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WATERFORD HILLS digest

JUNE 27-28, 1964/Price 25 cents



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CONTENTS

The Inside Line		
Calendar of Events		. 4
The Marvelous Mini		. 7
Lap Speed Chart		. 10
Class Records		. 11
Race Results Spring Sprints		
The 500 Kms. of Francorchamps		. 14
Take a Car, Any Car		. 18
Put-in-Bay 1963		. 20
Ralph Yeckley		. 25
OCSRRC Racing Classes		. 29
Local Color		. 30
Course Map		. 32

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THE INSIDE LINE



Lots of exciting things happened at the Spring Sprints: eleven new class records were set! Some of the records were broken twice or more, but the best performance of the weekend was by Bob Clemens, TR Spitfire, who broke his own G-Production record no less than five times! Bob, by the way, started out last season as a novice, improved so much that he was voted Driver of the Year. He's well on his way to becoming Point Champion for 1964.

Some interesting new machinery: Glen Lyall's SCD Ford, a C-Modified special, turned out to be a real stormer, and will probably carry everything entered in that class. The Mustang turned in a fairly good performance as driven by Joe Mulholland in the Feature Race. When the race-tuned models are out we should have a good race. And there are more sedans than you can shake a stick at. This is the first time we've had a race for sedans only. (Usually they are scheduled with H-Production cars.)

There are a lot of people who help out in the paddock on race weekend, and we think it appropriate to extend our thanks to Belle Tire, for the tire truck; Falvey Motor Sales, for the parts truck and the Press bus; Seaway Motors for the other Press bus, Sports Car Specialties, for accessories; and the Junior Chamber of Commerce of Clarkston, for the concession stand

You'll notice that the July race is a week earlier than usual. This is due to the early date of the SCCA race, set early because of scheduling conflicts in the SCCA.

We're pleased with the response to our subscription sales pitch. And we're pleased, too, that so many people call us for information on events, membership, etc. If you have questions or comments on the Digest, the Races, the OCSRRC, don't hesitate to call or write to us. Who knows? If we ever get a letter to the editor, we may publish it!

CALENDAR OF EVENTS **JULY, 1964**

Da	te	Event	Sponsor	Location
July	1	General Membership Meeting	OCSRRC	Clubhouse
	4	Gymkhana	CCM	Waterford
	5	Gymkhana	KSCC	Wonderland
	12	Pre-Race Practice	OCSRRC	Waterford
	12	Rally	MSCC	
	18-19	Race	OCSRRC	Waterford
	25	Dual-Khana	KSCC	
	26	Rally	DTSOA	
	26	Combination Gymkhana	AROCD & MSCC	
Aug.	15-16	Race	SCCA	Waterford
Sept.		Race	OCSRRC	Waterford

Check the Sports Car Slate in your local newspaper, or a club representative for further information.

All events listed are coordinated through the Detroit Council of Sports Car Clubs.

PARDON US!

After the big build-up in the last issue on how you should come out to Driver's School and learn to race, we're a bit red-faced. The first Driver's School was a complete success, as we reported, but the second one had only 10 people. Because of this "flop," it was decided not to risk losing money on another School. However, if enough people show interest in attending it, a third School may be held. If you are interested in attending, please contact the Digest. With some support we might make it!

1964 RACE OFFICIALS

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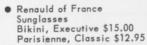
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THE MARVELOUS MINI

There's a small sedan loose at Waterford that is playing havoc with class records and the peace of mind of other drivers. Smaller by 9" than a Volkswagen, this "full size" British family sedan is a real stormer on the short, twisty course. But it's a menace on other tracks too, as piloted by localite Richard Brown, who placed fifth at Sebring, or Canadian Al Pease, who beat out a Pontiac GTO to win the recent Player's 200. (Other Mini drivers at the Waterford Course include Bob Zimmerman (see May issue), Art Sutphin, Bill Schubert, Grant Clark, and Gord Brown.)

What makes this little car so competitive? A combination of front wheel drive, fully independent rubber (instead of steel) suspension, quick, light, and precise steering, and front disc/rear drum brakes all make a difference. Add to this a terrifically low center of gravity, and you have one of the goingest cars on the road.

