

PEMBREY

1989 Racing



BRSCC "WELCOME TO PEMBREY" CHAMPIONSHIP RACEDAY

SUNDAY, 11TH JUNE

ORGANISED BY THE BRITISH RACING & SPORTS CAR CLUB

OFFICIAL PROGRAMME £1.00





PEMBREY SUNDAY, 11th JUNE 1989

PROGRAMME OF EVENTS

The promoters reserve the right to amend or cancel the programme or any part of it without prior notice or refund.

LUNCH RACING	13.00-14.00	EVENT 1	BRSCC SUPER ROAD SALOON CAR CHAMPIONSHIP RACE Classes B & C) 10 Laps
	14.00		
	14.30	EVENT 2	PORSCHE CLUB GB START UP SERIES RACE 10 Laps
	15.00	EVENT 3	BRSCC TOYOTA FORMULA THREE RACE 12 Laps
	15.30	EVENT 4	FORD CREDIT FIESTA CHAMPIONSHIP RACE 15 Laps
	16.00	EVENT 5	DESIGN FIREPLACE SINGLE SEATER CHAMPIONSHIP (For Libre Cars)/ Q.E.D. HISTORIC F3 RACE 10 Laps
	16.30	EVENT 6	BRSCC SUPER ROAD SALOON CAR CHAMPIONSHIP RACE (Classes A & D) 10 Laps

This meeting is promoted by the British Automobile Racing Club and organised by the British Racing & Sports Car Club and held under the General Regulations of the RAC Motor Sports Association Ltd. (Incorporating the provisions of the International Sporting Code of the FIA) and the Supplementary Regulations.

RACMSA Permit No:- 16062.

Eligibility may be checked by a member or members of the Technical Commission listed:- D.P. ELSMORE, R. FEWKES, R.T. FORD, M.E. GARTON, J.M. HARRIS, P. HARRIS, B.L. MORRIS, R.A. MCKINSTRY, A.J. PARSFIELD, P.C. RICHES, D. RUSSELL, P.J.R. SMYTHE (TRUCKS), S. VINCENT, G.M. WOOD.

These Technical Commissioners will be considered to be 'JUDGES OF FACT' within the regulations laid down.

OFFICIALS OF THE MEETING

RAC Steward
H. M. Kent

Club Stewards
R. Jones
R. Hancock

Race Director
H. T. Strawford

Clerk of Course
J. Porter

Deputy Clerk of Course
A. Fawdington

Secretary of the Meeting
Mrs. P. Strawford

Judges
R. Newman
K. Buckle

Chief Marshal
A. Fawdington

Chief Scrutineer
T. Nichols

Chief Medical Officer
Dr. P. Baskett

Chief Timekeeper
R. Summerfield

Chief Startline
Mrs N. Fawdington

Rescue Vehicle Chief
V. Lynch

Chief Paddock
P. Sandford

Commentator
R. Davies

Race Administrator
C. Woodward

Breakdowns
T & L Autos

Medical Services
St. John Ambulance

Starter
A. Fawdington

Course Cars
Grayshott Motors
Race Course Garage

MOTOR RACING IS DANGEROUS AND PERSONS
ATTENDING THE MEETING DO SO AT THEIR OWN RISK



ANIMALS ARE NOT ADMITTED
Under no circumstances whatsoever will any animals be admitted to Pembrey whether in vehicles or not. The organiser's prime consideration must be the safety of competitors and anyone found attempting to bring an animal into the Circuit or with any animal at the Circuit will be asked to remove both animal and themselves from the Meeting.

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This meeting is promoted by the **BRITISH AUTOMOBILE RACING CLUB** and organised by the **BRITISH RACING AND SPORTS CAR CLUB** on behalf of **LLANELLI BOROUGH COUNCIL**.

Pembrey Circuit
0264 772607/772696/772697

Cover Photo: Classic Saloon Car Club competitors in action.



BRSCC SUPER ROAD SALOON CAR CHAMPIONSHIP RACE (CLASSES B & C)

This is the sixth round of the 1989 BRSCC Super Road Saloon Car Championship.

