

Wolverhampton & South Staffs Car Club

Castrol

77

NATIONAL RALLY

October 15th 1977

Supported by Senfield Property

ROAD BOOK



77

ROAD BOOK

CONTENTS

1. List of Main Controls, Time Controls, Passage Controls, Special Stages and the Service Area
2. Stage Arrowing System.
3. Route defined by Map References.
4. Tulip Road Book incorporating Tulip Diagrams for the Special Stages.

SERVICING

Servicing is only permitted at the Service Area at Dylife. Service Vehicles are restricted, during the period of the rally, to using the A487 between Aberystwyth and Machynlleth, the A489 in Machynlleth between the Clock Tower and the junction with the Dylife road and the unclassified road between Machynlleth and Dylife. P.O. Telephone Box at Dylife - Number Llanbrynmair 232. All other roads are out of bounds to Service Vehicles.

The penalty for servicing (for definition see A.S.R. 21) anywhere other than at the Service Area at Dylife or for a Service Vehicle being observed anywhere other than on the route detailed above is EXCLUSION. Judges of Fact have been appointed who will be on the look-out for offenders, both ON and OFF route.

LIST OF MAIN CONTROLS, TIME CONTROLS,
PASSAGE CONTROLS, SPECIAL STAGES AND THE SERVICE AREA

<u>CONTROL</u>	<u>LOCATION</u>	<u>MAP REF</u>	<u>STD TIME</u>
START (MC1)	PARK AV. CAR PARK ABERYSTWYTH	135/587813	08.00
HALFWAY 'IN' (MC2)	MUNICIPAL CAR PARK MACHYNLLETH	748008	11.00
HALFWAY 'OUT' (MC3)	WYNNSTAY ARMS HOTEL MACHYNLLETH	747008	12.00
PASSAGE CONTROL	CEMMAES ROAD	808044	-
FINISH (MC4)	PARK AV. CAR PARK ABERYSTWYTH	587813	17.30

