border: 1px solid black; padding: 5px; display: inline-block;">M54 -TELFORD A5 LEOMINSTER A419 WHITCHURCH BRIDGNORTH A458</div>	7.90
55.50	2.00	<div style="border: 1px solid black; padding: 2px; display: inline-block;">17</div> 	<div style="border: 1px solid black; padding: 5px; display: inline-block;">M54 -TELFORD A5 LEOMINSTER A419 WHITCHURCH BRIDGNORTH A458 NEWCASTLE A53</div>	5.90

SERVICE ROUTE			PAGE	18
From - SERVICE B - SWEET LAMB			DISTANCE	61.40 MILES
To - FINISH - SHREWSBURY			FIRST CAR DUE	17.00hrs
MILES		DIRECTION	INFORMATION	MILES to service
TOTAL	INTERVAL			
57.00	1.50	 18	WHITCHURCH A419 NEWCASTLE A53	4.40
57.90	0.90	 19		3.50
58.75	0.85	 20		2.65
60.40	1.65	 21	B5062 SHREWSBURY	1.00
60.50	0.10	 22	 	0.90
61.05	0.55	 23		0.35

MILES		DIRECTION	INFORMATION	MILES to service
TOTAL	INTERVAL			
SERVICE ROUTE				
From - SERVICE B - SWEET LAMB To - FINISH - SHREWSBURY			PAGE 19	
			DISTANCE 61.40 MILES	
			FIRST CAR DUE 17.00hrs	
61.30	0.25			0.10
61.40	0.10		ENTER LIVESTOCK MARKET PARK AS DIRECTED	0.00
<p>Competitors will be passing over the finish ramp at the Livestock Market from 16.00 hours.</p> <p>Food and drink will be available in the SHROPSHIRE LAD pub on the Livestock Market site.</p> <p>Results and changing facilities at Rally H.Q. the Radbrook Hall Hotel.</p> <p>Prizegiving at the Radbrook Hall Hotel at 9 pm.</p>				

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 Regulations 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 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 Regulations 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

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 **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

<u>SERVICE AREA A</u>	<u>DOLGELLAU</u> Time allowed - variable	<u>MR 124/735181¹/₂</u> (Between 20 & 40 minutes)	First Car Due: 09.50 hrs.
Servicing in Farmers Mart complex. Obey Service Vehicle Route.			

<u>SERVICE AREA B</u>	<u>SWEET LAMB</u> Time allowed - variable	<u>MR 135/826849</u> (Between 20 & 40 minutes)	First Car Due: 13.10 hrs.
Servicing in Sweet Lamb Complex. Obey Service Vehicle Route.			

FACILITIES AVAILABLE

Hot food and drinks will be available as well as toilets (male & female) at both venues.

SERVICE VEHICLE ROUTE

Service vehicles are required to follow the designated route between the service areas as described below.

See the Service or management packs for tulip diagrams and actual mileages.

START TO SERVICE A - DOLGELLAU

(40 Miles) MAP 124 / 125 / 126 First car due at about 09.50 hrs.

Leave the Church Street Car Park in Welshpool by turning left on Mill Lane
In 0.06 miles turn left at 'T' junction with main road

In 0.11 miles turn right on B4381 towards Dolgellau and Machynlleth
In 0.54 miles, straight on at island to Dolgellau on A458

Remain on A458 after 17.15 miles passing turning to Stage 1.

After a further 11.14 miles turn right at the island on to A470 to Dolgellau
 In 10.74 miles turn right on to A494 to Bala
 In 0.10 miles turn left into the Farmers Mart Service Area.

SERVICE A – DOLGELLAU TO SERVICE B – SWEET LAMB
 (46 Miles) MAP 124 / 135 First car due at about 13.10 hrs.

Turn right out of the exit of the Farmers Mart on to A 494
 In 0.1 miles turn left on to A470 towards Machynlleth
 In 2.18 miles turn right on to A487 to Machynlleth
 Remain on A487 through Machynlleth towards Aberystwyth
 1mile after entering the village of Bow Street turn left on to A4159
 In 2.80 miles turn left onto A44 towards Llangurig
 In 15.40 miles turn left into Sweet Lamb Complex

SERVICE B- SWEET LAMB – TO FINISH AT SHREWSBURY LIVESTOCK MARKET
 (61.5 Miles) MAP 135/ 136/ 126 First car due about 17.00 hrs.

Follow arrows to exit of Sweet Lamb Complex and turn left onto A44.
 After 4.5 miles turn left onto A470 to Dolgellau & Newtown
 Pass through Newtown then follow the A483 to Welshpool
 Follow the Welshpool by-pass then turn off to Shrewsbury on the A458
 After 14.00 miles turn right on A5, Shrewsbury by-pass
 Follow the signs to the Livestock Market.