EVENT 1:10 LAPS

GRID

ENTRIES

No.	Driver/Entrant	Town	Car	Engine	cc
Class B: 1801-2300cc					
34	Kevin Farrington	Nantwich	Vauxhall Chevette 2300	Vauxhall	2279
36	Paul Flanders	Ickley	Talbot Sunbeam	Lotus	2200
44	Graham Millward	Leicester	Sunbeam Lotus	Jon Fin Lotus	2200
47	Eddie Fisher	Swindon	VW Golf GTi	GTi Engineering	2000
48	Tony King	Dover	Vauxhall Chevette MS	Vauxhall/Johnstone	2300
49	RAF Motor Sports Assoc Steve Savage	Bury St. Edmunds	Dolomite Sprint	Triumph	1998

Class C: 1301-1800cc					
55	Chris Kingwell	Chertsey	Ford Escort XR3	Fotf BD Motorsport	1587
57	Vince Mitchell	Leicester	Talbot Sunbeam	Skip Brown Cars	1700
74	Peter Edwards	Birmingham	Ford Fiesta XR2	Ford	1600
79	Brenton West	Highworth	Ford Fiesta XR2	Ford	1600
84	Steve Wild	Stoke on Trent	Ford Escort	Powerdesign	1600

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Positions after Cadwell Park May 21 fourth round but before Oulton Park June 3 fifth round:

Class B:		
1	Graham Millward	32
2	Danny Bellamy	29
3	Tony King	25

Class C:		
1	Peter Edwards	86
2	Vince Mitchell	79
3	David Pearson	63

Next round Snetterton July 2.

Class A:			Class B:			
1.....2.....3.....	1.....	1.....	1.....	1.....	1.....	
4.....5.....6.....	2.....	2.....	2.....	2.....	2.....	
Winner's Time.....m.....s.....mph	3.....	3.....	3.....	3.....	3.....	
Lap Records:	Fastest Lap: Car No		Fastest Lap: Car No		Fastest Lap: Car No	
All classes to be established	m.....s.....mph		m.....s.....mph		m.....s.....mph	



BRSCC SUPER ROAD SALOON CAR CHAMPIONSHIP RACE (CLASSES A & D)

This is the sixth round of the 1989 BRSCC Super Road Saloon Car Championship.

EVENT 6:10 LAPS

GRID

ENTRIES

No.	Driver/Entrant	Town	Car	Engine	cc
Class A: 2301-4000cc					
1	David Thomas	Lancing	Ford Capri 300S	Ashington	3100
2	Martin West	Worthing	Ford Capri 3.0S	Marc Tait	3000
3	Andrew MacKenzie	Brighton	Ford Sierra XR4i	Swaymar	3200
4	Lynda Stimson	Spalding	Colt Lancer Turbo	Colt	2000
6	Tony Herbert	Redhill	Ford Capri	Colt	2800
9	Ray West	Andover	Opel Ascona	West Opel	2400
11	Peter Kitchen	High Wycombe	Rover Vitesse SDi	Rover	3900
12	Alan Roper	Claygate	Rover SDiV8	Rovercraft	3900
16	Dave Stimson	Spalding	Colt Lancer	Colt	2000
17	Jeff Robinson	Spalding	Colt Lancer Turbo	Colt	2000
21	Michael Seaman	Norwich	Talbot	Sunbeam Lotus	2380
22	Simon White	Reading	Datsun 240GT	Nissan	2900
41	Mark Humphrey	Maidenhead	Rover SDi	Rover	3500
45	Mostyn Rutter	Hereford	Vauxhall Firenza Droopsnoot	Vauxhall	2600

Class D: Up to 1300cc					
95	Jason Dickens	Wormhill	MG Metro	MG	1295
98	Jim Dixon	Wigston Magna	Ford Escort MkII	X/Flow Jones	1300

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Positions after Cadwell Park May 21 fourth round but before Oulton Park June 3 fifth round:

Class A:		
1	Ray West	96
2	David Thomas	81
3	David Tetley	76

Class D:		
1	Jason Dickens	45
2	Jim Dixon	30

Next round Snetterton July 2.