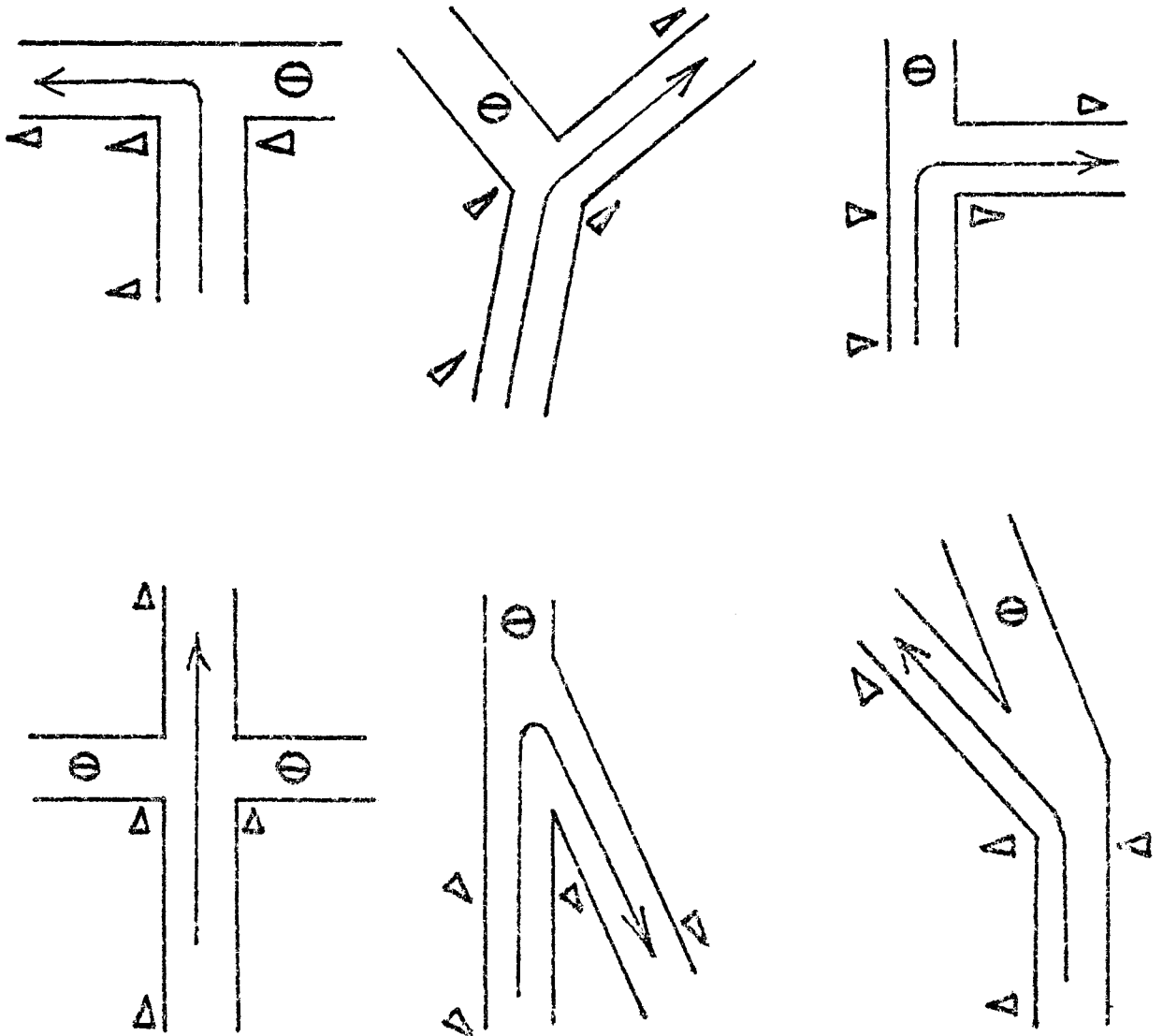
<u>STAGE</u>	<u>ARRIVAL TIME CONTROL</u>	<u>STAGE FINISH</u>	<u>TARGET TIME</u>	<u>STD TIME</u>
1. MYHERIN 1	135/779755	769786	11m 30s	08.30
2. HAFREN 1	873849	873904	18m 00s	09.30
3. PANTPERTHOG	748045	124/749058	8m 30s	12.06
4. DYFI CARTHENIOG	124/796111	810107	10m 30s	12.34
5. DYFI MAIN	813103	758071	12m 30s	12.58
6. HAFREN 2	135/873849	873904	22m 30s	14.44
7. MYHERIN 2	779755	769786	11m 30s	16.35

<u>SERVICE AREA</u>	<u>MAP REF</u>	<u>STD TIME</u>
STAR INN, DYLFIFE	From 135/860940 to 870939½	10.00 and 13.30

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 in 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 !



NB There will always be a confirmatory arrow not more than 25 yards after every junction on the correct road. Similarly, there will always be a No Entry sign not more than 25 yards after every junction on the incorrect roads.

ROUTE DEFINED BY MAP REFERENCES


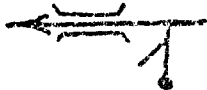







CONTROL	MAP REF	APP	DEP	INFORMATION	STD TIME
START (MC1)	135/587813		NW	Park Av. Aberystwyth	08.00
VIA	775750		NE		
STAGE 1 TC 1 Finish	779755 769786	SW	NE	Myherin 1 Target time 11 min 30 sec	08.30
				Care for 1 mile from finish to Main road, esp. in farm yard. Care at junction with Main road	
STAGE 2 TC 2 Finish	873849 873904	E	WNW	Hafren 1 Target time 18 min	09.30
Service Area	870940 860940	E		Telephone No. Llanbrynmair 232 Park off the road Refreshments at the Star Inn	10.00
				Care between Dylife and Machynlleth - service vehicles approaching !	
HALFWAY 'IN' (MC2)	748008	W		Municipal Car Park Plan at rear of Road Book. Hand in Time card	11.00
HALFWAY 'OUT' (MC3)	747008	W		Wynnstay Arms Hotel	12.00
STAGE 3 TC 3 Finish	748045 124/749058	S	E	Pantperthog Target time 8 min 30 sec	12.06
STAGE 4 TC 4 Finish	796111 810107	SW	SE	Dyfi Gartheiniog Target time 10 min 30 sec	12.34
				Follow arrows to Stage 5	
STAGE 5 TC 5 Finish	813103 758071	NE	S	Dyfi Main Target time 12 min 30 sec	12.58
VIA	755060	NNE	SE	Care ! 2 way Rally traffic	