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

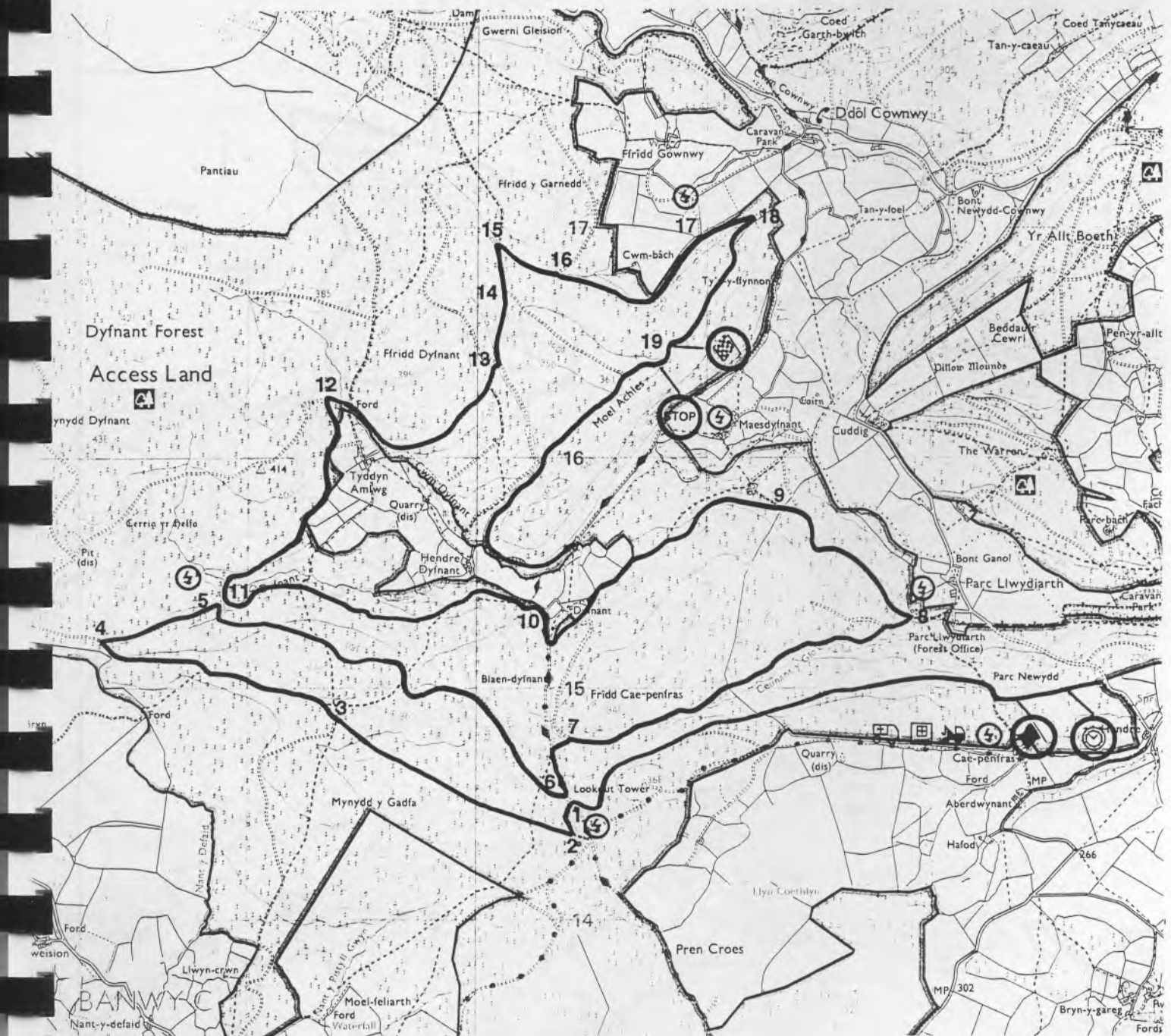
<u>Rally Section</u>	<u>Road Miles</u>	<u>Stage Miles</u>	<u>No. Of Stages</u>
Start to Service A	48	26	3
Service A to Service B	45	29	4
Service B to Finish	72	28	3

RALLY ROUTE DEFINED BY MAP REFERENCE

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ROUTE	INFORMATION	MAP REFERENCE	APP	DEP
via		126/236080	NE	W
via	Enter Church street car park	225075½	N	SE
MC0		227075		NE
via		227076	SE	W
via		225076	NE	NW
via		125/103½066	NE	W
via		010111½	SE	NE
ATC1	Stage 1 - Dyfnant 1	025150	NE	
FTC1		991145		S
PC1		988½133	NE	SE
via		846099	SE	NW
via		832104	SE	NW
ATC2	Stage 2 - Gartheiniog	827½109	SE	
FTC2		124/806111½		SE
ATC3	Stage 3 - Dyfi Main	813104	N	
FTC3		770067		SW
PC3		757060	NE	NW
TC3	Service A - Dolgellau	734181½	E	
MC3	Dolgellau service out	734181½		E
ATC4	Stage 4 - Pantperthog	754½054	S	
FTC4		748½054		S
via		135/748045	E	S
PC4		748043	N	SW
via		672940½	E	SW
ATC5	Stage 5 - Taliesin	702935	W	
FTC5		737922		S
via		723909½	NE	SE
via		751812	W	S
PC5		742½771	NE	SW
ATC6	Stage 6 - Myherin	766757½	S	
FTC6		801779		E
ATC7	Stage 7 - Tarenig	809785	W	
FTC7		839823		NE
PC7		839½828	SE	NW
via		829837½	E	N
TC7	Service B - Sweet Lamb	830849	SE	
MC7	Sweet Lamb service out	136/831½851		SW
via		829853	SE	NW
ATC8	Stage 8 - Sweet Lamb	825½856	N	
FTC8		827849		NE
via		829853	SE	NW
ATC9		833867½	SW	
FTC9		865½904½		SE
PC9		872½904	SW	NE
via		931002	NW	NE
via		125/034½097	SW	W
via		010111½	SE	NE
ATC1	Stage 10 - Dyfnant 2	025150	NE	
FTC10		008164		SW
via		001156	N	SE
PC10		015174	W	E
via		071173	SW	NE
via		172184	NW	NE
via		126/282241	NW	E
via		424½222	W	S
via		475187	W	S
via	New road to next via	497166	W	NE
via		515½168	SW	S
MC10	Finish control	514162	E	