			Class A:			Class B:		
1.....	2.....	3.....	1.....			1.....		
4.....	5.....	6.....	2.....			2.....		
Winner's Time.....m.....s.....mph			3.....			3.....		
Lap Records:			Fastest Lap: Car No			Fastest Lap: Car No		
All classes to be established			m.....s.....mph			m.....s.....mph		



PORSCHE CLUB GB START-UP SERIES RACE

EVENT 2:10 LAPS

GRID

ENTRIES

No.	Driver/Entrant	Town	Car	Engine	cc
Class A: (Exceeding 208bhp)					
2	David Perry	Warrington	Porsche 930	Porsche	3300
4	A. B. Medicks	Tollesbury	Porsche 911 Carrera Targa	Porsche	3200
5	Tom Segrue	Ruislip	Porsche	Porsche	2500
6	Nigel Mills	Biggleswade	Porsche Carrera	Porsche	3164
7	Ian Lawton	London	Porsche Carrera	CS Engineering	2700
9	David Gilbert	Woking	Porsche 911 Carrera	Porsche	3164
14	Peter Goring	London	Porsche 911 Carrera	Porsche	2700
15	Georgios Gritraomiti	Tayhill	Porsche	Porsche	3000
110	Colin Williams	Cardiff	Porsche 911S	Porsche	2630
Class B: (181-207bhp)					
101	Michael McLoughlin	Dublin	Porsche 911 Carrera 3	Porsche	2994
104	Hugh Price	Kingwood Surrey	Porsche 911SC	Eurotech	3000
109	David Butterill	Leeds	Porsche Carrera 3	Porsche	2994
111	Nick Prowse	Brize Norton	Porsche Carrera	Bob Watson	3000
Class C: (141-180bhp)					
201	G. Siddons	Woodmansterne	Porsche 911SC	Porsche	3000
204	Chris Heeley	Leeds	Porsche 911SC	Porsche	3000
Class D: (Not exceeding 140bhp)					
106	Dorothy Maserati	Pinner	Porsche 911S	Porsche	2400
301	Robert Chapman	Bath	Porsche 356A	Porsche	1582
304	Ross Cunliffe	Berkhamsted	Porsche 924	Ronocco Porsche	1582

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LAP CHART

POS	1	2	3	4	5	6	7	8	9	10
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10										

Lap Records:

All classes to be established

RESULTS

1.....	Winner's Time.....m.....s.....mph
2.....	3.....
Class A:	
1.....	1.....
2.....	2.....
3.....	3.....
Fastest Lap: Car No.....	Fastest Lap: Car No.....
in.....m.....s.....mph	in.....m.....s.....mph
Class B:	
1.....	1.....
2.....	2.....
3.....	3.....
Fastest Lap: Car No.....	Fastest Lap: Car No.....
in.....m.....s.....mph	in.....m.....s.....mph
Class C:	
1.....	1.....
2.....	2.....
3.....	3.....
Fastest Lap: Car No.....	Fastest Lap: Car No.....
in.....m.....s.....mph	in.....m.....s.....mph
Class D:	
1.....	1.....
2.....	2.....
3.....	3.....
Fastest Lap: Car No.....	Fastest Lap: Car No.....
in.....m.....s.....mph	in.....m.....s.....mph

Programme and Copyright

The promoters reserve the right to amend or cancel the programme without notice or refund. All literary matter in this programme, including the list of competitors and their racing numbers, is copyright, and any person found making illegal use thereof will be prosecuted. Although every endeavour is made to avoid inaccuracies in the description of competing cars, the Club accepts no responsibility for any that may occur. It is a condition of admission to these premises that photography, cine-film, video film, sound or any other visual or any part or parts of them for any (non-private) use including making copies of the recording/reproduction causing or permitting it to be seen or heard in public, broadcasting, diffusing, selling, renting, exchanging, lending, using for gain or otherwise dealing with it in whole or in part is strictly prohibited. Furthermore, Pembrey and the British Racing & Sports Car Club reserve the right to confiscate and retain possession of any photographs or films made in breach of this condition and without their express consent in writing.



BRSCC TOYOTA FORMULA THREE CHAMPIONSHIP RACE

This is the sixth round of the 1989 BRSCC Toyota Formula Three Championship.