CONTROL	MAP REF	APP	DEP	INFORMATION	STD TIME
VIA	135/751023	N	NE		
	790035 to 800042			Beware of cows. Max. speed 30 mph. Very angry farmer !	
PASSAGE CONTROL	808044	W		Hand in Time Card	
VIA	883938	N		Turn right for Service Area at Dylife	
VIA	136/908846	NE			
STAGE 6 TC 6 Finish	135/873849 873904	E	WNW	Hafren 2 Target time 22 min 30 sec	14.44
VIA	136/932867½		SE	Care in Llanidloes	
VIA	135/756799	NE	S	Care at 755793 Rally cars exit on left	
STAGE 7 TC 7 Finish	135/779755 769786	SW	NE	Myherin 2 Target time 11 min 30 sec	16.35
				Care for 1 mile to Main road especially in farm yard. Care when joining Main Road Rally traffic approaching from right	
VIA	741770	NE	NW		
FINISH (MC 4)	587813	NW		Park Avenue Aberystwyth Hand in Time Card and Damage Declaration form	17.00

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Road Section From MC 1To TC 1





















inter.	Acc.	Tulip	Info.
	00.00		MC 1. PARK AVENUE CAR PARK ABERYSTWYTH
0.2	0.2		ABERYSTWYTH
0.15	0.35		ABERYSTWYTH
1.2	1.55		S.P. A4120 'DEVILS BRIDGE'
10.25	11.8		S.P. A4120 'PONTERWYD'
0.3	12.1		S.P. B4574 'CWM YSTWYTH'
2.8	14.9		S.P. B4574 'CWM YSTWYTH'
0.2	15.1		ENTER FOREST
0.2	15.3		
0.1	15.4		TC 1 ARRIVAL CONTROL
0.1	15.5		SPECIAL STAGE 1 MYNERIN STAGE START CONTROL

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Stage 1 'MYHERIN 1'

Target Time 11 mins 30 secs






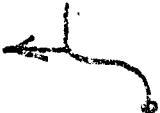



inter.	Acc.	Tulip	Inter.	Acc.	Tulip
	0.0	 STAGE START	0.7	6.5	
0.3	0.3		1.2	7.7	FORD
1.1	1.4		1.0	8.7	
0.3	1.7		0.6	9.3	
0.2	1.9		0.6	9.9	
1.1	3.0		0.5	10.4	
0.8	3.8		0.3	10.7	
0.7	4.5		0.6	11.3	
0.6	5.1		0.2	11.5	 STAGE FINISH
0.1	5.2				
0.3	5.5				
0.3	5.8				

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Road Section From STAGE 1 FINISH

To TC 2




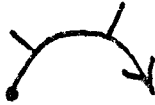












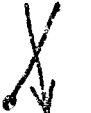


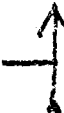




Inter.	Acc.	Tulip	Info.
	0.0		STAGE 1 FINISH CARE - ROUGH FOR 1 MILE DEAD SLOW IN FARM YARD.
1.0	1.0		MAIN ROAD JUNCTION - CARE
0.35	1.35		S.P. B 4343 'DYF'
2.65	3.0		S.P. A 44 'LLANGURIG'
7.5	10.5		CARE - GATED ROAD
3.4	13.9		
2.15	16.05		
0.1	16.15		TC 2. ARRIVAL CONTROL
0.01	16.16		SPECIAL STAGE 2 'HAFREN I.' STAGE START CONTROL

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Stage 2 'HAFREN 1'

Target Time 18 mins 00 secs

inter.	Acc.	Tulip	Inter.	Acc.	Tulip
	0.0	 STAGE START	0.1	3.15	
0.75	0.75		1.2	4.35	
0.1	0.85		0.5	4.85	
0.05	0.9		0.7	5.55	
0.5	1.4		0.05	5.6	
0.4	1.8		0.35	5.95	
0.02	1.82		0.15	6.1	
0.3	2.12		0.09	6.19	
0.4	2.52		0.11	6.3	
0.4	2.92		1.8	8.1	
0.03	2.95		0.25	8.35	
0.1	3.05		0.05	8.4	

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Stage 2 'HAFREN 1' CONT.