One of the most amazing parts of this little beast is the tiny 10" wheel, tired with Dunlap Goldseals. One gentleman took his Mini in to the Dunlap people and requested steel cord tires, only to be turned down on the



Grant Clark, Canadian Stormer.



Dick Brown takes the flag at Spring Sprints.

grounds that he wouldn't be able to tell the difference. And although the smaller dimensions of the wheels make for more tire wear, even if a new set of tires is needed every 20,000 miles (average, non-competition driving), the small size is less expensive than the standard sizes used on car-size cars, so the cost averages out.

Fondly called the Mini-Brick by Britishers, the Mini, which does indeed resemble a brick, is amazingly comfortable. The rubber suspension does a lot toward absorbing shock (shock absorbers are also used), and the foam-rubber-cushioned seats complete the comfort angle. Add a 45° tilted steering wheel, and easily accessible brake and accelerator pedals, and you're set for a long haul (providing, of course, that you aren't too much over six feet tall).

Designed by Alec Issigonis for production in 1960, the original Mini

(Austin or Morris 850) had an 850 cc. engine. Heeding suggestions from owners and test drivers, the capacity has been boosted to nearly 1000 cc., making acceleration and handling much more precise. Top speed has been increased from 50 mph to nearly 90. The car has a tendency to understeer at high speeds, which can be unfortunate when cornering, but backing off from the accelerator effects an immediate switch to oversteer, and a steady hand on the wheel will take you back to the correct line for the corner. Al Pease tells of the two points to remember when driving (racing) a Mini: One, that it isn't a car, and two, that no matter how fast you drive it nothing can happen.

The Mini makes an excellent dualpurpose car, averaging 25-35 miles to the gallon of gas. Curb weight is 1335 pounds, and there is ample seating space for four adults. Total cost: just over \$1800.



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1.12	72.44	1.22	62.44	1.32	55.65	1.42	50.16
1.13	71.44	1.23	61.68	1.33	55.05	1.43	49.71
1.14	70.48	1.24	60.95	1.34	54.47	1.44	49.23
1.15	69.54	1.25	60.23	1.35	53.89	1.45	48.76
1.16	68.63	1.26	59.53	1.36	53.33	1.46	48.30
1.17	67.75	1.27	58.85	1.37	52.78	1.47	47.85
1.18	65.61	1.28	58.18	1.38	52.24	1.48	47.41
1.19	64.78	1.29	57.53	1.39	51.72	1.49	46.97

The Waterford Hills Course is 1.4221 miles long (7,509 ft. center line of track). To determine the speed of any individual car, time it for one complete lap and read it off the speed from this table.

The Official Time Pieces used at Waterford Hills Road Course are CERTIFIED BULOVA MASTER WATCHES. These instruments are made available to OCSRRC through the courtesy of THE BULOVA WATCH COMPANY.

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CLASS RECORDS

CLASS Production Sports:	CAR	DRIVER	TIME	SPEED	DATE
A-P	AC Cobra	T. Payne	1:22.3	62.206	5/64
B-P	Jaguar XKE	J. Mulholland	1:24.5	60.587	5/64
C-P	Lotus S7	R. Justice	1:28.1	58.111	5/64
D-P	GSM Delta	W. Osband	1:28.7	57.718	5/63
E-P	Porsche	R. Dorn	1:29.4	57.377	8/63
F-P	MG-A	C. Cantwell	1:29.0	57.520	9/63
G-P	TR Spitfire	R. Clemens	1:30.2	56.758	5/64
H-P	Sprite	F. Salo	1:34. 2	54.360	5/63
Modified Sports:				01.000	0,00
C-M	SCD Ford	G. Lyall	1:23.2	61.533	5/64
D-M	Torus	O. Clubine	1:27.5	58.510	5/62
E-M	Porsche RS	T. Payne	1:23.4	61.387	10/61
F-M	Lotus 23-B	E. Cicotte	1:22.0	62.434	5/64
G-M	Lola	F. Bradley	1:24.7	60.444	8/61
H-M	Special	R. Hull	1:27.5	58.510	9/62
Formula Junior:	the state of the state of the				,
Rear Engine	Lotus 20	R. Durbin	1:20.4	63.676	8/63*
Front Engine	Stanguellini	R. Brown	1:25.2	60.090	10/61
Sedans:					,
Modified	VW Porsche	E. Dahm	1:29.5	57.171	5/63
Class I	Volkswagen	J. Purcell	1:34.0	54.463	5/64
Class II	Volvo	G. Blass	1:37.2	52.670	5/64
Class III	Austin Cooper S	R. Brown	1:30.5	56.570	5/64
Formula Vee:		J. Gardella	1:30.1	56.821	5/64
Formula Libre: **New Course Reco	rd	L. Wilhelm	1:25.5	59.878	5/64

