

CASTROL NATIONAL RALLY

ROAD BOOK

PAGE No	CONTENTS
1	Procedure at Controls
2	Servicing and Service Areas
3	Stage Arrowing System
4	List of Main Controls, Passage Controls, Special Stages and Service Areas
5,6,7,	Route defined by Map References
8 to 40 incl.	Tulip Road Book incorporating Tulip Diagrams for the Special Stages
41	A Query Slip for use at the Halfway or Finish
42	A page to record your Stage Times

PROCEDURE AT CONTROLS

The procedure at Controls is generally as described in the Regulations and Final Instructions. However, you should note the following -

Time Cards

There are 4 Time Cards -

Time Card 'A' MC1 to MC2 and incorporating Special Stages 1, 2, 3 and Service Area 'A'

Time Card 'B' MC3 to the Passage Control and incorporating Special Stages 4, 5 and 6

Time Card 'C' Passage Control 'A' to Passage Control 'B' and incorporating Special Stages 7, 8 and 9 and Service Area 'B'

Time Card 'D' Passage Control 'B' to MC4 (Finish)

Main Controls

Competitors will depart from MC3 at one minute intervals in order of arrival at MC2. On arrival at MC2, Time Card 'B' will be marked with the Competitors due time of departure from MC3. The minimum time allowed between MC2 and MC3 will be 30 minutes.

SERVICING AND SERVICE AREAS

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. PO Telephone Box at Dylife - number Llanbrynmair 232.

All other roads are out of bounds to Service Vehicles during the period of the rally

The penalty for servicing (for definition see A.S.R.) 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.

SERVICE AREAS

Service Area 'A' Control IN is at M.R. 28702939

Service Area 'A' Control OUT is at M.R. 28602940

Service Area 'B' Control IN and OUT is at M.R. 28702939

NB Servicing is only allowed between 28602940 and 28702939

30 minutes is allowed between Service Area IN and OUT Controls and the time spent in the Service Areas will be marked as a road section.

Please park off the road, on the verges or in the mines area.

