

NOR'WESTER

SCCA
PRO RALLY

ROUTE BOOK

1990 Norwester ENTRY LIST

May 19, 1990

1	Steven Roberts/Don Gibson	Bellevue, WA	1	RX7
2	John Christensen/Rod Chelgren	Edmonds, WA	1	RX7
3	Erik Thompson/Ben Bradley	Portland, OR	1	Volvo 142E
4	Joel Wright/Lynne Simons	Seattle, WA	1	RX3
5	Jim Stewart/TBA	Seattle, WA	1	Datsun 510
6	Tim Paterson/Penny Paterson	Renton, WA	1	RX7
7	Gene McCullough/TBA	Aberdeen, WA	1	Datsun 210
8	Koji Lin/Eugene Ong	Bellevue, WA	2	VW Golf
9	Lewis Tripp/Karen Tripp	Seattle, WA	2	Dodge Colt
10	John Vanlandingham/Doug Vanlandingham	Seattle, WA	2	Saab 96
11	Gary Caffroy/Dave Armstrong	North Bend, WA	2	Mazda RX3
12	Mark Simons/Kirk Simons	Buckley, WA	2	Toyota Corolla
13	Todd Hartmann/Kerry Knestis	Issaquah, WA	2	Audi 80
14	Scott Hartmann/Joseph McCarthy	Issaquah, WA	2	VW GTI
15	Gary Michael/Noel Rydbox	Olympia, WA	2	BMW 2002
16	Norberto Gomez/TBA		2	
17	Rick DeLaWare/Pete Yeeles	Everett, WA	2	Opel Manta
18	Richard Simmons/TBA	Seattle, WA	2	Datsun 510
19	Steven Walker/David Lowe	Bellevue, WA	3	Datsun 510
20	George Heiskell/Robin Heiskell	Seattle, WA	3	VW Rabbit
21	Michael Oleson/Clairice Keostra	Lynnwood, WA	3	Mitsu Colt
22	John Sparks/Don Schroeder	Portland, OR	3	Fiesta
23	Lucinda Strub/Matt Sweeney	N. Hollywood, CA	3	Toyota Pick-up
24	Rick Hintz/TBA		3	
25	Pete Bristow/Robb Lane	Federal Way, WA	3	Fiat 131
26	Amity Trowbridge/Sean Tennis	Seattle, WA	3	Saab 99

1990 NOR'WESTER - FINAL SCHEDULE

STAGE	FIRST CAR	STAGE MILES	TRANSIT MILES	TOTAL MILES
Start-Capital Coachman	4:00		13.65	
1) TAYLOR TOWNE	4:30	9.34	4.78	
2) STUMP LAKE	5:10	8.59	5.58	27.77
3) PANHANDLE LAKE	5:50	11.54	6.46	
Service Break	6:30	-----	10.73	59.94
4) TAYLOR TOWNE	8:00	9.34	4.78	
5) STUMP LAKE	8:40	8.59	5.58	84.79
6) PANHANDLE LAKE	9:20	11.54	6.46	
Finish - Nimrod Hall	10:00		(8.78)	116.96
Awards - Frank-Lin's Beef & Grog	12:00			
TOTAL RALLY MILES:		STAGE	TRANSIT	ALL
		58.94	58.02	116.96



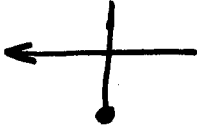


TRANSIT

FROM: CAPITAL COACHMAN

TO: TAYLOR TOWNE

MILES: 13.54

TIME ALLOWANCE (MIN.) 30

REF	DISTANCE		TULIP	INFORMATION	DECRE. MILES
	ACCUM.	INCRM.			
				Welcome to the 1990 Nor'wester. You have 30 minutes to reach the Taylor Towne stage 13.54 miles from the start here at Capital Coachman in Olympia.	
1	0.00		 	STOP	13.54
2	.39	.39		"BLACK LK" At signal	13.15
3	.56	.17		ONTO 101 North	12.98
4	1.99	1.43		"364"	11.55
5	4.00	2.01		"362"	9.54
6	4.36	.36		101 NORTH toward SHELTON	9.18
7	5.86	1.50		"360"	7.68