Stage No. 10
DYFNANT 2
10.91 miles



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Bulldog Rally 1999

Stage No. 9
HAFREN
 13.01 miles



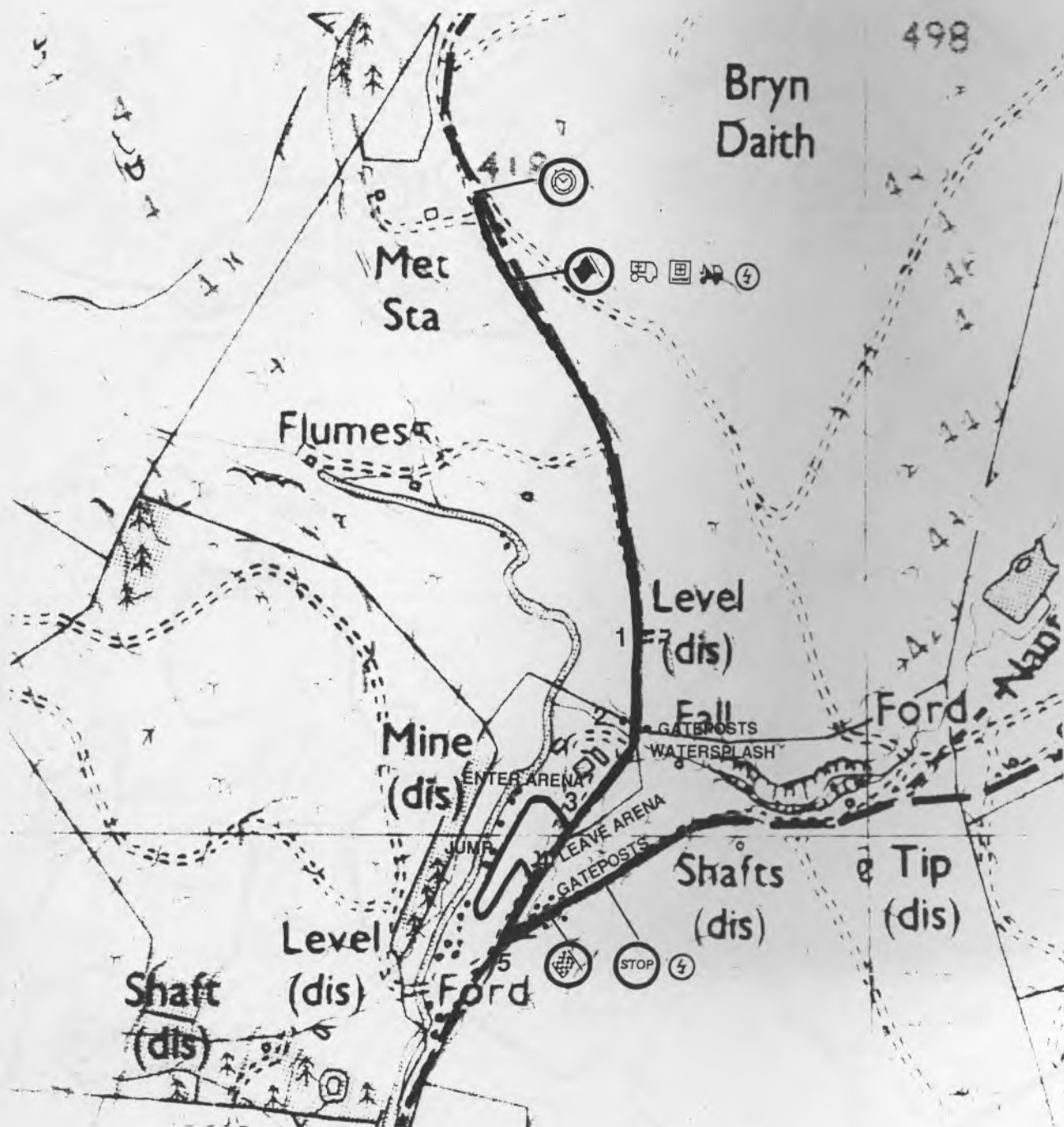
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Stage No. 8

