



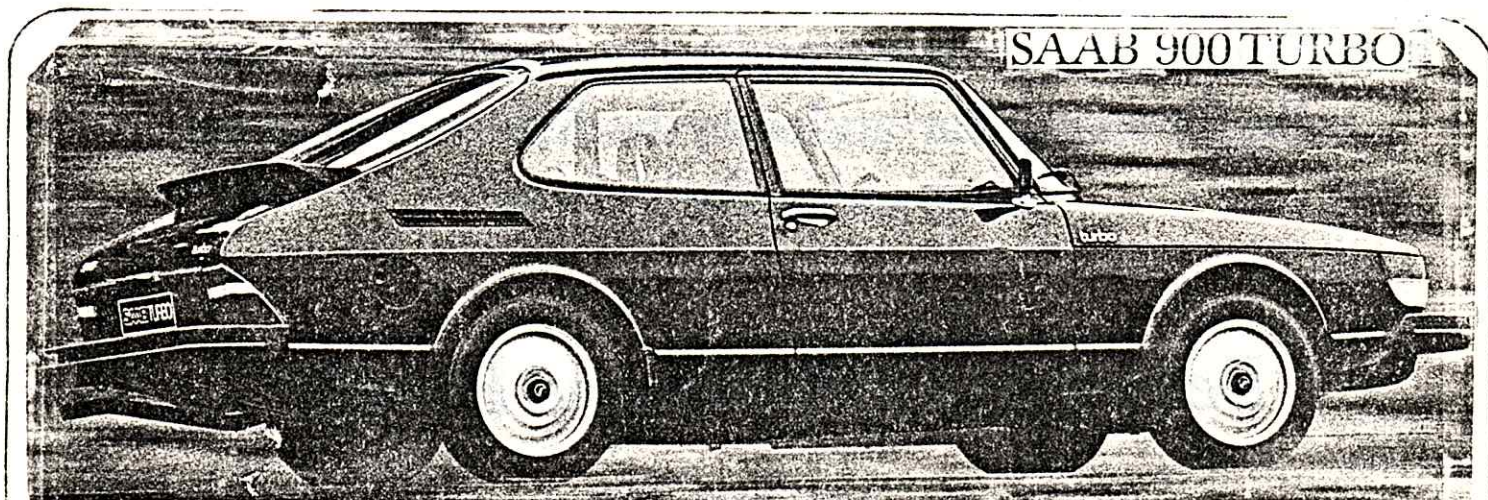
Checkpoints

VIRGINIA MOTOR SPORT CLUB

VOLUME 26 NUMBER 2 FEBRUARY 1981

SCHEDULE OF EVENTS

- FEB. 8 TSCC "No Name" autocross at Camp Pendleton, Va. Beach. Information: Teresa Pitman (804) 587-6790
- FEB. 8 CVC/SCCA Wintercross Series Autocross at Francis Scott Key Mall, Fredrick, MD. Other dates are FEB 22 and MAR 22. Pre-register to Dave Pierce (301) 739-2258 or Ken Conway (301) 739-3590.
- FEB. 8 WRC Winter Rally Series #2 Starts in Gaithersburg, MD. Other dates are Feb 22 and Mar 8. Additional information: Mike or Marilyn Humphrey 785-6543.
- FEB. 12 VMSC monthly meeting at the Byrd Park Club House.
- FEB. 22 "The Glass Jaw" Rally OD'ed by Chris & Lil Young.
- MAR. 15 VMSC autocross "Winter Close Out" at Thalhimers Westmorland. Fun Runs First. OD'ed by Bill Hunter and Ellis Wimmer.
- MAR. 29 VMSC rally "Your Mother Would Like This Rally" by Rallymasters Dick Jones and Gary Stout.