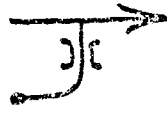


Target Time 18 mins 00 secs

Inter.	Acc.	Tulip	Inter.	Acc.	Tulip
0.2	8.6		0.85	17.75	
0.55	9.15		0.1	17.85	STAGE FINISH
0.75	9.9				
0.4	10.3				
0.1	10.4				
0.1	10.5				
1.0	11.5				
1.1	12.6				
1.4	14.0				
1.05	15.05				
1.2	16.25				
0.65	16.9				

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Road Section From STAGE 2 FINISHTo MC 2

Inter.	Acc.	Tulip	Info.
	0.0		STAGE 2 FINISH
0.1	0.1		
1.55	1.65		PETROL (NO 5 STAR)
0.15	1.8		S.P. B4518
0.9	2.7		S.P. 'MACHYNLLETH'
1.4	4.1		SERVICE AREA REFRESHMENTS AT STAR INN
			CARE TO MACHYNLLETH SERVICE VEHICLES APPROACHING
5.45	9.55		
0.05	9.6		
2.85	12.45		S.P. 'MACHYNLLETH'
0.95	13.4		PETROL (5 STAR AVAILABLE)
0.2	13.6		MC 2 MUNICIPAL CAR PARK REFRESHMENTS AT WYNNSTAY ARMS HOTEL. SEE DIAGRAM.

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Road Section From MC 3To TC 3






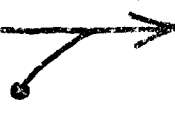






inter.	Acc.	Tulip	Info.
	0.0		MC 3 WYNNSTAY ARMS HOTEL CARE
	0.05		S.P. A487 'DOLGELLAU'
	0.3		PETROL (5 STAR AVAILABLE)
	0.75		S.P. A487 'DOLGELLAU'
	1.3		S.P. A487 'DOLGELLAU' BEWARE - TWO WAY RALLY TRAFFIC
	2.6		ENTER FOREST TC 3 ARRIVAL CONTROL
	2.8		SPECIAL STAGE 3 'PANTPERTHOG' STAGE START CONTROL

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Stage 3 'PANTPERTHOG'

Target Time 8 mins 30 secs










Inter.	Acc.	Tulip	Inter.	Acc.	Tulip
	0.0	 STAGE START			
0.85	0.85				
0.25	1.1				
2.7	3.8				
2.6	6.4				
0.75	7.15				
0.15	7.3				
0.25	7.55				
0.7	8.15				
0.05	8.2				
0.2	8.4				
0.1	8.5	 STAGE FINISH			

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Road Section From STAGE 3 FINISH

To TC 4





















Inter.	Acc.	Tulip	Info.
	0.0		STAGE 3 FINISH CARE — DEAD SLOW TO MAIN ROAD
0.35	0.35		
0.65	1.0		CARE AT MAIN ROAD JUNCTION TWO WAY RALLY TRAFFIC FOR 0.8 MILES
1.7	2.7		S.P. ABERLLEFENNI
1.9	4.6		
0.5	5.1		
0.75	5.85		
0.55	6.4		TC 4 ARRIVAL CONTROL
0.01	6.41		SPECIAL STAGE 4 'DYFI GARTHENIOG' STAGE START CONTROL











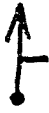











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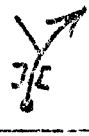



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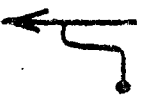







Stage 4 'DYFI GARTHEINIOG'