SWEET LAMB

0.78 miles



NB: Scale increased to 400%

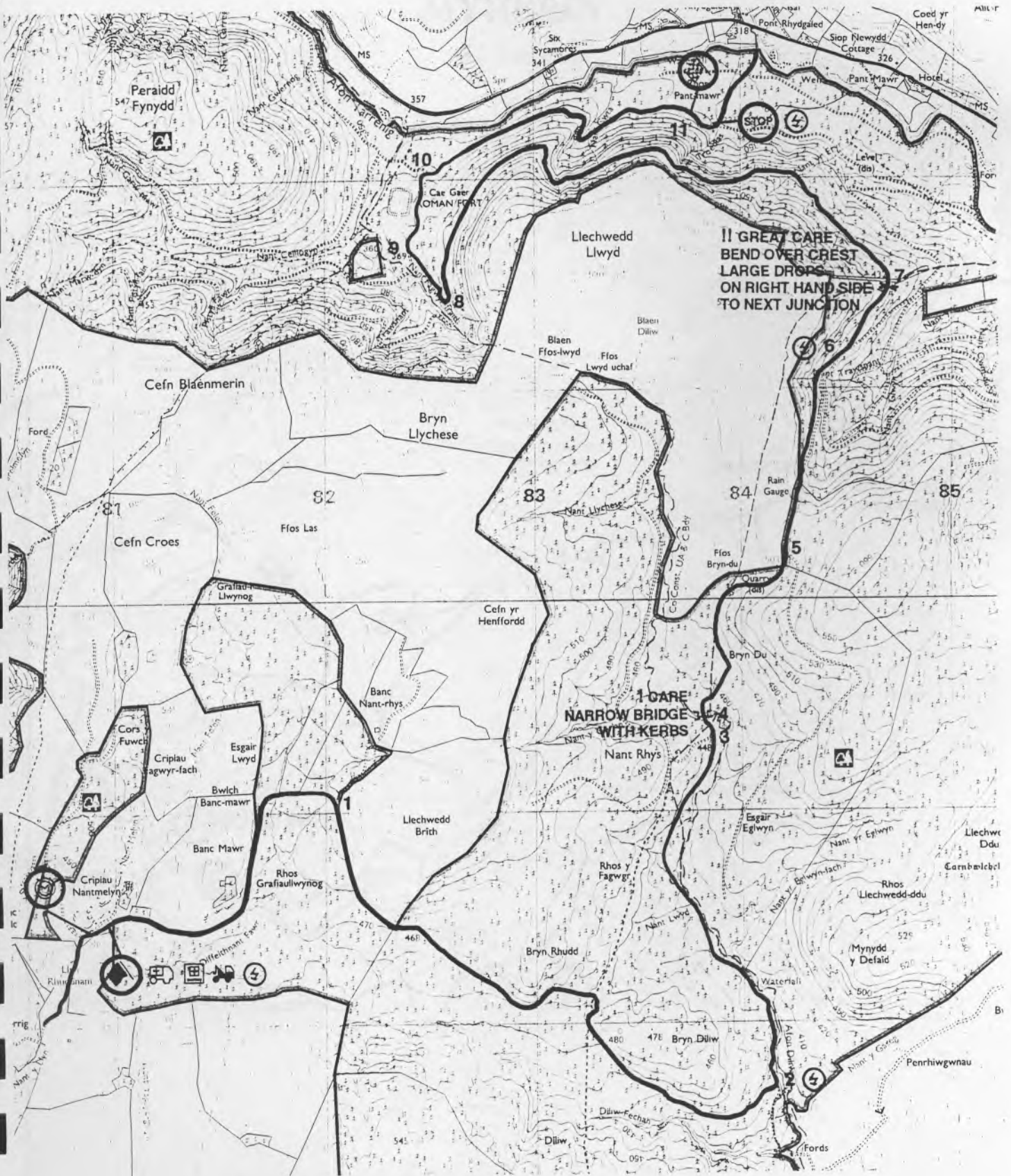
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Stage No. 7