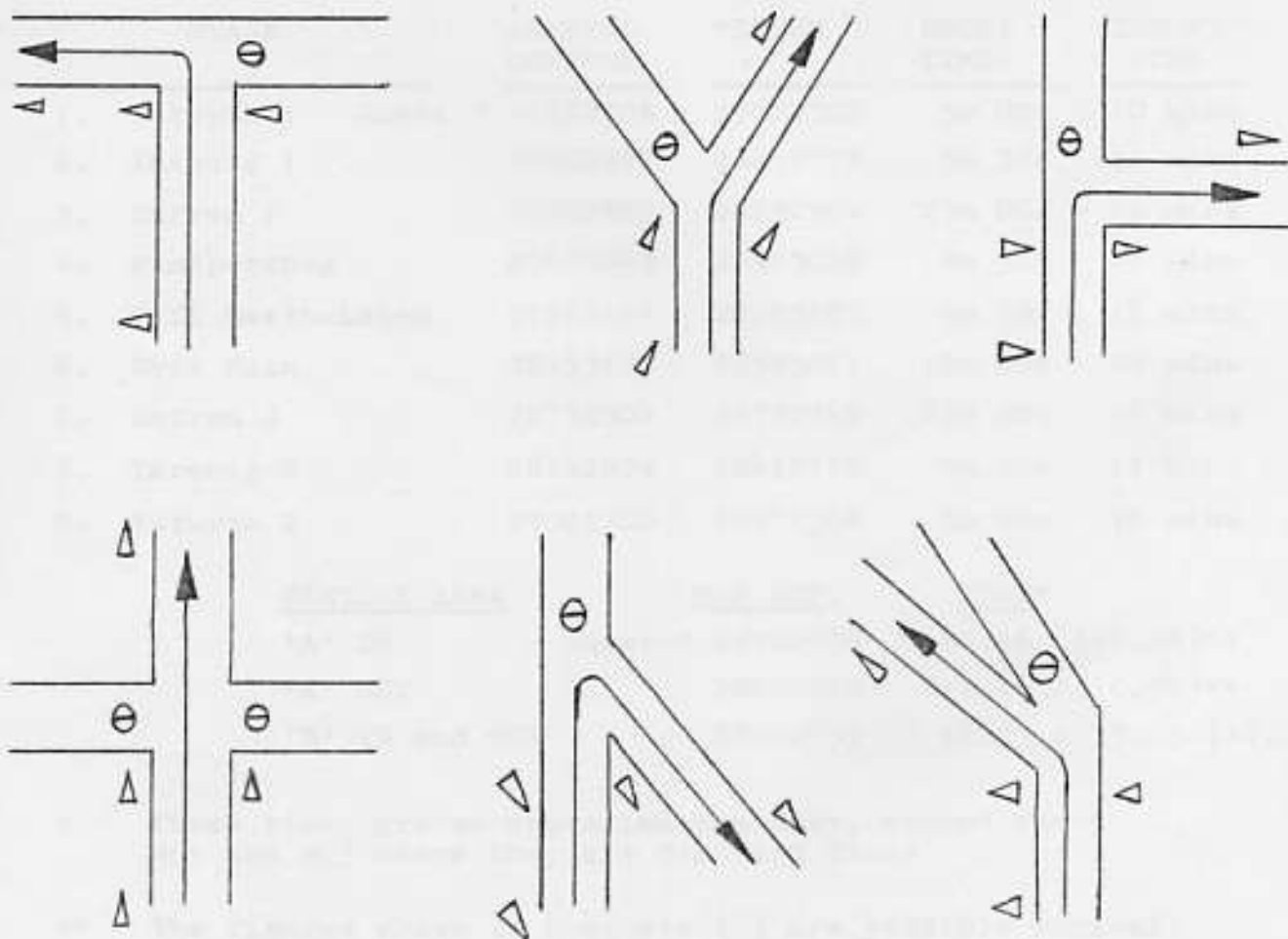
Refreshments are available at the Star Inn.

Please take your litter home with you.

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.

4

4. LIST OF MAIN CONTROLS, PASSAGE CONTROL, SPECIAL STAGES AND SERVICE AREAS

<u>CONTROL</u>	<u>LOCATION</u>	<u>MAP REF.</u>	<u>TIME*</u>
MC1 (Start)	Park Avenue Car Park Aberystwyth	25872813	08.00
MC2 (Halfway IN)	Municipal Car Park Machynlleth	27483008	11.40
MC3 (Halfway OUT)	Wynnstay Arms Hotel Machynlleth	27473008	12.36
Passage Control (A)	Cemmaes Road	28083044	
Passage Control (B)	Forestry Office Llanafan	26842722	
MC4 (Finish)	Park Avenue Car Park Aberystwyth	25872813	18.19

<u>STAGE</u>	<u>ARRIVAL CONTROL</u>	<u>FINISH</u>	<u>BOGEY TIME</u>	<u>TARGET TIME</u>
1. Ystwyth 1 Sheet 7	26872708	27022702	5m 00s	10 mins
2. Tarenig 1	28402824	28412778	5m 30s	11 mins
3. Hafren 1	28732849	28732904	23m 00s	46 mins
4. Pantperthog	27483045	27493058	8m 30s	17 mins
5. Dyfi Gartheiniog	27963111	28103107	8m 30s	17 mins
6. Dyfi Main	28133103	27583071	12m 00s	24 mins
7. Hafren 2	28732904	28732849	23m 00s	46 mins
8. Tarenig 2	28402824	28412778	5m 30s	11 mins
9. Ystwyth 2	27022702	26872708	5m 00s	10 mins

<u>SERVICE AREA</u>	<u>MAP REF.</u>	<u>TIME*</u>
'A' IN Sheet 7	28702939	10.46 (10.24)**
'A' OUT	28602940	11.16 (10.54)**
'B' IN and OUT	28702939	14.55 & 15.25 (14.35)**