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Saturday

Race #1 - H-Production & Sedans *			Race #5 - F-G-H-Production & Sedans **			
1 HP 2 HP 1 Sed. I 1 Sed. III 2 Sed. III	Fred Salo Bill Larson Jerry Tobin Richard Brown Ed Lidgard	Sprite Sprite Sunbeam Imp Austin Cooper S Volvo 544	1 FP 2 FP 1 GP 2 GP 1 HP	William Kane Richard Miller Donald Roman Lewis Cooper Sid Rich	Lotus 7 Lotus 7 TR Spitfire Sprite Sprite	
1 EP 1 FP 2 FP 3 FP 1 GP	F-G-Production* Bob Schiffer Don Watson John Pierce James Franklin Bob Clemens	Porsche MG-A MG-A Lotus 7A TR Spiffire	2 HP 1 Sed. I 2 Sed. I 3 Sed. I 1 Sed. III Race #6 - A-	Tom Varner Jim Purcell Edward Austin Gordon Miller Robert Acton E-Prod., Mod., F.Jr., Ve	Sprite Volkswag NSU Prin Saab Mustang	
2 GP Roce *3 - A- 1 AB&CP 2 AB&CP 1 DP 2 DP 3 DP	Joe Charette B-C-D-Production* Tom Swindell Joe Mulholland Donald Grohs Reno Guerrieri Max Nerriere	Sprite Corvette Jaguar XKE GSM Delta Abarth doc Lotus Elite	1 AP 1 B&CP 1 D&EP 1 F.Jr.R 1 D-HM	Paul Sonda Allan Davis Sam Savage Chris Prewitt Charles Fordyce	Corvette Corvette Triumph I de Tomas Special	
Race #4 - M 1 F.Jr.R 1 F.Jr.F 1 F. Vee 1 CM	odified, Formula Junio Ken Nielsen Ken Woodward Tom Faulkner Glen Lyall	r, Vee, Libre* Lotus 20 Woodward DKW Formula Vee Ford SCD	* Licensed	Drivers Only.		

** Novices Only.

Novices.

*** Class Winners on Sunday and by Invitation. No

Lotus 23-B

Lotus 23-B

Lotus 11

		Sun	day		
Race #1 - F- 1 FP 2 FP 3 FP	Production Don Watson James Franklin John Pierce	MG-A Lotus 7A MG-A	Race #6 - A-B 1 AP 1 BP 1 CP	I-C-Production Tom Swindell Joe Mulholland Ronald Justice	Corvette Jaguar XKE Lotus S7
1 DP 2 DP 3 DP 1 EP	E-Production Cliff O'Grady Max Nerriere Michael Sanders Peter Hutchinson -H-Production	Austin Healey Lotus Elite Triumph TR-4 Porsche	Race #7 - MO 1 F.Jr.R 1 F.Jr.F 1 F. Vee 1 CD&FM 1 G&HM	Nielsen Ken Woodward John Gardella Glen Lyall Pete Dawson	, F.Jr., Vee, Libre) *** Lotus 20 Woodward DKV Formula Vee Ford SCD Lola 1100
1 GP 2 GP 3 GP 1 HP 2 HP	Bob Clemens Ralph Yeckley Frank Cipelle Fred Salo Bill Larson	TR Spitfire Sprite Porsche Sprite Sprite	Race #8 - SM 1 FP 1 GP 1 HP 1 Sed. I & II 1 Sed. III	ALL PRODUCTION FEA Don Watson Bob Clemens Bill Larson George Blass Richard Brown	MG-A TR Spitfire Sprite Volvo Sedan Austin Cooper S
1 Sed. I 2 Sed. I 3 Sed. I 1 Sed. III 2 Sed. III 3 Sed. III	Jim Purcell Jerry Tobin Edward Austin Richard Brown Ed Lidgard Robert Zimmerman	Volkswagen Sunbeam Imp NSU Prinz Austin Cooper S Volvo 544 Austin Cooper S	Race #9 - LAR 1 AP 1 BP 1 CP 1 DP 1 EP	RGE PRODUCTION FEATOM Payne Joe Mulholland Ronald Justice Cliff O'Grady Peter Hutchinson	ATURE*** AC Cobra Jaguar XKE Lotus S7 Austin Healey Porsche
Race "5 - Ma 1 F.Jr.R 2 F.Jr.R 3 F.Jr.R 1 F.Jr.F 1 F. Vee 1 F. Libre 1 CD&FM	odified, Formula Jr., Vee Ken Nielsen Bill Bradley Craig Hill Ken Woodward John Gardella Larry Wilhelm Glen Lvall	Lotus 20 Formula Junior Cooper Woodward DKW Formula Vee Formula Libre Ford SCD			