EVENT 3:12 LAPS

GRID

ENTRIES

No.	Driver/Entrant	Town	Car	Engine	cc
2	Vinyl Signs Racing				
	Robert Moores	Bolton	Chevron B38	Toyota	2000
3	Maidenhead Toyota Centre				
	Mark Bailey	Maidenhead	March 803	NES	2000
5	Paul Tickner	Godalming	Argo JM3	Tickner	2000
6	Martin Walford	Chaddesley Corbett	March 793	Novamotor NES	2000
8	Alastair Ferguson	Bicester	Chevron B34	Toyota	2000
11	Team Toomey's				
	Paul Quinn	Farnham	Chevron B43	Toyota NES	2000
15	Bernie Toleman	Stroud	Chevron B47	Toyota	2000
18	Vehicle Registrations Ltd				
	Laurence Rose	Northwich	March 793	Vin Malkie	2000
20	John Davies	Porthcawl	March 773	Toyota Novamotor	2000
23	High Mellor	Hitchin	Chevron B38	Toyota	2000
27	Bryan Mullarkey	Tarporley	Chevron B34	Novamotor	2000
28	Duncan Bain	Soulbury	Argo JM6	NES	2000
32	Ian Fernihough	Ashbourne	Ralt RTi	Toyota	2000
33	Chris Knapman	Radlett	Safir RJ03	Toyota	2000
37	Reg James	Bookham	Ralt RT1	Toyota	2000
41	Environmental Buildings Maintenance				
	Justin Boyce	Lymm	Argo JM3	Toyota	2000
625	Kelvin Foy	Leyton Buzzard	Chevron V38	NES	2000

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LAP CHART

POS	1	2	3	4	5	6	7	8	9	10	11	12
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10												

RESULTS

1..... Winner's Time.....m.....s.....mph

2..... 3.....

4..... 5.....

6..... Fastest Lap: Car No.....

in.....m.....s

Lap Record:

To be established

.....mph

Positions after Round 5:

1	Mark Bailey	48	6	Alastair Ferguson	25
2	Paul Tickner	35	7	Martin Walford	18
3	Rob Moores	28	8	Rodney Jackson	16
4	Bob Berridge	27	9	Tony Broster	15
5	Paul Quinn	26	10	Kelvin Foy	13

Flag Signals

Blue/Steady: Another competitor is close **Waved:** Another competitor is trying to pass.

White: Service vehicle or very slow car on circuit.

Yellow/Steady: Danger ahead, no overtaking, slow down.

Yellow/Waved: Great danger ahead, no overtaking, slow down, be prepared to stop.

Yellow with Red Stripes: Slippery surface ahead.

Green: Proceed, hazard indicated has been cleared.

Red: Stop racing, proceed slowly to pits or startline as instructed by marshals.

Black (at individual marshal's posts): Race stopped.

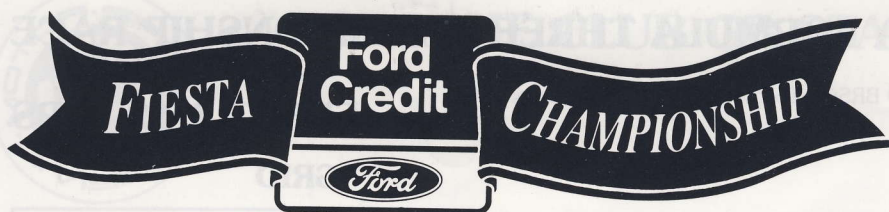
Black/Orange Disc displayed with White number: Warning of mechanical failure which might not be obvious to driver, call into pits immediately.

Black/White rectangular with White number: Warning to driver that his behaviour (i.e. corner cutting) is suspect and he may be black flagged.

Black display with White number: Driver must call in immediately and report to the Clerk of the Course.

Black/White Chequered: End of race.

Races are started using a system of red/green traffic lights.



RACE

EVENT 4:15 LAPS

GRID

This is the sixth round of the 1989 Ford Credit Fiesta Championship for Ford Fiesta XR2i saloon cars.