* These times are an approximation only, except for MC1 and MC3 where they are Standard Times

** The figures shown in brackets () are possible arrival times based upon expected stage times

ROUTE DEFINED BY MAP REFERENCES

CONTROL	MAP REF.	APP	DEP	INFORMATION	TIME*
START (MC1)	25872813		NW	PARK AVENUE, ABERYSTWYTH	08.00
VIA	26342770		S		
STAGE 1 SSA SSF	26872708 27022702	NNW	ESE	YSTWYTH 1 Bogey time 5 min.	08.22
VIA	27282705	WNW	NNE	FOLLOW ARROWS FROM THE END OF STAGE. REJOIN PUBLIC ROAD AT THIS POINT	
STAGE 2 SSA SSF	28402824 28412778	N	NE	TARENIG 1 Bogey time 5 min. 30 sec	09.09
STAGE 2 'OUT' CONTROL	28432773	N	NE	COMPETITORS SHOULD NOTE THAT THE TIME FOR THE FOLLOWING ROAD SECTION IS FROM THIS CONTROL <u>NOT</u> THE STAGE FINISH	
VIA	28952802	W	NW	FOLLOW ARROWS FROM THE END OF STAGE. REJOIN PUBLIC ROAD (A44) AT THIS POINT	
STAGE 3 SSA SSF	28732849 28732904	E	N	HAFREN 1 Bogey time 23 min. 00 sec	09.50
SERVICE AREA 'A' IN	28702939	E		TEL. NO. LLANBRYNMAIR 232 PARK OFF THE ROAD.	10.51
SERVICE AREA 'A' OUT	28602940		W	REFRESHMENTS AT THE STAR INN	11.21
HALFWAY 'IN' (MC2)	27483008	W		MUNICIPAL CAR PARK (SEE PLAN IN ROAD BOOK) HAND IN TIME CARD 'A'	11.40
HALFWAY 'OUT' (MC3)	27473008		W	WYNNSTAY ARMS HOTEL	12.36



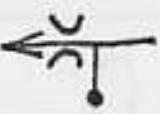

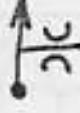


CONTROL	MAP REF.	APP	DEP	INFORMATION	TIME *
STAGE 4 SSA SSF	27483045 27493058	S	E	PANTPERTHOG Bogey time 8 min. 30 sec	12.46
STAGE 5 SSA SSF	27963111 28103107	SW	SE	DYFI GARTHEINIOG Bogey time 8 min. 30 sec	13.23
				FOLLOW ARROWS TO THE NEXT STAGE	
STAGE 6 SSA SSF	28133103 27583071	NE	S	DYFI MAIN Bogey time 12 min. 00 sec	13.45
VIA		NNE	SE	CARE ! 2-WAY RALLY TRAFFIC	
VIA		N	NE		
				BEWARE OF COWS. MAXIMUM SPEED 30 MPH. VERY ANGRY FARMER !	
PASSAGE CONTROL (A)	28083044	W		HAND IN TIME CARD 'B'	
SERVICE AREA 'B'	28702939	E		SERVICE TO THE WEST OF THIS	14.59
'IN' AND 'OUT'	28702939		E	POINT. 30 MINUTES FOR SERVICE	15.29
STAGE 7 SSA SSF	28732904 28732849	N	E	HAFREN 2 Bogey time 23 min. 00 sec	15.39
STAGE 8 SSA SSF	28402824 28412778	N	NE	TARENIG 2 Bogey time 5 min. 30 sec	16.56
STAGE 8 'OUT' CONTROL	28432773	N	NE	COMPETITORS SHOULD NOTE THAT THE TIME FOR THE FOLLOWING ROAD SECTION IS FROM THIS CONTROL <u>NOT</u> THE STAGE FINISH	