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THE 500 KMS. OF FRANCORCHAMPS Spa Grand Prix

by Armande Lefebvre

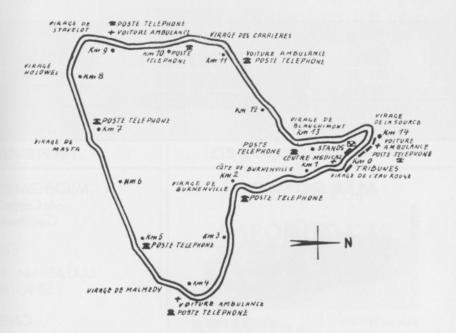
The Grand Prix of Spa is held on the Belgian National Circuit at Francorchamps every year in May. Since its creation over ten years ago, the Spa GP has known many changes. At first it was reserved for sports car racing, and later it included GT events. The eight and a half mile road course has become well-known among drivers as the fastest course in Europe (average speeds run around 120 miles per hour). Top cars in the past years have always been Ferraris, with little competition from other cars.

In 1963 the Spa Royal Automobile Club was offered the chance to organize a world championship event for GT manufacturers. The first race, held on May 12, 1963, was won by Belgian National Champion Willy Mairesse, who broke all former track records to set the pace at 127 mph in his GTO Ferrari.

This year the event was held on May 17, and the main interest centered

around the battle between the AC Cobras and the Ferraris. The Cobra team included Phil Hill, Innes Ireland, Bob Bondurant, and Jo Schlesser. Among the notables on the Ferrari team were Mike Parkes, Lorenzo Bandini, Jean Guichet, and eight others. Also included in the three-liter class were three Jaguars and two Aston Martins. In the two-liter class were nine new Porsche 904 GT's and three Abarth 2000 cc's.

Friday preliminary practice was inconclusive, but during Saturday practice Phil Hill set the pace and won first position on the grid. In the race, however, he was not so lucky. Although first away on the green flag, he was forced to make a pit stop on the first lap, with a blocked fuel system. This was quickly and easily corrected, but he stopped on each of the next four laps, with no power the problem. After thorough checking, his mechanics finally discovered that the Air cleaner was full of scraps of tissue



The course is a bit hilly, but long straights and relatively few turns make for a very fast course.

paper and small stones. Once the filter was changed, the car ran well, but unfortunately Hill had dropped back to 39th position. (No act of sabotage could be proved, but it was later discovered that the hood of the car was not locked on Saturday night, as is the custom.) He finally finished 14th overall, breaking the course record four times in the process, upping the speed to 129.01 mph.

Taking over first place as a result of Hill's problems was Mike Parkes, Ferrari, who held the lead all the way through the 36 laps to finish first overall. Following him were Jean Guichet, Ferrari; Lorenzo Bandini, Ferrari; David Piper, Ferrari; E. Barth, Porsche; Langlois, Ferrari; Koch, Porsche; Ben Pon, Porsche; Bondurand, AC Cobra; Sutcliffe, Jaguar

E; Schlesser, AC Cobra; Protheroe, Jaguar E; Innes Ireland, AC Cobra; and Phil Hill, AC Cobra. Parkes' average speed was 120 mph.