DISTANCE	2.01
INSTRUCTION	

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REF	DISTANCE		TULIP	INFORMATION	DECRE. MILES
	ACCUM.	INCRM.			
8	7.87	2.01		"358"	5.67
9	9.87	2.00		"356"	3.67
10	11.86	1.99		"354"	1.68
11	13.27	1.41		"TEXACO" (Lynch Rd)	.27
12	13.31	.04		ONTO GRAVEL	.23
13	13.54	.23		END OF TRANSIT	
DISTANCE TO NEXT INSTRUCTION		.11			



NOR'WESTER PRO RALLY









REF	DISTANCE		TULIP	INFORMATION	DECRE. MILES
	ACCUM.	INCRM.			
9	3.84	.18		"SIMPSON"	5.50
10	4.65	.81			4.69
11	5.24	.59		"3090"	4.10
12	5.53	.29		"3087"	3.81
13	6.12	.59			3.22
14	6.56	.44		"3080" Narrow!	2.78
15	6.98	.42		Rough next.06	2.36
16	7.17	.19			2.17
DISTANCE TO NEXT SECTION		.30			







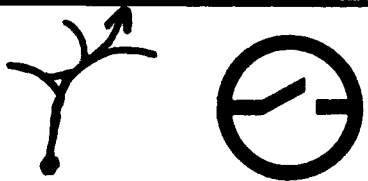


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REF	DISTANCE		TULIP	INFORMATION	DECRE. MILES
	ACCUM.	INCRM.			
17	7.47	.30			1.87
18	8.00	.53	 !!	NARROW BRIDGE	1.34
19	9.21	1.21		"3040"	.13
20	9.34	.13		END STAGE	
21	9.41	.07	 	TIME "3044"	
DISTANCE TO NEXT SECTION		.05			

TRANSIT
 FROM: TAYLOR TOWNE
 TO: STUMP LAKE
 MILES: 4.66 TIME ALLOWANCE (MIN.) ~~30~~ 40

REF	DISTANCE		TULIP	INFORMATION	DECRE. MILES
	ACCUM.	INCRM.			
1	9.46	.05		START TRANSIT	4.66
2	9.72	.26		QUIET ZONE for 1.10 miles	4.40
3	10.49	.77			3.63
4	10.86	.37		STOP	3.26
5	11.45	.59		BRIDGE	2.67
6	13.23	1.78		Onto Gravel "PRIVATE ROAD"	.89
7	13.83	.60			.29
8	14.12	.29		END TRANSIT	

DISTANCE TO NEXT INSTRUCTION .18

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STAGE
TITLE: STUMP LAKE

NUMBER:

MILES: 8.63

MPL TIME: 20 min.



REF	DISTANCE		TULIP	INFORMATION	DECRE. MILES
	ACCUM.	INCRM.			
1	14.30 0.00			START STAGE	8.63
2	.65	.65			7.98
3	1.01	.36			7.62
4	1.49	.48			7.14
5	1.86	.37		"3320"	6.77
6	3.11	1.25			5.52
7	3.18	.07			5.45
8	3.92	.74			4.71
DISTANCE TO NEXT INSTRUCTION		.26			

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REF	DISTANCE		TULIP	INFORMATION	DECRE. MILES
	ACCUM.	INCRM.			
9	4.18	.26			4.45
10	4.96	.78			3.67
11	5.21	.25			3.42
12	5.45	.24			3.18
13	5.69	.24			2.94
14	6.01	.32			2.62
15	6.13	.12			2.50
16	7.17	1.04		"3410"	1.46
DISTANCE TO NEXT INSTRUCTION		.92			




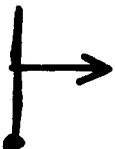


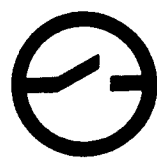


NOR'WESTER PRO RALLY



REF	DISTANCE		TULIP	INFORMATION	DECRE. MILES
	ACCUM.	INCRM.			
17	8.09	.92			.54
18	8.21	.12			.42
19	8.63	.42		END STAGE	
20	8.67	.04			
21	8.70	.03		TIME ("3410-3400")	
DISTANCE TO NEXT INSTRUCTION		.05			