CONTROL	MAP REF.	APP	DEP	INFORMATION	TIME*
VIA	28952802	W	NW	FOLLOW ARROWS FROM END OF STAGE. REJOIN PUBLIC ROAD (A44) AT THIS POINT	
VIA	27282705	NNE	WNW	LEAVE PUBLIC ROAD AT THIS POINT. FOLLOW ARROWS TO THE START OF THE STAGE	
STAGE 9 SSA SSF	27022702 26872708	ESE	SW	YSTWYTH 2 Bogey time 5 min 00 sec	17.56
PASSAGE CONTROL (B)	26842722	SE	NNW	HAND IN TIME CARD 'C'	
FINISH (MC4)	25872813	NW		HAND IN TIME CARD 'D' ALL COMPETITORS WILL BE REQUIRED TO REMAIN AT THIS CONTROL FOR NOTIFICATION OF POST EVENT SCRUTINEERING	18.19















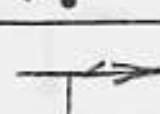


* These times are an approximation only, except for MC1 and MC3 where they are Standard Times.

FROM MC1
 TO SS1 ARRIVAL
 DIST 10.7 miles

	HRS	MINS
START		
TARGET		22
DUE		












INTER.	ACC.	TULIP	INFORMATION
	0.0		MC1 PARK AVENUE CAR PARK, ABERYSTWYTH
0.2	0.2		ABERYSTWYTH
0.15	0.35		ABERYSTWYTH
1.2	1.55		S.P. B4340 TRAWSCOED
6.9	8.45		TRAWSCOED
1.9	10.35		S.P. B4340
0.35	10.70		ARRIVAL CONTROL

STAGE	1		
MILEAGE	5.0	MIN	SEC
BOGEY TIME		5	00
TARGET TIME		10	00










INTER	ACC	TULIP	INTER	ACC	TULIP
	0.0	 START	0.6	3.5	
0.3	0.3		0.1	3.6	
0.4	0.7		0.3	3.9	
0.3	1.0		0.3	4.2	
0.4	1.4		0.8	5.0	 FLYING FINISH
0.2	1.6		0.1	5.1	 STOP
0.2	1.8				
0.2	2.0				
0.6	2.6				
0.1	2.7				
0.2	2.9				

FROM SF1
 TO SS2 ARRIVAL
 DIST 18.4 miles

	HRS	MINS
START		
TARGET		37
DUE		









INTER.	ACC.	TULIP	INFORMATION
	0.0		LEAVE STAGE FINISH
1.65	1.65		
0.15	1.8		
0.7	2.5		'GIVE WAY'
1.25	3.75		S.P. B4343 DEVILS BRIDGE
0.7	4.45		S.P. B4343
2.9	7.35		S.P. B4343
0.15	7.5		S.P. B4343 DEVILS BRIDGE
0.35	7.85		'GIVE WAY' S.P. A4120 PONTERWYD
0.35	8.2		CAUTION ! S.P. A4120 PONTERWYD
2.15	10.35		S.P. B4343 DYFFRYN CASTELL

STAGE No	2		
MILEAGE	5.5	MIN	SEC
BOGEY TIME		5	30
TARGET TIME		11	00












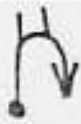






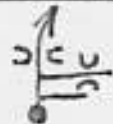


INTER	ACC	TULIP			
	0.0	 START			
0.85	0.85				
0.33	1.18				
0.18	1.36				
1.48	2.84	CAUTION ON CREST			
0.53	3.37				
0.10	3.47				
1.16	4.63				
0.87	5.5	 FLYING FINISH			
0.1	5.6	 STOP			

FROM SF2
 TO SS3 ARRIVAL
 DIST 13.00 miles

	HRS	MINS
START		
TARGET		30
DUE		

INTER.	ACC.	TULIP	INFORMATION
0.0	0.0		LEAVE STAGE FINISH SLOW !
0.3	0.3		! CAUTION THRU FORD
0.0	0.0		STAGE 2 'OUT' CONTROL COLLECT TIME FOR NEXT ROAD SECTION FROM THIS CONTROL. BEWARE ANIMALS SLOW 30 mph
3.6	3.6		
0.4	4.0		! CAUTION MAIN ROAD
2.3	6.3		CARE GATED ROAD
3.4	10.7		
2.2	12.9		
0.1	13.00		ARRIVAL CONTROL