ENTRIES

No.	Driver/Entrant	Town	Car	Engine	cc
1	Premium Sound James Kaye	Harrogate	Ford Fiesta XR2i	Ford	1600
2	Horn Castle Garage, Reading Ian Briggs	Reading	Ford Fiesta XR2i	Ford	1600
4	Brian Farminer	Gosport	Ford Fiesta XR2i	Ford	1600
5	Greenery Ltd Hampton Michael Ireland	Hampton Middx	Ford Fiesta XR2i	Ford	1600
6	Keith Chapman	Mundon	Ford Fiesta XR2i	Ford	1600
8	Rimstock Matthew Neal	Littleborough	Ford Fiesta XR2i	Ford	1600
9	Simon Goodliff	Littleborough	Ford Fiesta XR2i	Ford	1600
10	Goodliff Racing Norman Grimshaw	Poynton	Ford Fiesta XR2i	Ford	1600
11	Jim Smith	Telford	Ford Fiesta XR2i	Ford	1600
12	Mark Lemmer	Esher	Ford Fiesta XR2i	Ford	1600
14	Ray Tunney	London	Ford Fiesta XR2i	Ford	1600
15	Longline Ltd Paul Tarry	Burgess Hill	Ford Fiesta XR2i	Ford	1600
17	MGS Communications/Europa Group Ltd Paul J. Burke	Wilmslow	Ford Fiesta XR2i	Ford	1600
20	Y & P Racing Colin Stancombe	Bulphan	Ford Fiesta XR2i	Ford	1600
21	Stancombe Vehicle Engineering Kevin Melnyk	Windlesham	Ford Fiesta XR2i	Ford	1600
22	Stancombe Vehicle Engineering Peter Copus	Cobham	Ford Fiesta XR2i	Ford	1600
23	Bishops of Bromyard John Bishop	Bromyard	Ford Fiesta XR2i	Ford	1600
25	Tim Norton of Oakham Allen Thwaites	Oakham in Rutland	Ford Fiesta XR2i	Ford	1600
26	P. J. Nicholls Ford Dealers Ltd Robin Parsons	Wragby	Ford Fiesta XR2i	Ford	1600
27	Webster & Lancaster Scott Redding	Ruislip	Ford Fiesta XR2i	Ford	1600

LAP CHART

POS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
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RESULTS

1..... Winner's Time.....m.....s.....mph
 2..... 3.....
 4..... 5.....
 6..... Fastest Lap: Car No.....
 in.....m.....s
mph

Lap Record:
To be established

CHAMPIONSHIP INFORMATION

FORD CREDIT FIESTA CHAMPIONSHIP

Britain's longest running one-make motor racing series, the 16-round Ford Credit Fiesta Championship, for Fiesta XR2i saloons, enters its tenth season in 1989, the seventh year with backing from Ford Credit, Ford's finance company providing financial services to Ford dealers.

Awards at each round: 1st £100, 2nd £75, 3rd £50, Pole Position - Radio/Cassette System plus vehicle installation from Ford audio division, Premium Sound 2000. At end of season: Overall winner - new Fiesta Saloon, 2nd £1,000, 3rd £750, 4th £500, 5th £250.

Points 10-9-8-7-6-5-4-3-2-1.

POINTS

Positions after Silverstone June 4 round:

1	James Kaye	48
2	Ian Briggs	33
3	Jim Smith	30
4	Brian Farminer	28
5	Matthew Neal	21
6	Paul Ingram	18
7	Kevin Melnyk	14
8	Colin Stancombe	11
9	Paul Tarry	9
	Micahel Ireland	9

Next round snetterton July 3.

DESIGN FIREPLACES SINGLE SEATER CHAMPIONSHIP (for Libre Cars)/Q.E.D. HISTORIC FORMULA THREE RACE

These are the fourth rounds of the 1989 Design Fireplaces Single Seater Championship (for Libre Cars) and Q.E.D. Historic Formula 3 Championship respectively.

EVENT 5:15 LAPS

GRID

ENTRIES

No.	Driver/Entrant	Town	Car	Engine	cc
Class A: (Over 2000cc)					
6	Roger Orgee	Bristol	Reynard 880	Smith	3000
7	Design Fireplace Centres				
	Rob Cox	Guildford	Lola LC88		3500
8	Richard Fuller	Windlesham	Lola T87/50	Cosworth	3000
Class B: (Up to 2000cc)					
39	Eddie Lurg	London	March 822	BMW	1998
59	Alan Lawrence	Lingfield	Ralt RT30	Minister VW	2000
65	Simon Hadfield	Diseworth	Lotus 69	Ford BDA	1600
77	Royal Air Force Motor Sport				
	Chris Perkins	Kings Lynn	Ralt RT30	Judd VW	2000
81	Alan Carruthers	Thringstone	Ralt RT30	VW Judd	2000
Class F3: (Q.E.D. Historic F3)					
71	Malcolm Carter	Sapey Common	Ensign LNF3	Lotus Holt	1600
74	Keith Baldwin	Chobham	March 733	Holbay	1600
75	Nigel Fright	Hythe	March 733	B.E.S. Renault	1600
78	David Jackson	Chiltington	Brabham BT38/23	Arias-Renault	1600
83	Courtiers Consultancy				
	David Pearce	Reading	Mallock 118	Lotus/Holt	1600
92	Peter Gillam	Loughborough	Ensign LNF3	Lotus/Jones	1600
100	Geoff Rumble	Guildford	Dastle Mk10	Lotus Ford	1600