Target Time 10 mins 30 secs

Inter.	Acc.	Tulip	Inter.	Acc.	Tulip
	0.0	 STAGE START	0.1	5.7	
0.7	0.7		0.65	6.35	
0.05	0.75		0.35	6.7	
0.05	0.8		0.2	6.9	
0.3	1.1		1.75	8.65	
0.85	1.95		0.4	9.05	
0.2	2.15		1.3	10.35	
2.05	4.2		0.15	10.5	 STAGE FINISH
0.15	4.35				FOLLOW ARROWS TO TC 5
0.35	4.7				TC 5 ARRIVAL CONTROL
0.25	4.95		0.4	0.4	 SPECIAL STAGE 'DYFI MAIN' STAGE STAR CONTROL
0.65	5.6	CAUTION			

Inter.	Acc.	Tulip	Inter.	Acc.	Tulip
	0.0	 STAGE START	0.2	8.2	
1.25	1.25		0.5	8.7	
1.05	2.3		0.6	9.3	
0.3	2.6		0.7	10.0	
0.4	3.0		0.8	10.8	
1.45	4.45		0.2	11.0	
0.75	5.2		0.2	11.2	
0.2	5.4		0.2	11.4	
0.25	5.65		0.5	11.9	
0.6	6.25		0.6	12.5	 STAGE FINISH
0.35	6.6				
1.4	8.0				







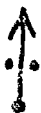

Inter.	Acc.	Tulip	Info.
0.	0.0		STAGE 5 FINISH
0.2	0.2		
0.4	0.6		CARE - MAIN ROAD TWO WAY RALLY TRAFFIC TO TOTAL MILEAGE 1.4
0.8	1.4		
0.75	2.15		
0.25	2.4		CARE - TWO WAY RALLY TRAFFIC TO TOTAL MILEAGE 3.75
1.35	3.75		S.P. 'LLANWRN' CARE AT JUNCTION
0.1	3.85		
2.45	6.3		'LLANWRN' FOR NEXT MILE MAX SPEED 30 M.P.H. PLEASE BEWARE ANGRY FARMER !!
1.35	7.65		
0.25	7.9		PASSAGE CONTROL HAND IN TIME CARD

inter.	Acc.	Tulip	Info.
	0.0		PASSAGE CONTROL
0.45	0.45		S.P. A 489 'LLANGURIG'
0.3	0.75		PETROL (5 STAR AVAILABLE)
0.1	0.85		S.P. A 470 'NEWTOWN'
5.25	6.1		PETROL (NO 5 STAR)
0.2	6.3		S.P. B 4518 'STAYLITTLE'
0.15	6.45		PETROL (5 STAR AVAILABLE)
3.45	9.9		S.P. B 4518 'STAYLITTLE'
0.2	10.1		
2.55	12.65		<u>SERVICE AREA</u> TURN RIGHT FOR SERVICE AREA AT DYLFIE IF REQUIRED
0.9	13.55		S.P. 'LLANWYNYGOG'
1.65	15.2		CARE -- RALLY CARS EMERGING FROM FOREST ON RIGHT.

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Road Section From PASSAGE CONTROL
To TC 6 CONT.

Inter.	Acc.	Tulip	info.
0.82	16.02		S.P. 'LLANIDLOES'
2.3	18.5		
6.3	22.32		
0.25	22.57		
0.2	22.77		
2.15	24.92		
0.1	25.02		TC 6 ARRIVAL CONTROL
0.08	25.1		SPECIAL STAGE 6 'HAFREN 2' STAGE START CONTROL

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Stage **6** 'HAFREN 2'

Target Time ~~22~~ mins ~~30~~ secs

17 00

Inter.	Acc.	Tulip	Inter.	Acc.	Tulip
	0.0	↑ STAGE START	0.1	3.15	↗
0.75	0.75	↗	1.2	4.35	↘
0.1	0.85	↑	0.5	4.85	↘
0.05	0.9	→	0.7	5.55	↘ Start
0.5	1.4	↗	0.05	5.6	↗
0.4	1.8	←	0.25 0.35 0.08	5.45 5.95 6.03	↘ ↘ ↘
0.02	1.82	→	0.10 0.15	5.12 6.1	↗
0.3	2.12	↑	0.09	6.19	↗
0.4	2.52	↘	0.11	6.3	→
0.4	2.92	↗	1.8	8.1	↑
0.03	2.95	↗	0.25	8.35	↑
0.1	3.05	←	0.05	8.4	↙













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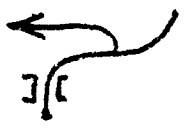





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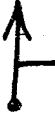












Stage 6 'HAFREN 2' CONT.