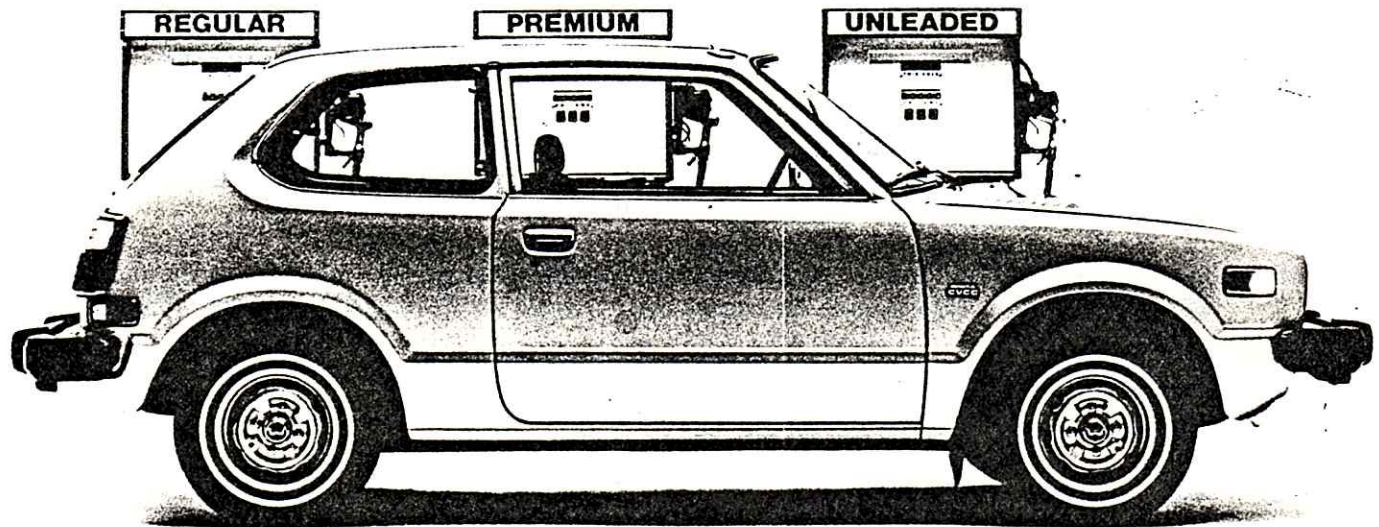


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THE
GLASS
JAW

February 22, 1981

A TSD Trap Rally of Moderate Difficulty
by Rallymasters Chris and Lil Young
for the Virginia Motor Sport Club.
Official Pre-check by Scott Powell and
Neale Dickinson.

Starts at Miller and Rhoads in Southside Plaza
in Richmond, Virginia (Int. Rtes 360 & 161).
Registration from 10:00 to 10:45 AM.
FCO at 11:01 AM. Entry Fee \$6.00.
Trophy Presentation at Finish.

For Information or Pre-registration contact:
Chris & Lil Young
1915 Belt Boulevard
Richmond, Va. 23224
(804)233-6132

Event Result Report

Name of Event NAME THAT TURN # of Entrants 28 @ \$ 6, @ \$ ____ Date of Event 1-25-81

O.D.'s FLOYD + MARVIN MILLS Helpers OFFICIAL CHECK: GARY STOUT + DICK JONES

UNOFFICIAL CHECK: CLAIR HINCKLEY, BETH MILLS, ELLIS + JANICE WIMMER Other Workers:

LINDSAY WILSON, ANN WILSON*, TOBY + RUTH WILLIAMS THANKS TO ALL

O/A	Class Pos'n	Car #	Make	Driver	Navigator	CONTROLS														TOT.
						1	2	3	4	5	6	7	8	9	10	11	12	13	14	
1	1ET	10	SAAB	W. GREENWOOD	B. GREENWOOD	1	2	0	1	1	0									5
2	2ET	14	HONDA	M. DeBARDel.	F. DeBARDel.	2	1	0	1	8	1									13
3	3E	2	HONDA	P. Wilson	J. DeBARDel.	1	26	0	2	4	4									37
4	4E	8	RAMB.	C. Young	L. Young	12	28	26	4	91	1									162
5	5E	5	VW	C. Hoelzel	C. Hoelzel	1	4	78	6	71	5									165
5	1UT	20	TOYO	B. Milligan	D. Milligan	2	1	9	14	127	12									165
7	6E	15	POR.	D. WAGNER*	R. WAGNER*	0	2	77	0	95	1									175
8	7E	7	DAT.	B. Westbrook	B. ARMSTRONG	3	1	77	3	95	1									180
9	2UT	27	MAZDA	G. Bell*	B. JACKAMEIT*	2	14	73	5	96	17									207
10	8E	21	DAT.	L. Wells	T. Blot	10	0	78	16	99	5									208
11	3U	12	HONDA	B. Stout	L. JENNINGS*	20	15	10	59	103	46									253
12	4U	9	Audi	Libby Wells	S. Hunter	200	7	68	50	1	55									381
13	5U	4	MAZDA	C. Dabney	A. ARMSTRONG	200	3	73	3	101	4									384
14	9E	23	POR.	B. CHVALA	J. CHVALA	200	16	73	14	100	1									404
15	1RT	1	HONDA	B. Hunter	G. EBERHARD	200	2	36	52	80	55									425
16	2RT	22	Olds	J. Adams	S. Adams	62	75	138	18	45	112									450
17	6U	11	Volvo	L. Parsley	B. PARSLEY	158	3	200	17	54	23									455
18	7U	13	Chev.	C. Edwards	K. Edwards	200	103	74	11	60	14									462
19	10E	3	DAT.	S. Powell	N. Dickinson	200	77	76	0	100	11									464
20	3RT	16	POR.	G. SIMMONS	B. McAllister	200	172	83	11	90	53									609
21	4R	28	DAT.	M. NOVACK*	A. BROWN	200	200	175	42	60	4									681
22	5R	6	PONT.	M. NEWSOME	C. SIMMONS*	200	32	131	198	27	114									702
23	6R	24	PONT.	R. CHVALA	S. Wolcott*	200	200	120	67	50	84									721

Deliver 1 copy to each of the following within 1 week of the close of the event: Club Secretary, Editor of Checkpoints, and non-club member participants.