TARENIG
9.05 miles



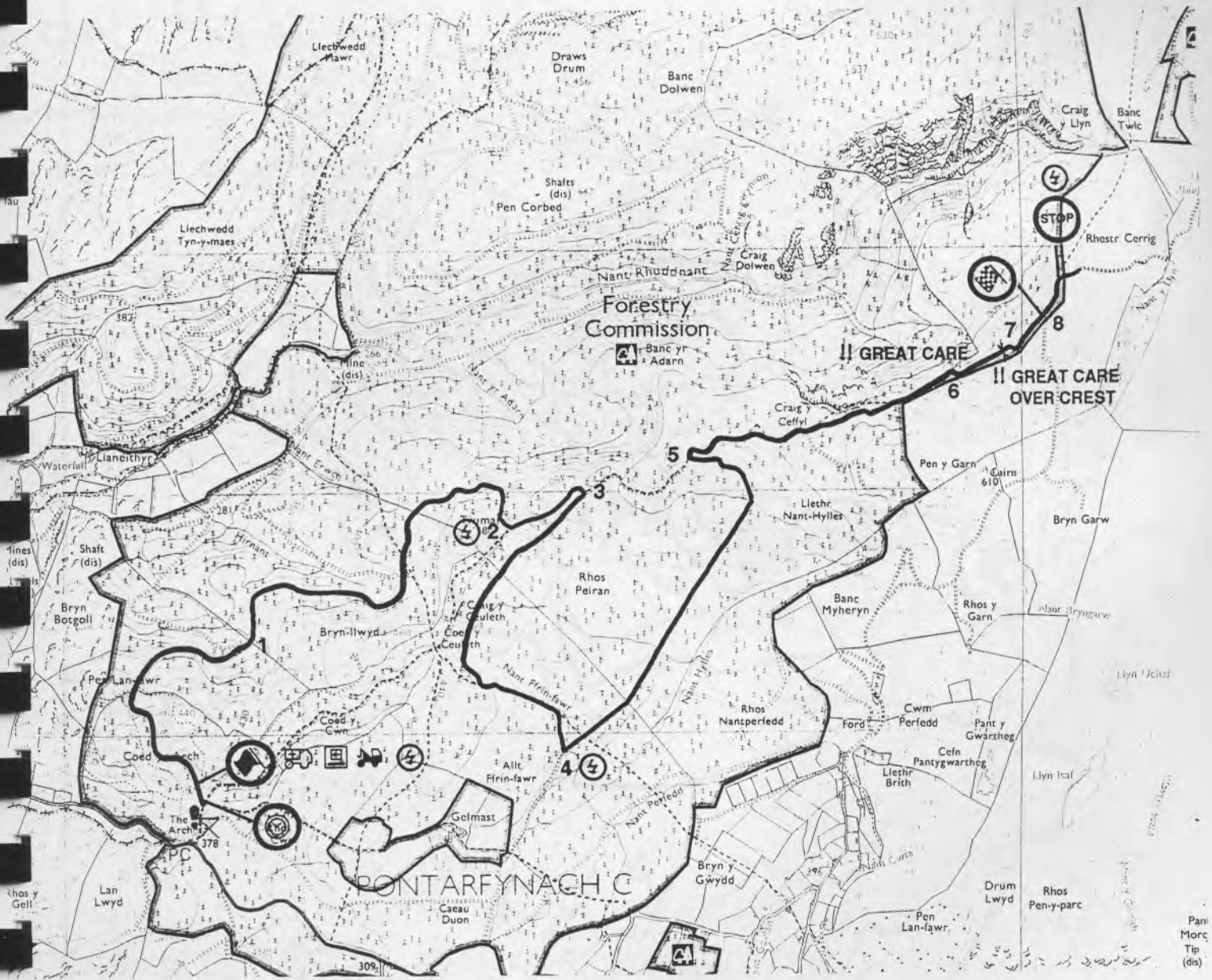
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Stage No. 6
MYHERIN
5.16 miles