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Lap Records:

All Classes to be established.

LAP CHART

POS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
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RESULTS

1.....	Time.....	m.....	s.....	mph
2.....				
3.....				
Class A: 1..... 2..... 3.....				
Time:		m.....	s.....	mph
Fastest Lap:	No			
in	m.....	s.....		mph
Class B: 1..... 2..... 3.....				
Time:		m.....	s.....	mph
Fastest Lap:	No			
in	m.....	s.....		mph
Class F3: 1..... 2..... 3.....				
Time:		m.....	s.....	mph
Fastest Lap:	No			
in	m.....	s.....		mph

Positions after Mallory Park May 1 round but before Castle Combe May 29 third round:

Design Fireplaces Single Seaters

Class A

1	Tony Trimmer	15
2	Geoff Farmer	6
3	Richard Peacock	3

Class B:

1	Eddie McLurg	14
2	Mike Whatley	6
3	Chris Perkins	6

Q.E.D. Historic F3

1	Keith Baldwin	19
2	Malcolm Carter	12
3	Peter Gillam	11
4	Nigel Fright	11
5	Barrie Maskell	8
6	Gareth A. Burnett	8
7	John Holroyd	8

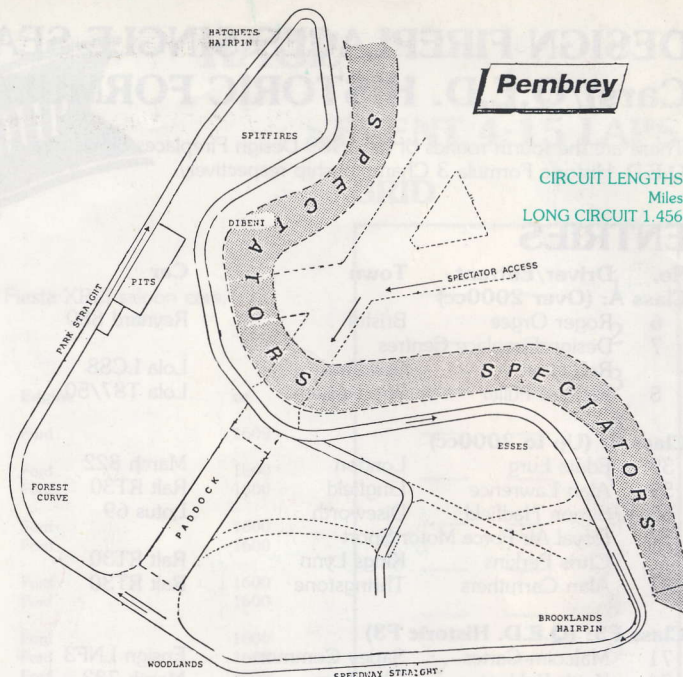
Next round Mallory Park June 25.

THE WELSH
MOTOR SPORTS
CENTRE
Penrhydyddel



Historic Race Day (Historic Sports Car Club)
British Automobile Racing Club Championship Race Day
Car Meeting (Jaguar Car Club)
Car Meeting (Jaguar Drivers' Club)
British Automobile Racing Club Race Day
Car Meeting (British Racing & Sports Car Club)
General Autoglass Tour 1989 (British Racing & Sports Car Club)
British Automobile Racing Club Championship Race Day

PEMBREY SPEED TABLE (1.456 Miles) SPEED (in mph) = $\frac{1.456 \times 3600 \times \text{No. of laps}}{\text{Time (in secs)}}$



CAR PARKING. Vehicles are taken into the car park on condition that neither the organisers - the British Automobile Racing Club - nor the Llanelli Borough Council shall be liable for loss or damage to the vehicle, or to any part or accessory thereof, or to anything left in or about or with any vehicle, in whatever way or by whatever means such loss or damage may be caused.