TRANSIT
 FROM: STUMP LAKE
 TO: PANHANDLE LAKE
 MILES: 5.42 TIME ALLOWANCE (MIN.) 20

REF	DISTANCE		TULIP	INFORMATION	DECRE. MILES
	ACCUM.	INCRM.			
1	8.75	.05		START TRANSIT Quiet Zone for .90 mile	5.42
2	9.65	.90		BRIDGE	4.52
3	10.01	.36		STOP (Lost Lake Rd)	4.16
4	11.74	1.73		"SHELTON ELMA" Route open for service to mile 14.17	2.43
5	13.93	2.19		"↖" Onto Gravel	.24
6	14.17	.24	 	End of Transit "4810"	

DISTANCE TO NEXT INSTRUCTION .04

NOR'WESTER
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STAGE

TITLE: PANHANDLE LAKE

NUMBER:

MILES: 11.54

MPL TIME: 20 min



REF	DISTANCE		TULIP	INFORMATION	DECRE. MILES
	ACCUM.	INCRM.			
1	14.21 0.00	.04		STAGE START	11.54
2	.25	.25		"4820"	11.29
3	1.00	.75		"5160"	10.54
4	1.35	.35			10.19
5	1.82	.47		"5100"	9.72
6	1.93	.11		"5170"	9.61
7	3.47	1.54			8.07
8	4.07	.60		Caution - Bridge Exiting Corner	7.47
DISTANCE TO NEXT INSTRUCTION		.71			

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4.72 L / over Crest

REF	DISTANCE		TULIP	INFORMATION	DECRE. MILES
	ACCUM.	INCRM.			
9	4.78	.71		STAY ON MAIN ROAD !	6.76
10	5.47	.69		"5100"	6.07
11	5.74	.27		BRIDGE	5.80
12	5.96	.22		BRIDGE	5.58
13	6.41	.45		"5580"	5.13
14	6.59	.18		ROUGH	4.95
15	6.89	.30			4.65
16	7.07	.18			4.47
DISTANCE TO NEXT INSTRUCTION		1.08			


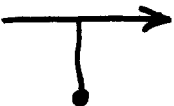

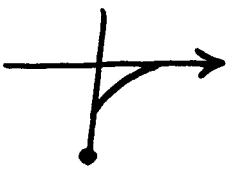
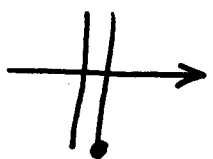

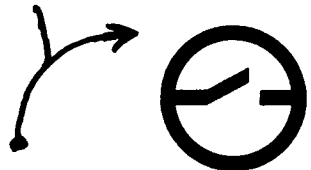


NOR'WESTER PRO RALLY



REF	DISTANCE		TULIP	INFORMATION	DECRE. MILES
	ACCUM.	INCRM.			
17	8.15	1.08			3.39
18	9.92	1.77		"5500"	1.62
19	10.65	.73			.89
20	11.54	.89		END STAGE	
21	11.70	.16		TIME	
DISTANCE TO NEXT INSTRUCTION		.06			

TRANSIT
 FROM: *Panhandle Lake*
 TO: *Taylor Towne*
 MILES: *17.03* TIME ALLOWANCE (MIN.) *80*

REF	DISTANCE		TULIP	INFORMATION	DECRE. MILES
	ACCUM.	INCRM.			
1	11.76	.06		START TRANSIT	16.97
2	11.88	.12		Onto Pavement - Quiet Zone for 1.4 miles	16.85
3	18.00	6.12		NIMROD HALL on left -	10.73
<p>NOTE: The official notice board and scores as completed will be available at the Nimrod Hall. There is no MTC, and the route is open for service from mile 17.50 to 28.50 if you wish to service elsewhere</p>					
4	23.53	5.53		Onto 101 South toward Olympia	5.20
5	28.47	4.94		"TEXACO" (Lynch Rd)	.26
6	28.50	.03		Onto Gravel	.23
7	28.73	.23		End of Transit	