STAGE	3		
DISTANCE	23.23	MIN	SEC
BOGEY TIME		23	00
TARGET TIME		46	00

INTER	ACC	TULIP	INTER	ACC	TULIP
	0.0	 START	0.41	2.81	
0.70	0.70		0.02	2.83	
0.13	0.83		0.09	2.92	
0.05	0.88		0.08	3.00	
0.52	1.40		0.51	3.51	
0.43	1.83		0.58	4.09	
0.03	1.86		0.56	4.65	
0.03	1.89		0.03	4.68	
0.25	2.14	CAUTION ! LEFT EDGE OF ROAD WASHED AWAY	0.03	4.71	
0.08	2.22		0.73	5.44	
0.18	2.40		0.11	5.55	

STAGE 3 Cont...

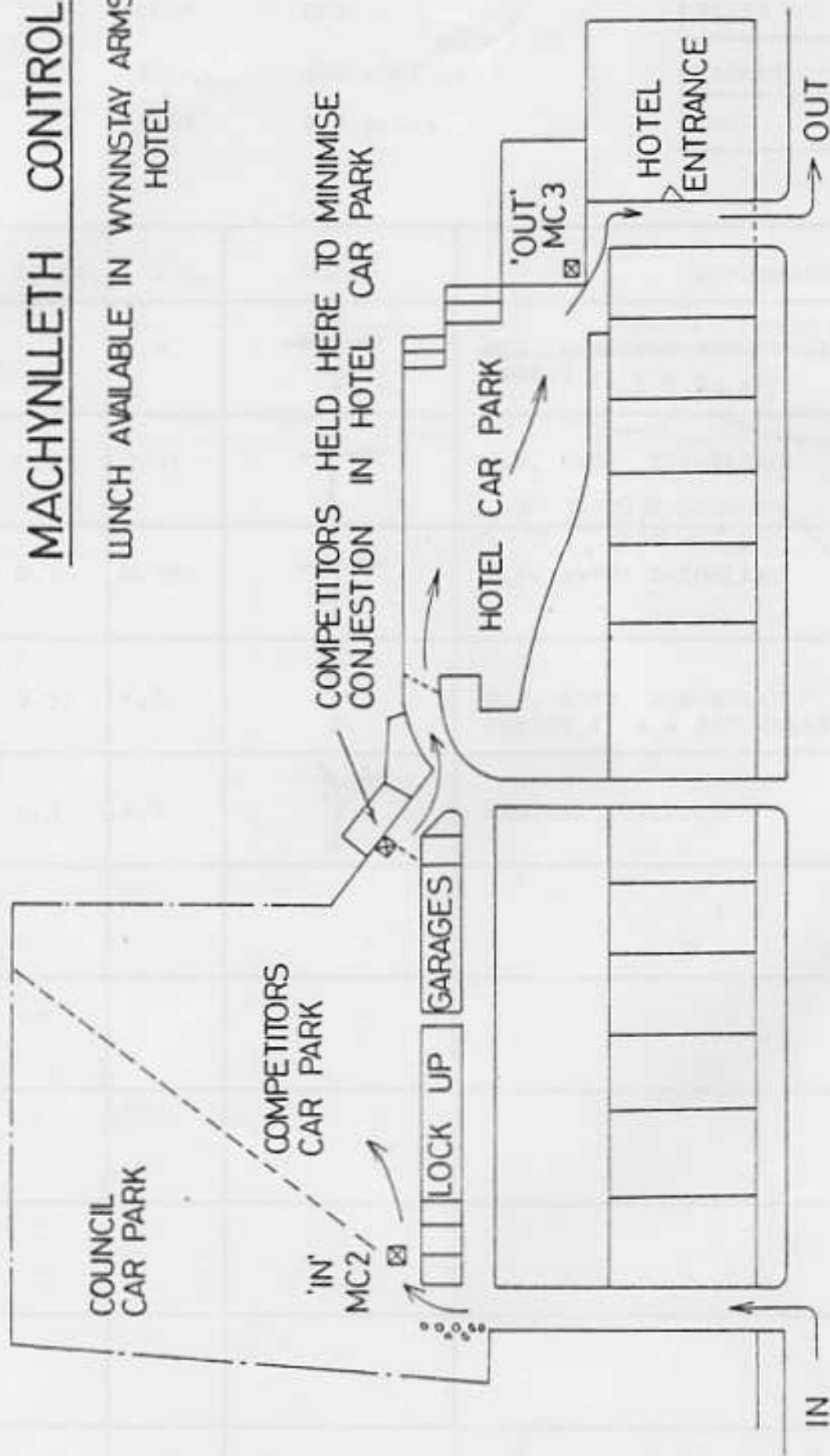
INTER	ACC	TULIP	INTER	ACC	TULIP
0.33	5.88		0.37	11.10	
0.11	5.99		0.11	11.21	
0.08	6.07		0.13	11.34	
0.09	6.16		1.03	12.37	
1.95	8.11		1.14	13.51	
0.65	8.76		0.09	13.60	
0.33	9.09		0.58	14.18	
0.05	9.14		0.52	14.70	
0.21	9.35		0.37	15.07	
0.61	9.96		0.24	15.31	
0.77	10.73		0.14	15.45	