M	S	MPH	M	S	MPH	M	S	MPH	M	S	MPH	M	S	MPH	M	S	MPH	M	S	MPH			
0	46.0	113.94	0	50.0	104.83	0	54.0	97.06	0	58.0	90.37	1	2.0	84.54	1	6.0	79.41	1	10.0	74.88	1	14.0	70.83
0	46.1	113.70	0	50.1	104.62	0	54.1	96.88	0	58.1	90.21	1	2.1	84.40	1	6.1	79.29	1	10.1	74.77	1	14.1	70.73
0	46.2	113.45	0	50.2	104.41	0	54.2	96.70	0	58.2	90.06	1	2.2	84.27	1	6.2	79.17	1	10.2	74.66	1	14.2	70.64
0	46.3	113.20	0	50.3	104.20	0	54.3	96.53	0	58.3	89.90	1	2.3	84.13	1	6.3	79.05	1	10.3	74.56	1	14.3	70.54
0	46.4	112.96	0	50.4	104.00	0	54.4	96.35	0	58.4	89.75	1	2.4	84.00	1	6.4	78.93	1	10.4	74.45	1	14.4	70.45
0	46.5	112.72	0	50.5	103.79	0	54.5	96.17	0	58.5	89.60	1	2.5	83.86	1	6.5	78.82	1	10.5	74.34	1	14.5	70.35
0	46.6	112.48	0	50.6	103.58	0	54.6	96.00	0	58.6	89.44	1	2.6	83.73	1	6.6	78.70	1	10.6	74.24	1	14.6	70.26
0	46.7	112.23	0	50.7	103.38	0	54.7	95.82	0	58.7	89.29	1	2.7	83.59	1	6.7	78.58	1	10.7	74.13	1	14.7	70.16
0	46.8	112.00	0	50.8	103.18	0	54.8	95.64	0	58.8	89.14	1	2.8	83.46	1	6.8	78.46	1	10.8	74.03	1	14.8	70.07
0	46.9	111.76	0	50.9	102.97	0	54.9	95.47	0	58.9	88.99	1	2.9	83.33	1	6.9	78.34	1	10.9	73.92	1	14.9	69.98
0	47.0	111.52	0	51.0	102.77	0	55.0	95.30	0	59.0	88.84	1	3.0	83.19	1	7.0	78.23	1	11.0	73.82	1	15.0	69.88
0	47.1	111.28	0	51.1	102.57	0	55.1	95.12	0	59.1	88.69	1	3.1	83.06	1	7.1	78.11	1	11.1	73.72	1	15.1	69.79
0	47.2	111.05	0	51.2	102.37	0	55.2	94.95	0	59.2	88.54	1	3.2	82.93	1	7.2	78.00	1	11.2	73.61	1	15.2	69.70
0	47.3	110.81	0	51.3	102.17	0	55.3	94.78	0	59.3	88.39	1	3.3	82.80	1	7.3	77.88	1	11.3	73.51	1	15.3	69.60
0	47.4	110.58	0	51.4	101.97	0	55.4	94.61	0	59.4	88.24	1	3.4	82.67	1	7.4	77.76	1	11.4	73.41	1	15.4	69.51
0	47.5	110.34	0	51.5	101.77	0	55.5	94.44	0	59.5	88.09	1	3.5	82.54	1	7.5	77.65	1	11.5	73.30	1	15.5	69.42
0	47.6	110.11	0	51.6	101.58	0	55.6	94.27	0	59.6	87.94	1	3.6	82.41	1	7.6	77.53	1	11.6	73.20	1	15.6	69.33
0	47.7	109.88	0	51.7	101.38	0	55.7	94.10	0	59.7	87.79	1	3.7	82.28	1	7.7	77.42	1	11.7	73.10	1	15.7	69.24
0	47.8	109.65	0	51.8	101.18	0	55.8	93.93	0	59.8	87.65	1	3.8	82.15	1	7.8	77.30	1	11.8	73.00	1	15.8	69.15
0	47.9	109.42	0	51.9	100.99	0	55.9	93.76	0	59.9	87.50	1	3.9	82.02	1	7.9	77.19	1	11.9	72.90	1	15.9	69.05