DISTANCE TO NEXT INSTRUCTION .11



STAGE TITLE: **TAYLOR TOWNE**
 NUMBER: **1**
 MILES: **9.34** MPL TIME: **20 min.**

REF	DISTANCE		TULIP	INFORMATION	DECRE. MILES
	ACCUM.	INCRM.			
1	28.84 0.00			START STAGE	9.34
2	.45	.45		"2915"	8.89
3	.99	.54		"2920" (Spectator)	8.35
4	1.88	.89			7.46
5	2.38	.50		"2940"	6.96
6	2.76	.38			6.58
7	3.05	.29			6.29
8	3.66	.61		Downhill !	5.68

DISTANCE TO NEXT INSTRUCTION: **.18**

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REF	DISTANCE		TULIP	INFORMATION	DECRE. MILES
	ACCUM.	INCRM.			
9	3.84	.18		"SIMPSON"	5.50
10	4.65	.81			4.69
11	5.24	.59		"3090"	4.10
12	5.53	.29		"3087"	3.81
13	6.12	.59			3.22
14	6.56	.44		"3080" Narrow!	2.78
15	6.98	.42		Rough next.06	2.36
16	7.17	.19			2.17
DISTANCE TO NEXT INSTRUCTION		.30			



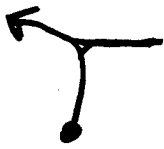



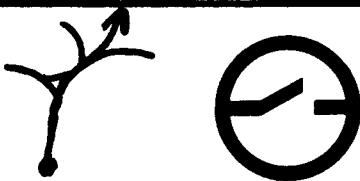


NOR'WESTER PRO RALLY



REF	DISTANCE		TULIP	INFORMATION	DECRE. MILES
	ACCUM.	INCRM.			
17	7.47	.30			1.87
18	8.00	.53	!!	NARROW BRIDGE	1.34
19	9.21	1.21		"3040"	.13
20	9.34	.13		END STAGE	
21	9.41	.07		TIME "3044"	
DISTANCE TO NEXT INSTRUCTION		.05			

TRANSIT
 FROM: TAYLOR TOWNE
 TO: STUMP LAKE
 MILES: 4.66 TIME ALLOWANCE (MIN.) 20

REF	DISTANCE		TULIP	INFORMATION	DECRE. MILES
	ACCUM.	INCRM.			
1	9.46	.05		START TRANSIT	4.66
2	9.72	.26		QUIET ZONE for 1.10 miles	4.40
3	10.49	.77			3.63
4	10.86	.37		STOP	3.26
5	11.45	.59		BRIDGE	2.67
6	13.23	1.78		Onto Gravel "PRIVATE ROAD"	.89
7	13.83	.60			.29
8	14.12	.29		END TRANSIT	

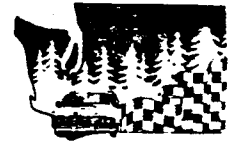
DISTANCE TO NEXT INSTRUCTION .18

STAGE
TITLE: **STUMP LAKE**

NUMBER:

MILES: **8.63**

MPL TIME: **20 min.**



REF	DISTANCE		TULIP	INFORMATION	DECRE. MILES
	ACCUM.	INCRM.			
1	14.30 0.00			START STAGE	8.63
2	.65	.65			7.98
3	1.01	.36			7.62
4	1.49	.48			7.14
5	1.86	.37		"3320"	6.77
6	3.11	1.25			5.52
7	3.18	.07			5.45
8	3.92	.74			4.71

DISTANCE TO NEXT INSTRUCTION **.26**

**NOR'WESTER
PRO RALLY**





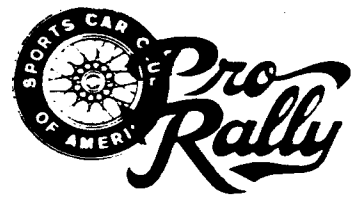
NOR'WESTER PRO RALLY



REF	DISTANCE		TULIP	INFORMATION	DECRE. MILES
	ACCUM.	INCRM.			
9	4.18	.26			4.45
10	4.96	.78			3.67
11	5.21	.25		!	3.42
12	5.45	.24			3.18
13	5.69	.24			2.94
14	6.01	.32			2.62
15	6.13	.12			2.50
16	7.17	1.04		"3410"	1.46
DISTANCE TO NEXT INSTRUCTION		.92			