* NON-VMSO

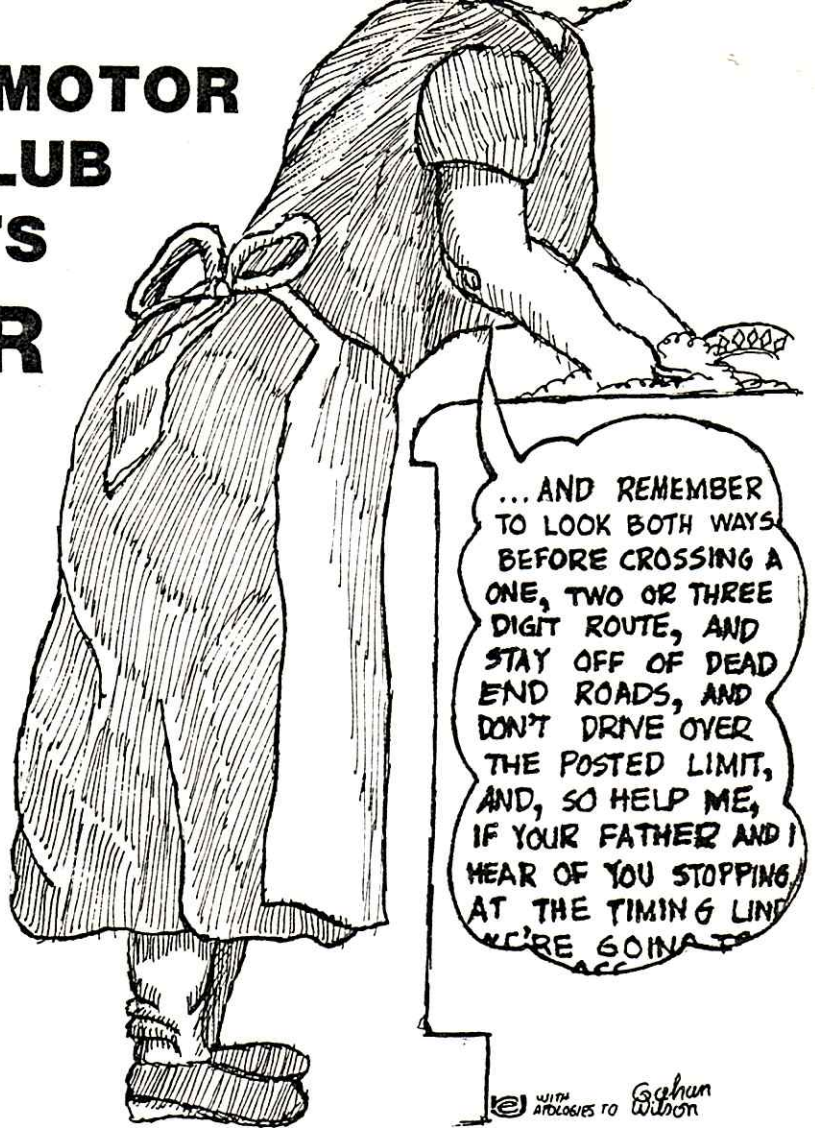


VIRGINIA MOTOR SPORT CLUB PRESENTS

YOUR MOTHER WOULD LIKE THIS RALLY

SUNDAY

**MARCH 29,
1981**



... AND REMEMBER
TO LOOK BOTH WAYS
BEFORE CROSSING A
ONE, TWO OR THREE
DIGIT ROUTE, AND
STAY OFF OF DEAD
END ROADS, AND
DON'T DRIVE OVER
THE POSTED LIMIT,
AND, SO HELP ME,
IF YOUR FATHER AND I
HEAR OF YOU STOPPING
AT THE TIMING LINE
WE'RE GOING TO
ACC

A very simple rally for beginners!

Starts and ends at Tuckernuck Shopping Center on Rt. 250 (Broad Street) west of Parham Road.
Total length is approximately 75 miles. No dirt.

Registration opens at 11:00 a.m. First car off at 12:31.

Cost - \$6.00 per team -- entries limited to unequipped and rookie classes only (no computers permitted).

Expanded Trophy Positions -- one trophy and/or dash plaque awarded for every five cars in a class.

For pre-registration call 804-288-0174.

A drawing for starting numbers will be held on Friday, March 13 for those who have registered prior to that date. (After March 13, you will be assigned the earliest available number upon pre-registering)

All equipped teams are invited to the gala \$2.00 per-team-winner-take-all-official-pre-check-challenge run to be held on Sunday, March 8 (Snow date March 22). Contact either rallymaster for details (or just show up on March 8 at 11:30 with your computer and \$2.00).

Novice crews requiring additional information or advice may contact the Rallymaster by calling:

Dick Jones -- 804-784-4373

Gary Stout -- 804-288-0174

VIRGINIA MOTOR SPORT CLUB

1981 Rally Schedule

<u>Day</u>	<u>Date</u>	<u>OD's</u>	<u>Official Precheckers</u>	<u>Miscellaneous Info.</u>
Sun.	Feb. 22	Chris & Lil Young	Scott Powell & Neale Dickinson	
Sun.	Mar. 29	Dick Jones & Gary Stout	Equipped crews	novice rally--no equipped class
Sun.	May 3	Bill & Judy Chvala	Fred & Marian DeBardleben Barbara Stout & Linda Jennings	separate route instruc- tions for equipped and unequipped crews
Sun.	June 14	Doc & Rita Wagner	Dick Jones & Gary Stout	starts in Fredericksburg, Va.
Sat.	July 25	Bill Hunter & Gerry Eberhard	Bookie Westbrook & Bill Armstrong	picnic rally--ends with overnight camping at Westmoreland State Park
Sun.	Aug. 23	Wilt & Barbara Greenwood Fred & Marian DeBardleben	Tom Blot & Len Wells Bill & Judy Chvala	revival of the eight hour rally
Sun.	Sept. 27	Len Wells & Lewis Parsley	Wilt & Barbara Greenwood	
Sun.	Oct. 25	Peter Wilson & John DeBardleben	Lewis Parsley & partner	
Sat. & Sun.	Nov. 14 & 15	Bookie Westbrook & Bill Armstrong	Peter Wilson & partner Alan Armstrong & Chuck Dabney	23rd Old Dominion
Sun.	Dec. 6	Scott Powell & Neale Dickinson	Chris & Lil Young David & Bay Milligan	
1982				
Sun.	Jan. 24	Unassigned		
Sun.	Feb. 21	Unassigned		

If you need further information or if you have suggestions regarding this schedule, please call me at (804)-883-6557.