Editor's Note: Armande is a native Belgian who has lived in Detroit for the last five years. She works for the Belgian Commercial Office in Detroit. She has been active in the OCSRRC for the past year, helping to organize the last Frostbite and Fireside, and typing press releases on raceday. She attended the Spa GP on a recent six-week visit to the homeland.



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TAKE A CAR, ANY CAR

by Emily Bowyer

It is impossible to give a serious explanation of rallying. Let's just say that rallying is the sport of kooks, who have nothing to lose but their minds, and are bent on losing them by the shortest possible route in the least amount of time.

Actually, a rally is simply getting from point A to point B within a specific period of time. The fact that you don't know where point B is, or where you will go after you reach point B, or what you are doing at point A in the first place is beside the point. Confused? You don't know what confusion is until you've tried rallying.

Let's go on an imaginary rally. All we need is a driver and a navigator. (It also helps to have a car.) It is important that the navigator is calm and levelheaded, can read and think and cipher in a moving vehicle without getting actively car-sick, and is not big enough to hit back. Wives do nicely, especially if you wanted a divorce anyway. However, if you can just find someone not big enough to hit back, you can skip the other points.

We arrive at the starting place brighteyed and full of hope. We don't have the foggiest idea where we'll go from here, but then we sometimes suspect the rally-master doesn't either. It is a help, by the way, if we know who the rally-master is. He's the fellow who set up the whole show, and if he hasn't been out of the asylum long enough we can turn right around and go home. Besides, the rally-master is the one we lynch when we get to the finish.

We are handed a set of instruction sheets exactly 30 seconds before we leave. This doesn't give us much time to find out what it's all about, does it? You're catching on. We start out and immediately faced by something that reads:

1. L and T

In rally-ese this means:

1. Turn left where the road deadends into a cross-road.

But we don't know this, so we follow the fellow ahead of us. (It will be sometime before we find out that the fellow ahead of us isn't on the rally.)

We now proceed to execute a series of beautiful cloverleaf turns, figure eights, and double-reverse-back-jackknives, while following instructions that go like this:

- 14. R at Quick Rd.
- 15. Bear Lat Y.
- 16. Straight at Stop.
- 17. R onto Gravel and so on.

We curse ourselves and each other, the road, the rain, the car, the other cars, and the unlettered maniac who set up the rally. We have had a flat tire, run out of gas, smashed the compass, and bitten the stem off our stop watch in a fit of rage. We are lost. We want to quit, but we don't know how.

Wait -- by some weird twist of fate we have arrived at the first checkpoint! We leap from the car, fall to the ground, and kiss the checkpoint sign. All is not lost! At least we are not lost.

And so we smooth out the ragged and incomprehensible instruction sheets and stagger onwards into the sunset. Should we get lost, we are confident someone will miss us and send out search parties. After all, no one ever really disappeared from a rally, did they? They did? HELP!

Actually, it doesn't much matter whether we make it to the final checkpoint or not. The only thing we'd miss is a glass of cold beer, and the lynching.

(Continued on Page 26)

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PUT-IN-BAY, 1963

A boat ride was first on the agenda, with many trips required to move all cars to the island.





A truly magnificent Canadian MG-TF leads Bud Pell down the Start/Finish straight.

Timing and Scoring, under the direction of Joan Lawrence (Voltmer), was casual, to say the least. Equipment consisted of a card table, typewriter, cigarettes, Coke bottles, piles of paper, many kibitzers, and a grand total of two stopwatches.





The AC Bristols, which can really open up on a long, open course like Put-in-Bay, are about to lap slower TR-4. Top speed is more advantageous on this type of course than it is at Waterford, so the smaller cars aren't so much competition.



Gord Brown, Mini, pushes Volvo right off the road rounding the last corner.



The beginning of a crack-up, as the lead car swerves to avoid spectators in the road. The car ran up a telephone pole, was completely demolished, but the driver was untouched.