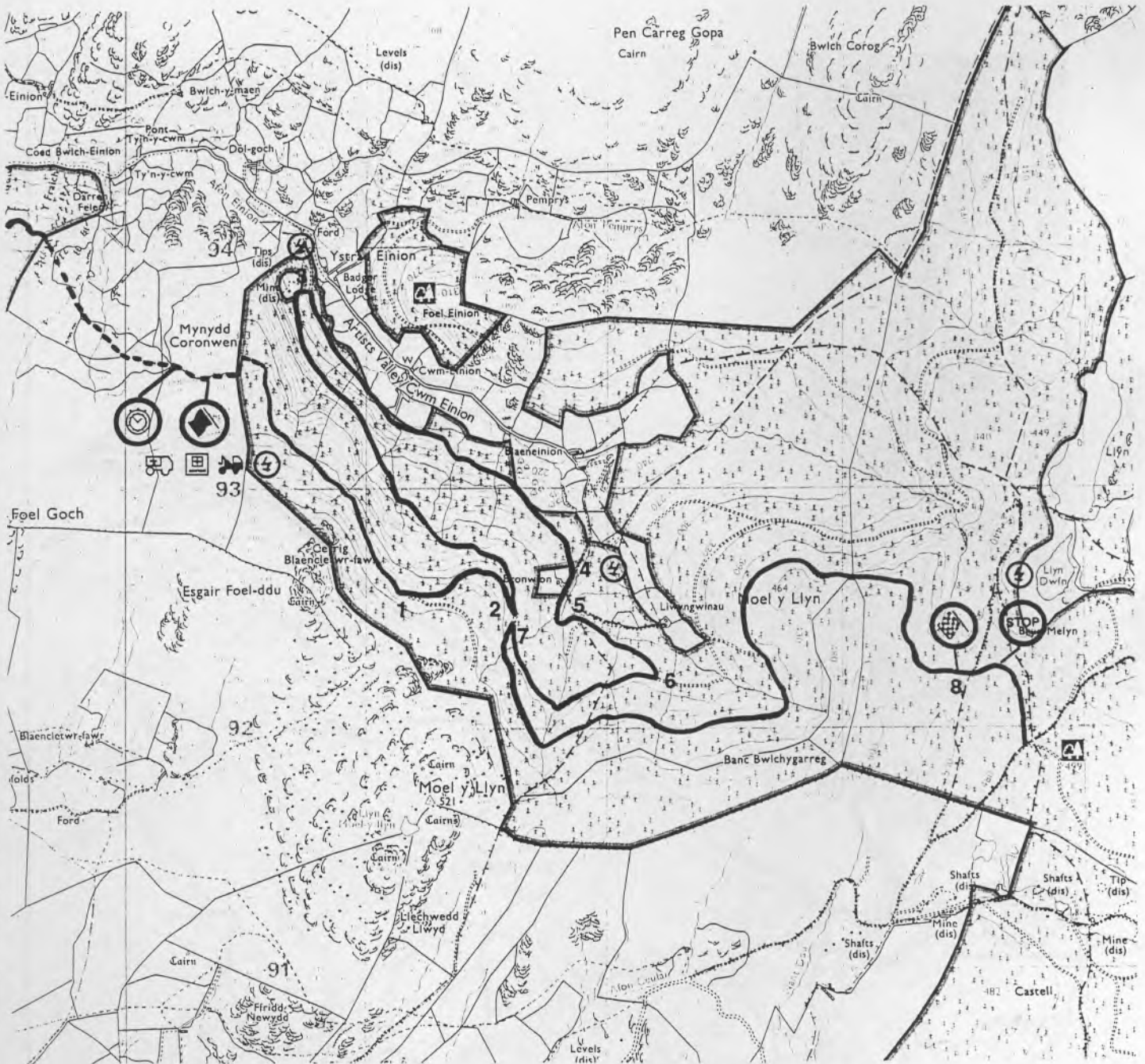


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Stage No. 5
TALIESIN

6.81 miles



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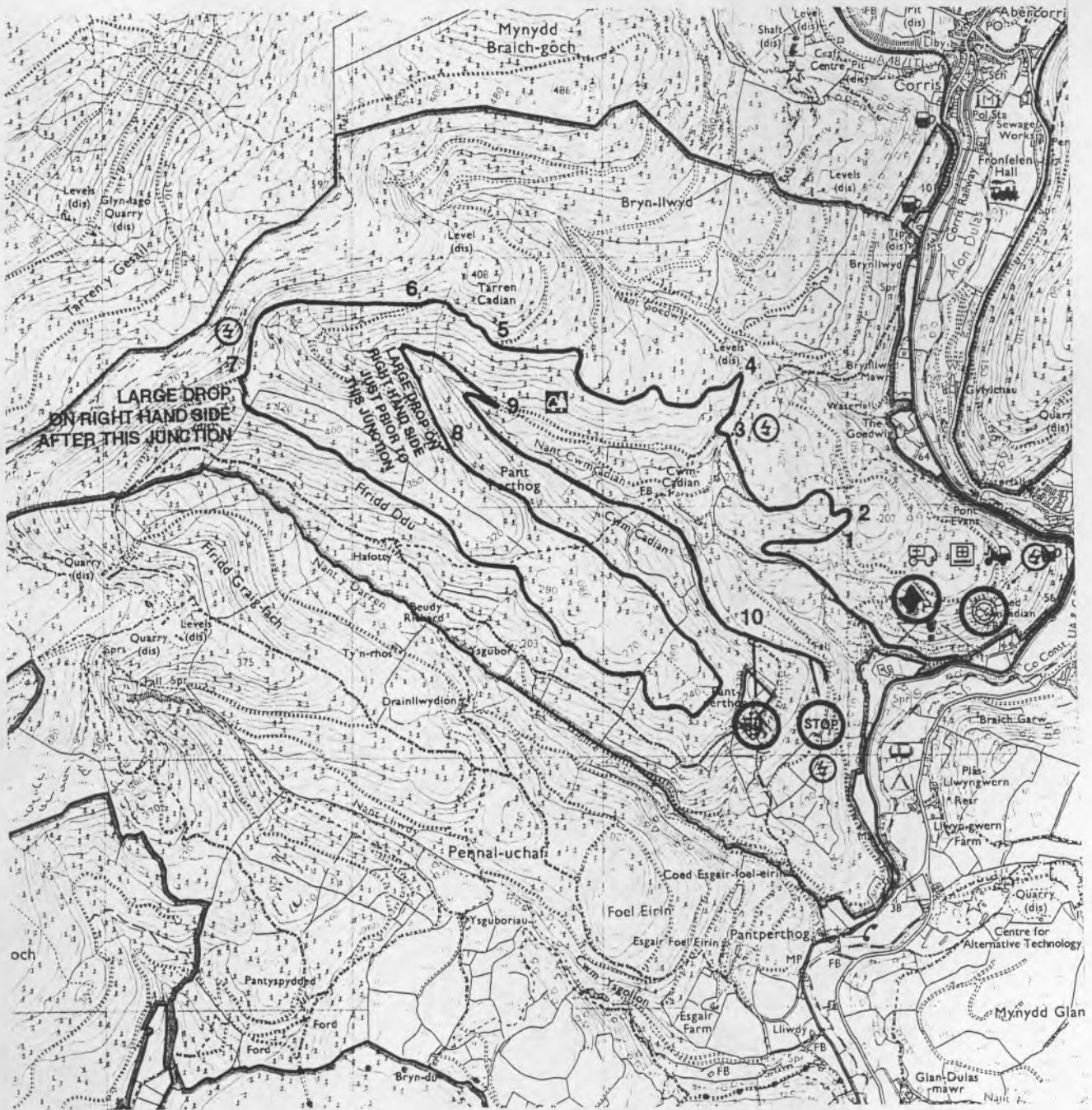
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Bulldog Rally 1999