Shelia Hunter

VMSC Outdoor Activities Chairman

VIRGINIA MOTOR SPORT CLUB

1981 Autocross Schedule

<u>Day</u>	<u>Date</u>	<u>OD's</u>	<u>Location</u>
Sun.	Mar. 15	Bill Hunter & Ellis Wimmer	Thalhimers Westmoreland (Fun Runs First)
Sun.	Apr. 5	Libby Wells, Shelia Hunter & Barbara Stout	Chesterfield Mall
Sat. & Sun.	May 16 & 17 or May 30 & 31	Unassigned	Crewe, Virginia airstrip (tentative)
Sun.	June 28	Floyd Mills & Marvin Mills	Thalhimers Westmoreland
Sun.	July 12	Len Wells & Lewis Parsley	Southside Speedway
Sun.	Aug. 9	Bill Armstrong & Alan Armstrong	Thalhimers Westmoreland
Sun.	Sept. 13	Unassigned	Tentative
Sun.	Oct. 11	Scott Powell & Dick Jones	Thalhimers Westmoreland (Fun Runs First)

If you need further information or if you have suggestions regarding this schedule,
please call me at (804)-883-6557.

Shelia Hunter
VMSC Outdoor Activities Chairman

PROBLEM OF THE MONTH CONTEST
FEBRUARY PUZZLE

The puzzle for this month was suggested by an instruction in a recent rally. The instruction was never executed in the rally, but did prompt the question: How is the elapsed time figured when the speed is constantly changing? The two problems presented below are quite similar, but they are not the same. Each problem will be worth ten points for a correct solution or one point for an incorrect solution.

(1) You are traveling along your rally route at an average speed of 42 MPH. At official mileage 32.67 miles you begin execution of an instruction that reads: "Reduce your average speed by 0.5 MPH for every 0.10 miles traveled until you reach a checkpoint." You reach a checkpoint at an official mileage of 37.03 miles. What is your elapsed time from when you began execution of the instruction until you reached the checkpoint?

(2) You are traveling along your rally route at an average speed of 42 MPH. At official mileage 32.67 miles you begin execution of an instruction that reads: "Reduce your average speed by 0.5 MPH for every 0.15 minutes traveled until you reach a checkpoint." You reach a checkpoint at an official mileage of 37.03 miles. What is your elapsed time from when you began execution of the instruction until you reached the checkpoint?

Send your solutions to one of the editors at the addresses shown on the back cover. Your solutions must reach the editors no later than Wednesday, March 4, 1981. Be sure to include your name and address with your solution.

SOLUTION TO THE JANUARY PROBLEM

The perfect arrival time is 2:55.38 PM EST. (OET is 22.38 minutes)

The sequence of events is as follows:

<u>TIME</u>	<u>CAR A</u>	<u>CAR B</u>	<u>YOU</u>	<u>REMARKS</u>
2:30.00	32.61 mi.	47.62 mi.	32.61 mi.	Car A leaves first checkpoint.
2:32.00	33.61 mi.	47.62 mi.	32.61 mi.	Car B leaves second checkpoint.
2:33.00	34.11 mi.	46.62 mi.	32.61 mi.	You leave first checkpoint CAS 50
2:37.50	36.36 mi.	42.12 mi.	36.36 mi.	You pass car A CAS 45 (2)
2:40.38	37.80 mi.	39.24 mi.	38.52 mi.	$\frac{1}{2}$ way between A & B CAS 60 (4)
2:40.74	37.98 mi.	38.88 mi.	38.88 mi.	You meet car B CAS 55 (3)
2:41.34	38.28 mi.	38.28 mi.	39.43 mi.	Car A meets car B CAS 35 (1)
2:55.38	45.30 mi.	24.24 mi.	47.62 mi.	You arrive at second checkpoint.

If you have any questions as to how I arrived at these figures, just ask me. (AJA)

CHANGE TO THE COMPETITION REGULATIONS

1. General. These competition regulations may not be modified by an Officer of the Day in an event's General Instructions except when the modification has the prior approval of the Second Vice President.



Presents...

WINTER CLOSE-OUT

March 15, 1981

Thalhimer Westmoreland
2000 Westmoreland St.
Richmond, Va.

Close-out winter with a fast and challenging autocross Oded by Bill Hunter and Ellis Wimmer. FUN RUNS FIRST to stretch your winter muscles and break the hibernation habit! \$1.00 each. Three Fun Runs allowed for each regular paid number registered, time permitting.