A more casual or fun weekend we couldn't imagine. First the boat ride, then tech inspection, held in a local gas station, then on to the paddock, located in a farmer's field. The course consisted of four long straights, but what with bumps, hills, spectators, and pheasants, it was an exciting course. And after it was all over, there was partying until the wee hours. Bets were paid off in champagne, race cars roared through the streets, and the motels were filled to capacity.

This race was the first at Put-in-Bay in four years, and while there will be no races held there this year, we have high hopes of a full season of racing on the island next season.

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RALPH YECKLEY

Ralph's Sports Car enthusiasm dates back to 1961, when Stan Gorman, a fellow employee at Holley Carburetor, asked him to come out and watch the races at Waterford. Ralph joined OCSRRC soon after, and spent the season sweeping the course. After breathing Castrol for a year he bought a Sprite and joined the fun racing.

Along with Sprite ownership came friendships with other Sprite drivers, and a marque group, Ecurie Poverty, was formed. The group consisted of the owners of four brand-new Sprites, who knew virtually nothing about their cars. Pooling parts, knowledge, and enthusiasm, the group included, at various times, Ralph, Joe Brancik, Joe Charette, Bob Kliffel, Bob Crane, and Bill Larson. The team ran relay races in Canada, entered and pitted together elsewhere.

races in Canada, entered and pitted together elsewhere.
Ralph's first Sports Car event was the MSCC rally, which he ran with Bill Larson in 1961, at night, in the snow. The rally was to end in Farmington, but our heroes found themselves in Pontiac, and their rallying career ended there.

Ralph has raced here, at Mid-Ohio, Harewood, and North Branch, and his plans this year include Waterford, Harewood, and Mosport. He hasn't missed a race since he started, and although he has never finished first, he has won several second-place trophies. He considers himself lucky, because he has never had a DNF (Did Not Finish). Pit Crew consists of friends from work. They aren't allowed to work on the car, but they are good at lending moral support.

(Did Not Finish). Pit Crew consists of friends from work. They aren't allowed to work on the car, but they are good at lending moral support. Ralph is on the Board of Directors of the OCSRRC, and instructed at Driver's School this year. He has collaborated with Joe Brancik on articles for the Digest, and helped to remodel the course model, on display in the Clubhouse. And when he's not racing, Ralph can be found working for Stan Gorman, who is Course Marshal at Waterford.

Racing on a budget, Ralph has been forced to give up golf and bowling to support his new hobby. He enjoys driving the Sprite, but if a change were made, it would be to a Formula Vee, primarily because of its low upkeep.

Ralph is 38 years old, lives in Redford with his wife and two daughters. Mrs. Yeckley is a non-enthusiast, and so this year's racing has cost Ralph a threeweek trip to Europe for his wife and older daughter. But, as teammate Charette says of him, "Nobody has more fun racing than Ralph."



Novice Yeckley at Waterford May, 1962

TAKE A CAR, ANY CAR Continued

Going home from a rally is almost as tricky as getting there. We do not recommend retracing the rally-Sometimes we suspect that rally-master packs all those twisting, winding, wash-board roads back into his computor and flys off on a broom, laughing wickedly.

Like we said in the beginning -all you have to lose is your mind. If you want to desert your wife, ditch your creditors, or just disappear into obscurity some sunny Sunday afternoon, start out with your foot in your hand and your heart in your mouth and go lippity, lippity down the rally-trial. Er, trail.

Editor's Note: Em is co-editor of the Club's monthly col-"Wheelspin." She is an active member of the VW club. enjoys rallying gymkhana-ing with husband Bob and their children. She is a licensed Turn Marshal at the Waterford Course.

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OCSRRC RACING CLASSES

PRODUCTION SPORTS CARS:

"Production" Sports Cars (i.e. cars not designed primarily for racing) are grouped in classes according to their racing performance. This system of classing makes driver skill rather than car performance the primary factor in winning races.

CLASS A:

AC Cobra; Corvette 327-cu in; Corvette Sting Ray; Ferrari 250 GT (short wheelbase); Ferrari GTO.

CLASS B:

Aston Martin DB-4 GT & Zagato, DB-2, DB-2/4, DB-4; Corvette 283 cu in; Ferrari 250 GT (long wheelbase); Sunbeam-Ford Thunderbolt; Jaguar XK-E: Mercedes 300-SL.