Target Time 22 mins 30 secs

Inter.	Acc.	Tulip	Inter.	Acc.	Tulip
0.2	8.6		0.1	14.45	
0.55	9.15		0.1	14.55	
0.75	9.9		2.8	17.25	
0.4	10.3		1.4	18.65	
0.1	10.4		1.05	19.7	
0.1	10.5		1.2	20.9	
0.1	10.5		0.65	21.55	
1.0	11.5		0.85	22.4	
1.1	12.6		0.1	22.5	
0.1	12.7				STAGE FINISH
0.6	13.3				
0.85	14.15				
0.2	14.35				

inter.	Acc.	Tulip	Info.
	0.0		STAGE 6 FINISH
0.2	0.2		CARE - RALLY CARS APPROACHING FROM THE LEFT.
0.62	0.82		S.P. 'CLYWEDOG DAM'
4.63	5.45		CLYWEDOG DAM
0.15	5.6		CLYWEDOG DAM
0.35	5.95		S.P. 'LLANIDLOES'
1.5	7.45		S.P. 'LLANIDLOES'
1.15	8.6		S.P. 'LLANIDLOES'
0.9	9.5		
0.05	9.55		S.P. A470 'LLANGURIG'
0.15	9.7		LLANIDLOES MARKET
0.2	9.9		S.P. A470 'LLANGURIG'

Inter.	Acc.	Tulip	Info.
4.1	14.0		S.P. A470 'LLANGURIG'
1.6	15.6		S.P. A44 'ABERYSTWYTH'
10.55	26.15		S.P. B4343 'DEVILS BRIDGE'
1.75	27.9		GIVE WAY
0.4	28.3		CARE. — RALLY CARS EMERGING FROM STAGE ON LEFT.
1.7	30.0		S.P. B4574 'CWM YSTWYTH'
2.8	32.8		S.P. B4574 'CWM YSTWYTH'
0.2	33.0		ENTER FOREST
0.2	33.2		
0.1	33.3		TC 7 ARRIVAL CONTROL
0.1	33.4		SPECIAL STAGE 7 'MYHERIN 2' STAGE START CONTROL

Inter.	Acc.	Tulip	Inter.	Acc.	Tulip
	0.0	 STAGE START	0.7	6.5	
0.3	0.3		1.2	7.7	FORD
1.1	1.4		1.0	8.7	
0.3	1.7		0.6	9.3	
0.2	1.9		0.6	9.9	
1.1	3.0		0.5	10.4	
0.8	3.8		0.3	10.7	
0.7	4.5		0.6	11.3	
0.6	5.1		0.2	11.5	 STAGE FINISH
0.1	5.2				
0.3	5.5				
0.3	5.8				

Inter.	Acc.	Tulip	info.
	0.0		STAGE 7 FINISH CARE - ROUGH FOR 1 MILE DEAD SLOW IN FARM YARD.
1.0	1.0		MAIN ROAD JUNCTION - CARE RALLY CARS APPROACHING FROM THE RIGHT.
1.7	2.7		S.P. A4120 'ABERYSTWYTH'
.35	3.05		S.P. A4120 'ABERYSTWYTH'
10.55	13.6		S.P. 'ABERYSTWYTH'
1.2	14.8		
0.2	15.0		
0.15	15.15		MC 4 PARK AVENUE CAR PARK ABERYSTWYTH RALLY FINISH.



MACHYNELLETH CONTROL

LUNCH AVAILABLE IN
 WINNISTON ARMS HOTEL

COMPETITORS HELD HERE TO MINIMISE
 CONGESTION IN HOTEL CAR PARK