Registration and tech open at 9:00 a.m., first walk-thru at 9:15 a.m. First Fun Run at 9:30 a.m. Fun Runs without interruption until 11:45 a.m., then another walk-thru. First heat begins at 12:00 p.m. You'll be guaranteed at least one Fun Run but only if you register by 11:00 a.m.

Entry fee: \$5.00 for 3 runs. 1980 MWCSCC classes, modified to include camber compensation on swing-axle cars, and 1.75" minimum ground clearance. Exhaust suppression required.

OFFICIAL NOTES

The following changes to the by-laws were proposed to, and passed by the Board and will be voted on at the March regular meeting:

Change single member dues from \$10.00 to \$15.00
Change family member dues from \$15.00 to \$20.00
Change minor children dues from \$5.00 to \$7.50
Change half family dues from \$7.50 to \$10.00

It is proposed to have an autocross at Southside Speedway. If you have any strong feelings either way, show up at the February meeting and make your voice heard.

The March meeting, and all the rest of this years meetings will be held at Our Lady of Lourdes School on Woodman Road at 8:00 PM on the third Thursday of each month.

Fin & Feather

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in Fredricksburg.

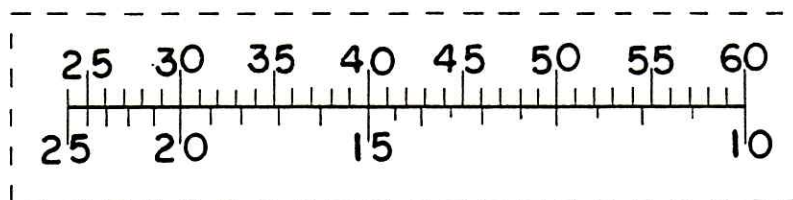
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1967 Plymouth Fury I.
Excellent gas mileage (10 to 15)
Few rust holes.
Mechanically sound.
Call Alan Armstrong 232-8252
(cheap \$400)

FOR WHAT IT'S WORTH DEPARTMENT

In view of the fact that most VMSC outmarkers are 0.10 miles from the timing line, I have prepared a quick reference adjacent scale graph for finding the time required to traverse 0.10 miles at speeds from 10 MPH to 60 MPH. To use the graph, find your speed along the scale and read the number opposite. For example, if your speed is 30 MPH (on the top scale), the time required to traverse 0.10 miles is 20 hundredths of a minute (on the bottom scale). Likewise, if your speed is 20 MPH (on the bottom scale) your time is 30 hundredths of a minute (on the top scale). Note that the top scale increases to the right while the bottom scale increases to the left. The scale is based on the equation: $SPEED \text{ (in mph)} \times TIME \text{ (in min./100)} = 600$.

So, just cut the graph out along the dashed lines and attach it to your dash, or some other convenient location, and, for what it's worth, there it is.



Noise from the Attic...

The "Problem of the Month Contest" has, at this writing, only received three (3) responses. Remember that the number of prizes will be determined by the number of people who enter. This month's problem is even easier than last month's, so send in those solutions. (The hard problems will come along later!)

The VMSC Bowling team is still alive and well. Although we are currently second from the bottom in the standings, we are a strong second from the bottom. We are much further ahead of the team below us than the next two teams above us are ahead of us. Thanks to Neale Dickinson for coming out to cheer us along. Neale's very helpful comments on our bowling techniques have already started to reap higher scratch scores.

One more solution for the January Problem just came in! Get your solutions in early. Avoid the end of the month rush!

Have a good month.

E. G. Bradley Inc.

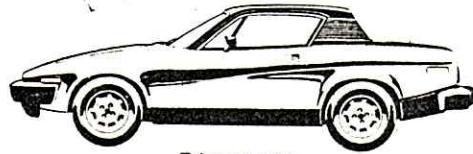
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SCCA NATIONAL CHAMPIONS



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THIRD CLASS

CHECKPOINTS is the monthly publication of the Virginia Motor Sport Club, Inc. It is mailed free to members and advertisers. Subscriptions to non-dues paying parties are \$6.00 per year. Deadline for contributions to the editors is the Saturday following the last Thursday of each month. Advertising rates are \$8.00 per month per $\frac{1}{4}$ page; \$45.00 per 6 months per $\frac{1}{4}$ page; and \$80.00 per year per $\frac{1}{4}$ page.

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