0	48.0	109.20	0	52.0	100.80	0	56.0	93.60	1	0.0	87.35	1	4.0	81.90	1	8.0	77.08	1	12.0	72.80	1	16.0	68.96
0	48.1	108.97	0	52.1	100.60	0	56.1	93.43	1	0.1	87.21	1	4.1	81.77	1	8.1	76.96	1	12.1	72.69	1	16.1	68.87
0	48.2	108.74	0	52.2	100.41	0	56.2	93.26	1	0.2	87.06	1	4.2	81.64	1	8.2	76.85	1	12.2	72.59	1	16.2	68.78
0	48.3	108.52	0	52.3	100.22	0	56.3	93.10	1	0.3	86.92	1	4.3	81.51	1	8.3	76.74	1	12.3	72.49	1	16.3	68.69
0	48.4	108.29	0	52.4	100.03	0	56.4	92.93	1	0.4	86.78	1	4.4	81.39	1	8.4	76.63	1	12.4	72.39	1	16.4	68.60
0	48.5	108.07	0	52.5	99.84	0	56.5	92.77	1	0.5	86.63	1	4.5	81.26	1	8.5	76.51	1	12.5	72.29	1	16.5	68.51
0	48.6	107.85	0	52.6	99.65	0	56.6	92.60	1	0.6	86.49	1	4.6	81.13	1	8.6	76.40	1	12.6	72.19	1	16.6	68.42
0	48.7	107.63	0	52.7	99.46	0	56.7	92.44	1	0.7	86.35	1	4.7	81.01	1	8.7	76.29	1	12.7	72.09	1	16.7	68.33
0	48.8	107.40	0	52.8	99.27	0	56.8	92.28	1	0.8	86.21	1	4.8	80.88	1	8.8	76.18	1	12.8	72.00	1	16.8	68.25
0	48.9	107.19	0	52.9	99.08	0	56.9	92.11	1	0.9	86.06	1	4.9	80.76	1	8.9	76.07	1	12.9	71.90	1	16.9	68.16
0	49.0	106.97	0	53.0	98.89	0	57.0	91.95	1	1.0	85.92	1	5.0	80.64	1	9.0	75.96	1	13.0	71.80	1	17.0	68.07
0	49.1	106.75	0	53.1	98.71	0	57.1	91.79	1	1.1	85.78	1	5.1	80.51	1	9.1	75.85	1	13.1	71.70	1	17.1	67.98
0	49.2	106.53	0	53.2	98.52	0	57.2	91.63	1	1.2	85.64	1	5.2	80.39	1	9.2	75.74	1	13.2	71.60	1	17.2	67.89
0	49.3	106.32	0	53.3	98.34	0	57.3	91.47	1	1.3	85.50	1	5.3	80.26	1	9.3	75.63	1	13.3	71.50	1	17.3	67.80
0	49.4	106.10	0	53.4	98.15	0	57.4	91.31	1	1.4	85.36	1	5.4	80.14	1	9.4	75.52	1	13.4	71.41	1	17.4	67.72
0	49.5	105.89	0	53.5	97.97	0	57.5	91.15	1	1.5	85.22	1	5.5	80.02	1	9.5	75.41	1	13.5	71.31	1	17.5	67.63
0	49.6	105.67	0	53.6	97.79	0	57.6	91.00	1	1.6	85.09	1	5.6	79.90	1	9.6	75.31	1	13.6	71.21	1	17.6	67.54
0	49.7	105.46	0	53.7	97.60	0	57.7	90.84	1	1.7	84.95	1	5.7	79.78	1	9.7	75.20	1	13.7	71.12	1	17.7	67.45
0	49.8	105.25	0	53.8	97.42	0	57.8	90.68	1	1.8	84.81	1	5.8	79.65	1	9.8	75.09	1	13.8	71.02	1	17.8	67.37
0	49.9	105.04	0	53.9	97.24	0	57.9	90.52	1	1.9	84.67	1	5.9	79.53	1	9.9	74.98	1	13.9	70.92	1	17.9	67.28