CLASS C:

Alfa Sprint Speciale & Zagato; Elva Courier Mk III 1800, Mk IV 1800, 1800-T; Lotus Super 7 (Ford 109E & Ford 116E); Lotus Elan; Morgan Super Sports OSCA, 1600 GT; Porsche Carrera 1500, 1600, 2000; Simca-Abarth 1300; Sprinzel Sebring Sprite; TVR (MGB or Climax engine); WSM GT Coupe.

CLASS D:

AC, Aceca Bristol; Alfa Romeo 2600, 2000, 1600 Giulia Sprint GT; Arnolt Bristol; Austin-Healey 3000 & Mk II; BMW 507; Daimler SP-250; Fiat-Abarth 1000 dohc; Frazer-Nash; Ginetta G4 (single weber); GSM Delta; Jaguar XK-120, 140, 150, 150-S, & 3.8; Jensen 541-R; Lancia Aurelia GT & Spyder; Lotus Elite; MG-B; Porsche 356-B, 356-C, Super 90, 1600 SC; Siata 208-S; Triumph TR-4; Turner (Climax or Ford 116E).

CLASS E:

AC Ace & Aceca; Alfa Giulietta Veloce; Alfa Giulia 1600 Standard, Austin-Healey BN-1,2,4,6; Elva Courier Mk III, 1622 cc & Mk IV, 1622 cc; Fairthorpe Electron; Fiat-Abarth 700 dohc, 750 dohc, 1000 pushrod; GSM Delta (Ford 105E single weber); MG-A dohc; Morgan Plus 4,4/4 Mk V; Porsche 356, 356-A, 356-B 1600, 356-C 1600; Renault Alpine.

CLASS F:

Alfa Giulietta Standard; Berkeley B-95, B-105; Deutsch-Bonnet; Denzel 1300-S; Facellia; Fairthorpe Minor; Lotus 7 (BMC or Ford 105E); Mercedes 190-SL; MG-A; Sabra Sports; Sunbeam Alpine; Triumph TR-2, TR-3; Turner 950-S; Volvo P-1800.

CLASS G:

Sprite 948 cc w/options; Sprite 1100; Datsun SPL-310-U; Fiat-Abarth 850-S; Fiat 1500 Spyder; MG Midget 948 & 1100; Morgan 4/4 Mk IV; Porsche 1300-S; Triumph Spitfire.

CLASS H:

Sprite, 948 cc, limited options; Auto-Union 1000-SP; Berkeley 500cc; Fiat-Abarth 750 GT Mille Miglia; Fiat 1200; Lancia Appia GT; MG-TC, TD, TF 1500.

MODIFIED SPORTS CARS:

"Modified" Sports Cars (i.e. sports cars designed specifically for racing and "Production" cars that have been modified for racing) are grouped according to engine size.

CLASS C: Over 3000 cc (over 183 cu.in.) CLASS D: 2000 to 3000 cc (122 to 183

CLASS E: 1600 to 2000 cc 97-1/2 to

122 cu.in.) **CLASS F:** 1150 to 1600 cc (67 to 97-1/2

cu.in.) CLASS G: 850 to 1150 cc (46 to 67

cu.in.)

CLASS H: Under 850 cc (under 46 cu.in.) FORMULA JUNIOR:

The F.Jr. is a class of single seat, open-wheel racing cars using engines from small imported sedans. These engines, although under 67 cu.in. in displacement, are modified to produce up to 100 horsepower. The FORMULA VEE is a type of Junior using Volkswagen components.

SEDANS:

At the Waterford course Production Sedans compete in three classes: **CLASS I:** up to 1000 cc.

CLASS II: 1000 to 2000 cc.

CLASS III: 2000 to 3000 cc.

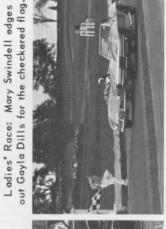
Sedans of over 3000 cc displacement or over 110 in. wheelbase are not permitted to run because we believe such cars would be too difficult to handle on a short, twisty course such as Waterford Hills.

Start/Finish Hugh Gordon takes the

Tom Monarch heads for

straight backwards.





Canadian friend Max Nerriere, a Canadian frien leads the D-Production class through the swamp.



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