Stage No. 4

PANTPERTHOG

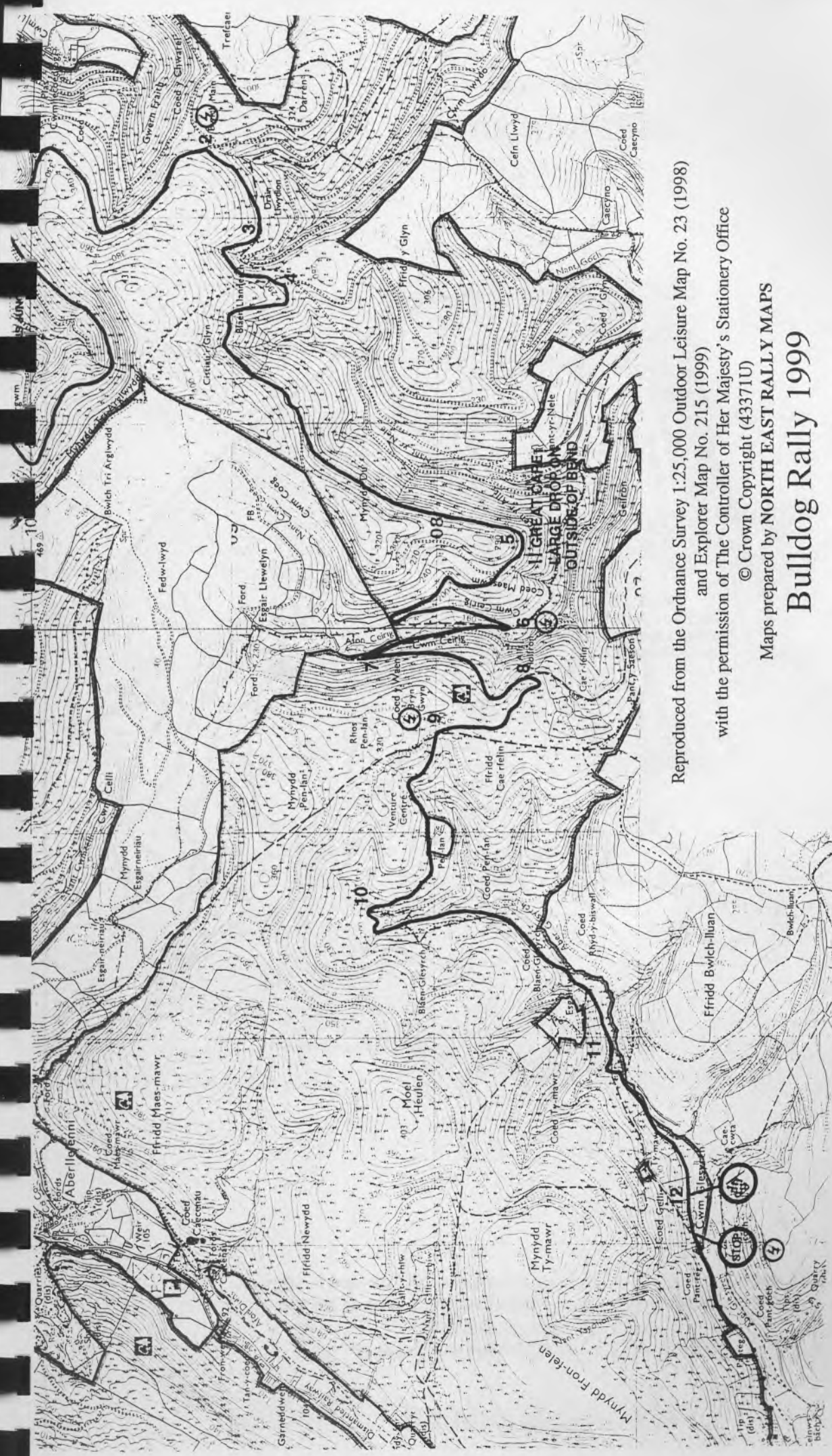
7.38 miles



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Bulldog Rally 1999

Stage No. 3

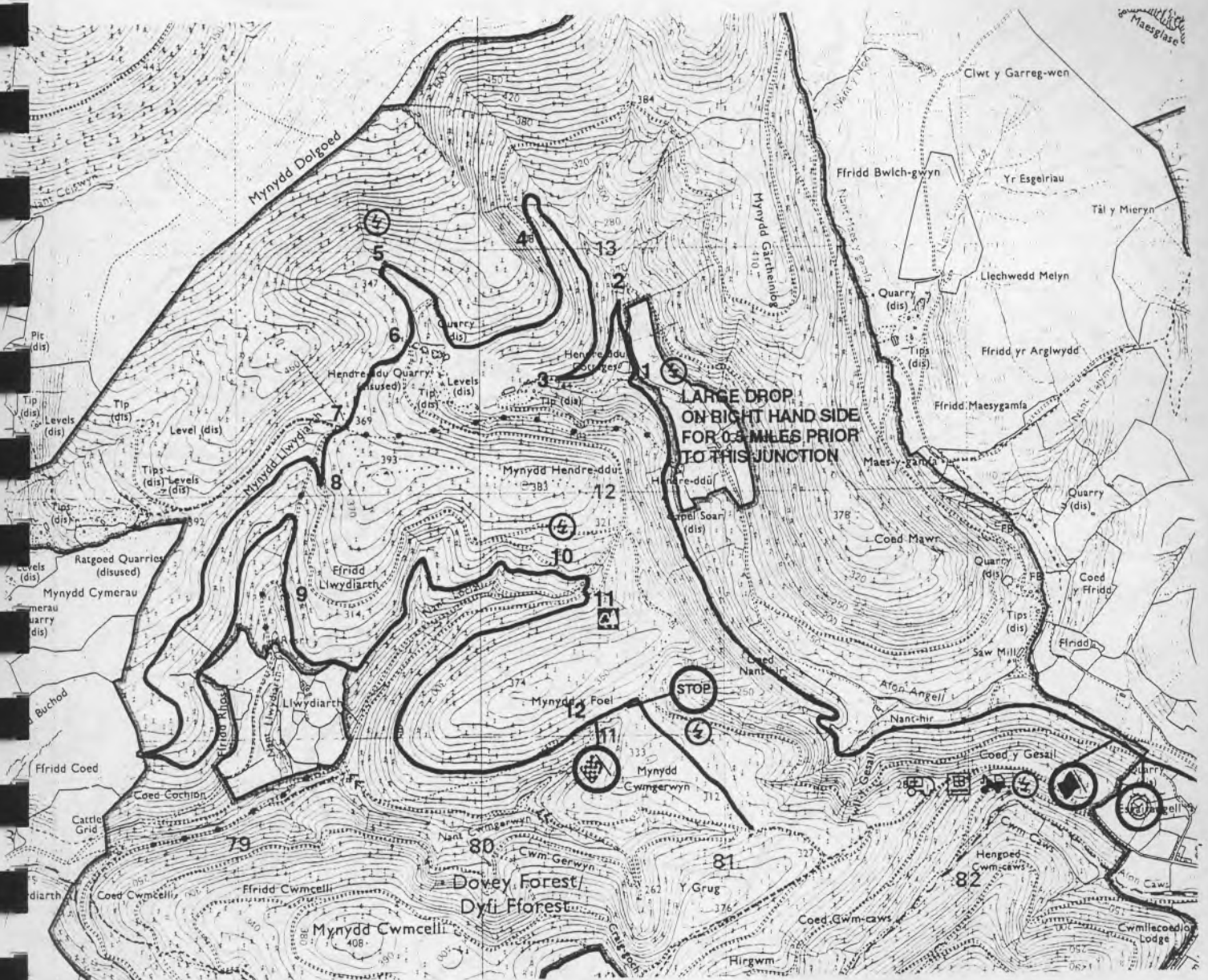