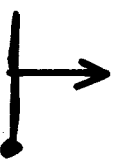





NOR'WESTER PRO RALLY



REF	DISTANCE		TULIP	INFORMATION	DECRE. MILES
	ACCUM.	INCRM.			
17	8.09	.92			.54
18	8.21	.12			.42
19	8.63	.42		END STAGE	
20	8.67	.04			
21	8.70	.03		TIME ("3410.3400")	
DISTANCE TO NEXT INSTRUCTION		.05			

TRANSIT
 FROM: STUMP LAKE
 TO: PANHANDLE LAKE
 MILES: 5.42 TIME ALLOWANCE (MIN.) 20

REF	DISTANCE		TULIP	INFORMATION	DECRE. MILES
	ACCUM.	INCRM.			
1	8.75	.05		START TRANSIT Quiet Zone For .90 mile	5.42
2	9.65	.90		BRIDGE	4.52
3	10.01	.36		STOP (Lost Lake Rd)	4.16
4	11.74	1.73		"SHELTON ELMA" Route open for service to mile 14.17	2.43
5	13.93	2.19		"↵" Onto Gravel	.24
6	14.17	.24	 	End of Transit "4810"	

DISTANCE TO NEXT INSTRUCTION .04

NOR'WESTER
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STAGE

TITLE:

PANHANDLE LAKE

NUMBER:

MILES: 11.54

MPL TIME: 20 min



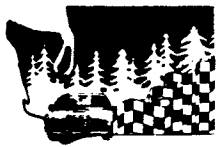
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REF	DISTANCE		TULIP	INFORMATION	DECRE. MILES
	ACCUM.	INCRM.			
1	14.21 0.00	.04		STAGE START	11.54
2	.25	.25		"4820"	11.29
3	1.00	.75		"5160"	10.54
4	1.35	.35			10.19
5	1.82	.47		"5100"	9.72
6	1.93	.11		"5170"	9.61
7	3.47	1.54			8.07
8	4.07	.60		Caution - Bridge Exiting Corner	7.47
DISTANCE TO NEXT INSTRUCTION		.71			

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REF	DISTANCE		TULIP	INFORMATION	DECRE. MILES
	ACCUM.	INCRM.			
9	4.78	.71		STAY ON MAIN ROAD !	6.76
10	5.47	.69		"5100"	6.07
11	5.74	.27		BRIDGE !	5.80
12	5.96	.22		BRIDGE !	5.58
13	6.41	.45		"5580"	5.13
14	6.59	.18		ROUGH	4.95
15	6.89	.30			4.65
16	7.07	.18			4.47
DISTANCE TO NEXT INSTRUCTION		1.08			





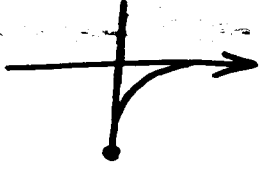





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REF	DISTANCE		TULIP	INFORMATION	DECRE. MILES
	ACCUM.	INCRM.			
17	8.15	1.08			3.39
18	9.92	1.77		"5500"	1.62
19	10.65	.73			.89
20	11.54	.89		END STAGE	
21	11.70	.16		TIME	
DISTANCE TO NEXT INSTRUCTION		.06			

TRANSIT
 FROM: Pauhaudle Lake
 TO: Finish
 MILES: 6.24 TIME ALLOWANCE (MIN.) 20

REF	DISTANCE		TULIP	INFORMATION	DECRE. MILES
	ACCUM.	INCRM.			
1	11.76	.06		START TRANSIT	6.24
2	11.88	.12		Onto Pavement	6.12
3	18.00	6.12	 	FINAL MTC at Nimrod Hall on L	
<p>NOTE: The final MTC and event finish is at the Nimrod Hall. Final scores and awards will be at Frank-Lin's at midnight if you wish to attend. They will serve dinner (& burgers, snack, etc) till midnight and will have live music (50's & 60's) and dancing in the lounge.</p>					
	23.53	5.53		Toward Olympia on 101 South	3.25
	25.71	2.18		Exit Toward Hwy 3 North	1.07
	25.86	.15		STOP	.92
	26.78	.92		"FRANK-LIN'S"	

DISTANCE TO NEXT INSTRUCTION

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NOR'WESTER

Supplementary Regulations

1990 Nor'wester

This event will be run according to the SCCA PRO Rally National Competition rules, Divisional Competition rules, and these Supplemental Regulations. Copies of the competition rules are available from the SCCA PRO Rally office: 9033 E Easter Place, Englewood, CO 80112

1. The Event

This Divisional PRO Rally is the 24th annual Nor'wester Rally organized by the Rainier Auto Sports Club and is sanctioned by the Northwest Region of the Sports Car Club of America. The sanction number is 90 Norpac -2-9 and qualifies for the 1990 Norpac Divisional Championship. The organizers wish to thank all of the workers and those helping to make this event possible.