STAGE 3 Cont...
















INTER	ACC	TULIP			
0.25	15.70				
0.54	16.24				
1.96	18.20				
1.40	19.60				
1.10	20.70				
1.10	21.80				
0.22	22.02	 CAUTION FIRE BREAK			
0.32	22.34				
0.30	22.64	CAUTION FIRE BREAK 			
0.59	23.23	 FLYING FINISH			
0.10	23.33	 STOP			

MACHYNLLETH CONTROL

LUNCH AVAILABLE IN WYNNSTAY ARMS
HOTEL





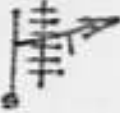




STAGE	4		
MILEAGE	8.3	MIN	SEC
BOGEY TIME		8	30
TARGET TIME		17	00



















INTER	ACC	TULIP	INTER	ACC	TULIP
	0.0	 START	0.17	7.78	
0.13	0.13		0.46	8.24	
0.80	0.93		0.06	8.30	 FLYING FINISH
0.22	1.15		0.1	8.4	 STOP
0.95	2.10				
0.89	2.99				
3.02	6.01				
0.69	6.70				
0.18	6.88				
0.21	7.09				
0.52	7.61				

FROM SF4
 TO SS5 ARRIVAL
 DIST 5.9 miles





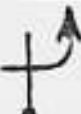

















	HRS	MINS
START		
TARGET		20
DUE		

INTER.	ACC.	TULIP	INFORMATION
	0.0		LEAVE STAGE FINISH CARE ! VERY SLOW TO MAIN ROAD
0.35	0.35		
0.65	1.0		CARE ! AT MAIN ROAD JUNCTION 2 - 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		ARRIVAL CONTROL





STAGE	5		
MILEAGE	8.19	MIN	SEC
BOGEY TIME		8	30
TARGET TIME		17	00

INTER	ACC	TULIP	INTER	ACC	TULIP
	0.0	 START	0.53	4.27	
0.5	0.5		0.27	4.54	
0.74	1.24		0.21	4.75	
0.10	1.34		1.55	6.30	
0.2	1.54		0.40	6.70	
0.85	2.39		1.44	8.14	
0.15	2.54		0.05	8.19	 FLYING FINISH
0.29	2.83		0.10	8.29	 STOP
0.23	3.06				
0.58	3.64	CAUTION !			
0.10	3.74				