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Stage No. 2

GARTHEINIOG

9.37 miles



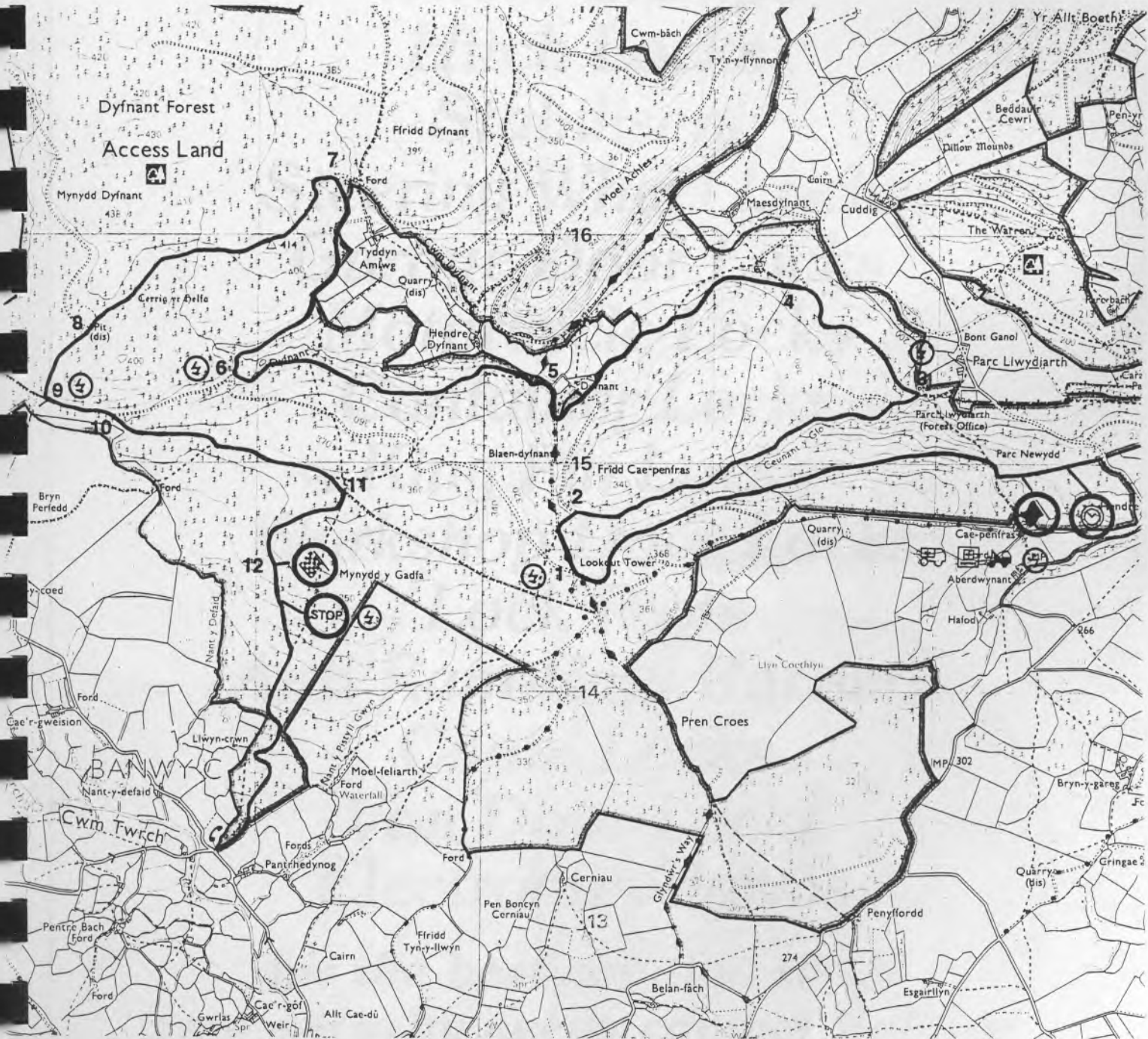
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Stage No. 1
DYFNANT 1
7.99 miles



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