2. Organizing Committee

Chairman	Mary Jo Czyzio	823-6936
Rallymaster	Jerry Hines	823-6343
Chief of Controls	Colleen Currid	881-8063
Safety Coordinator	Ed Millman	361-7389
Communication	Wayne Moddison	271-5314
Registration	Sheila Millman	361-7389
Scrutineer	Peter Linde	789-9287
Scoring	Bob Grass	824-4558
SCCA Event Steward	Gary Diebolt	889-9236
SCCA Divisional Steward	John Forespring	943-2191

3. Event Schedule May 19, 1990

Scrutineering and documentation Capital Coachman 2220 Carriage St SW Olympia, WA	1:00pm -3:00pm
Drivers meeting	3:00pm
Start - Capital Coachman	4:00pm
Service break	6:30pm

Restart
Finish - Nimrod Hall
Awards - Frank-Lins Beef and Grog
Shelton, WA

8:00pm
10:00pm
Midnight

4. Entry

Entry is open to all SCCA members holding current, valid Divisional or combined licenses. Previously unlicensed competitors must comply with DPRR 9A.

5. Scrutineering

Competitors must go through registration prior to sending their vehicles to scrutineering. Vehicles should be presented in a neat condition and ready to run the rally. Any illegal or unsafe helmets will be confiscated and held until the end of the event.

6. Controls

Controls will operate per NPRR 12.8 with the exception that FISA timing will apply. Competitors with questions should plan to attend the introductory seminar.

7. Service

Servicing (repairs or assistance given by a service crew or of a pre-arranged nature) may only be conducted by registered crews and only at the designated times and locations as detailed on the service route. Each service crew member must register and sign a waiver prior to the start and is expected to be familiar with the rules and penalties set forth in the 1990 PRD Rally Rules.

8. Scoring and Penalties

- | | |
|------------|---|
| 1 point | For each second on a special stage. |
| 60 points | For each whole or part of a minute early at a Arrival or Main Time Control. |
| 60 points | For each whole or part of a minute late at a Arrival or Main Time Control. |
| 300 points | Failure by either the rally vehicle or the service vehicle to stop at an Observation Control. |
| 300 points | Unsportsmanlike conduct. |

The following will result in exclusion from the event.

Speeding violation by a rallist or service crew.

Failure to follow to follow Emergency Procedures as outlined in NPRR 12.14

Refusal to act as directed by a Rally Official.

Accumulating more than 30 minutes of MPL or 15 minutes of MPE.

9. Odometer Calibration

Official mileages were taken by a Terratrip 303 connected to the left front wheel of an 1986 Audi 5000CS Quattro, tires 205/60 HR15 Goodyear Eagle M & S. An official odo calibration section will be available at registration.

10. Definitions

Quiet Zone Proceed through quiet zone at 25mph maximum using low beam lights only.

11. Route

The route follows the main road whenever an instruction does not apply. The route is considered open once the pace car has traversed the stage.

The official notice board will be located at Capital Coachman prior to the start and thereafter at the Nimrod Hall. Any alternate route, notification of changes etc. will be in writing and must be signed by either the Event Steward, Chairman, Rallymaster or the Chief of Controls.

12. General

1. If a competitor is disabled on a special stage, the official car arriving on the scene may require the driver and co-driver to fill out a report. This will help the officials coordinate assistance whether it is medical or a message to a service crew.