STAGE	6		
MILEAGE	12.00	MIN	SEC
BOGEY TIME		12	00
TARGET TIME		24	00

INTER	ACC	TULIP	INTER	ACC	TULIP
	0.0	 START	0.35	6.47	
1.16	1.16		0.24	6.71	 CAUTION FIREBREAK
1.08	2.24		1.09	7.80	
0.31	2.55		0.24	8.04	
0.32	2.87		0.24	8.28	
1.48	4.35		0.22	8.50	
0.74	5.09		0.6	9.10	
0.12	5.21		0.72	9.82	
0.33	5.54		0.73	10.55	
0.35	5.89		0.2	10.75	
0.21	6.12		0.11	10.86	

STAGE 6 CONT ...



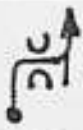





INTER	ACC	TULIP			
0.2	11.06				
0.45	11.51				
0.45	12.00	 FLYING FINISH			
0.1	12.01	 STOP			

FROM SF6
 TO SERVICE 'B' IN
 DIST 21.25 miles




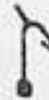







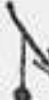










	HRS	MINS
START		
TARGET		50
DUE		

INTER.	ACC.	TULIP	INFORMATION
	0.0		LEAVE STAGE FINISH
0.2	0.2		REJOIN PUBLIC ROAD
0.4	0.6		CARE ! MAIN ROAD 2 - WAY RALLY TRAFFIC TO MILEAGE 1.4
0.8	1.4		
0.75	2.15		
0.25	2.4		CARE ! 2 - WAY RALLY TRAFFIC TO MILEAGE 3.75
1.35	3.75		S.P. LLANWRN CARE AT JUNCTION
0.1	3.85		
2.45	6.3		LLANWRN 30 mph MAXIMUM PLEASE ANTI-RALLY LOCALS
1.35	7.65		
0.25	7.9		PASSAGE CONTROL HAND IN TIME CARD
















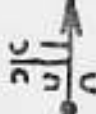





CONTINUATION FROM SF6 TO SERVICE 'B' IN

INTER	ACC.	TULIP	INFORMATION
0.45	8.35		S.P. A489 LLANGURIG
0.4	8.75		S.P. A470 NEWTOWN
5.0	13.75		
0.3	14.05		LLANBRYNMAIR S.P. B4518 STAYLITTLE
1.6	15.65		LLAN SLOW IN VILLAGE
2.1	17.75		CARE ! NARROW BRIDGE S.P. STAYLITTLE 4
2.8	20.55		S.P. MACHYNLETH
0.7	21.25		SERVICE AREA 'B' IN

STAGE	7		
DISTANCE	23.23	MIN	SEC
BOGEY TIME		23	00
TARGET TIME		46	00

INTER	ACC	TULIP	INTER	ACC	TULIP
	0.0	 START	0.89	9.15	
0.10	0.10		0.58	9.73	
0.89	0.99		0.09	9.82	
0.54	1.53		1.14	10.96	
1.10	2.63		1.03	11.99	
1.10	3.73		0.13	12.12	
1.40	5.13		0.11	12.23	
2.50	7.63		0.37	12.60	
0.25	7.88		0.77	13.37	
0.14	8.02		0.61	13.98	
0.24	8.26		0.21	14.19	










STAGE 7 Cont....

INTER	ACC	TULIP	INTER	ACC	TULIP
0.05	14.24		0.03	18.68	
0.33	14.57		0.56	19.24	
0.65	15.22		1.09	20.33	
1.95	17.17		0.08	20.41	
0.09	17.26		0.11	20.52	
0.08	17.34		0.41	20.93	
0.11	17.45		0.26	21.19	CAUTION RIGHT EDGE OF ROAD WASHED AWAY .
0.33	17.78		0.28	21.47	
0.11	17.89		0.03	21.50	
0.73	18.62		0.43	21.93	
0.03	18.65		0.52	22.45	

STAGE 7 Cont...









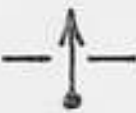
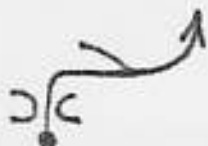
INTER	ACC	TULIP			
0.05	22.50	↑			
0.13	22.63	↑			
0.60	23.23	↑ FLYING FINISH			
0.1	23.33	↑ STOP			

STAGE No.	8		
MILEAGE	5.5	MIN	SEC
BOGEY TIME		5	30
TARGET TIME		11	00



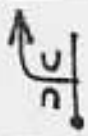





INTER	ACC	TULIP			
	0.0	 START			
0.85	0.85				
0.33	1.18				
0.18	1.36				
1.48	2.84	CAUTION ON CREST			
0.53	3.37				
0.10	3.47				
1.16	4.63				
0.87	5.5	 FLYING FINISH			
0.1	5.6	 STOP			

FROM SF8
 TO SS9 ARRIVAL
 DIST 24.7 miles




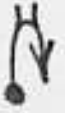












	HRS	MINS
START		
TARGET		50
DUE		

INTER.	ACC.	TULIP	INFORMATION
	0.0		LEAVE STAGE FINISH
0.3	0.3		! CAUTION THRU FORD
0.0	0.0		STAGE 8 'OUT' CONTROL COLLECT TIME FOR NEXT ROAD SECTION FROM THIS CONTROL. BEWARE ANIMALS 30 mph MAX.
3.6	3.6		
0.4	4.0		! CAUTION MAIN ROAD
2.3	6.3		! CAUTION RALLY TRAFFIC EXITING FROM RIGHT
0.15	6.45		EXTREME CAUTION RALLY TRAFFIC TURNING
6.1	12.55		S.P. B4343 DEVILS BRIDGE
1.8	14.35		'GIVE WAY'
1.85	16.2		S.P. DEVILS BRIDGE
0.3	16.5		S.P. A4120 ABERYSTWYTH

CONTINUATION FROM SF8 TO SS9 ARRIVAL











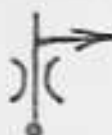
INTER.	ACC.	TULIP	INFORMATION
0.35	16.85		S.P. B4343 PONTRHYDYGROES
3.4	20.25		S.P. B4343 PONTRHYDYGROES
0.7	20.95		S.P. B4343 PONTRHYDFENDIGAID
0.3	21.25		S.P. B4343
0.95	22.2		S.P. YSTRAD MEURIG
0.7	22.9		
0.15	23.05		
1.65	24.7		ARRIVAL CONTROL

STAGE	9		
MILEAGE	5.0	MIN	SEC
BOGEY TIME		5	00
TARGET TIME		10	00

INTER	ACC	TULIP	INTER	ACC	TULIP
	0.0	 START	0.4	4.1	
0.85	0.85		0.2	4.3	
0.6	1.45		0.5	4.8	
0.1	1.55		0.2	5.0	 FLYING FINISH
0.65	2.2		0.1	5.1	 STOP
0.2	2.4				
0.1	2.5				
0.6	3.1				
0.2	3.3				
0.2	3.5				
0.2	3.7				

FROM SP9
 TO MC4 FINISH
 DIST 11.6 miles

	HRS	MINS
START		
TARGET		23
DUE		

INTER.	ACC.	TULIP	INFORMATION
0.0	0.0		LEAVE STAGE FINISH
0.35	0.35		S.P. B4340 ABERYSTWYTH
0.2	0.55		S.P. LLANAFAN
0.3	0.85		
0.05	0.9		FORESTRY COMMISSION OFFICE PASSAGE CONTROL 'B' HAND IN TIME CARD
0.05	0.95		
0.05	1.0		
0.65	1.65		
0.5	2.15		TRAWSCOED
6.9	10.05		S.P. ABERYSTWYTH
1.2	11.25		ABERYSTWYTH