2. In an EMERGENCY any control location or official may be reached through the Ham Radio communication system.

3. If you DNF please notify a rally official.

4. DO NOT leave an unattended car in the woods.

5. The organizer reserves the right to modify these regulations by means of a drivers bulletin.





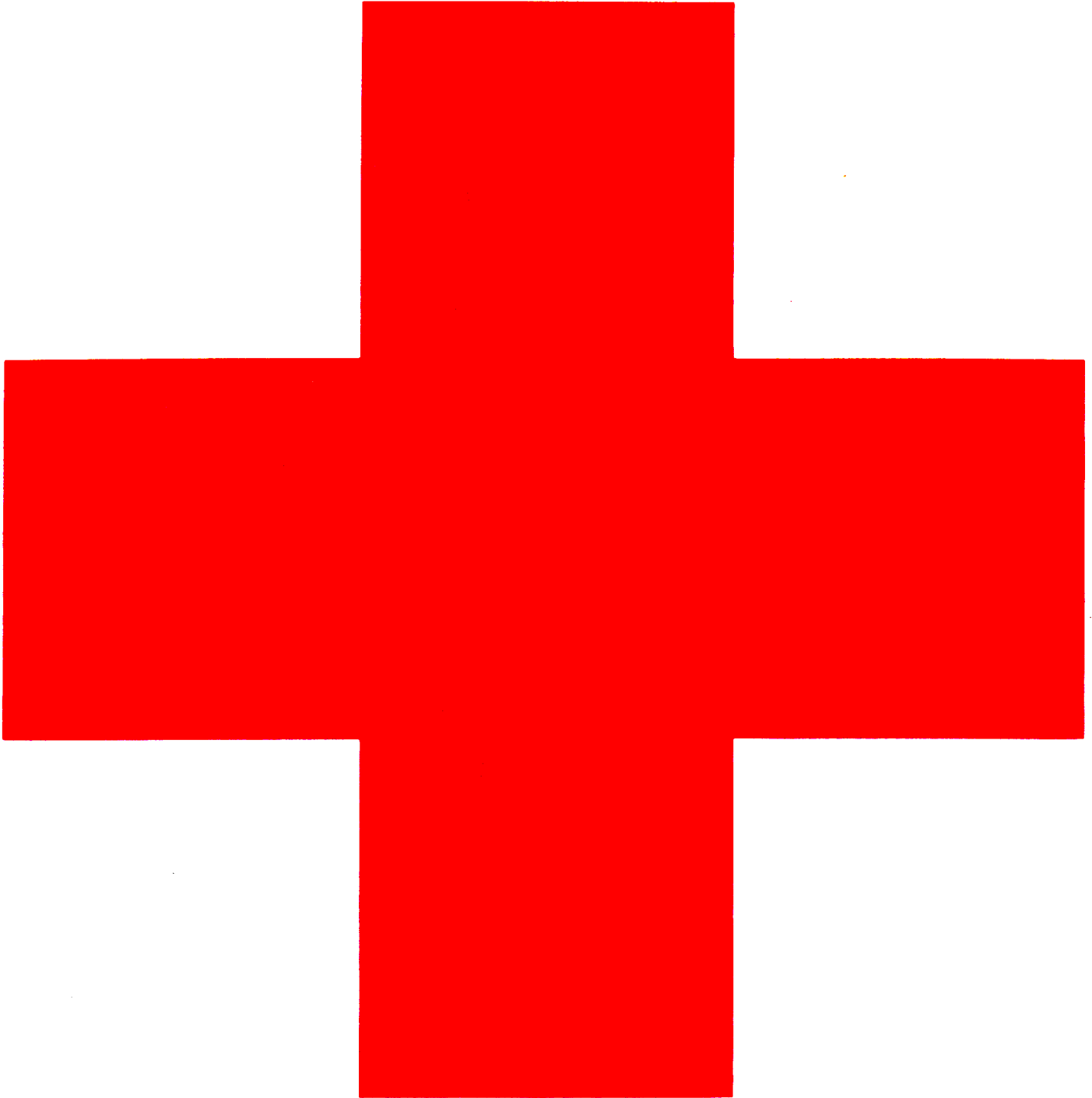
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THIS RED CROSS IS TO BE DISPLAYED TO RALLY TRAFFIC BY
A CREW MEMBER IF THERE IS A MEDICAL EMERGENCY
THAT REQUIRES IMMEDIATE ATTENTION BY QUALIFIED
PERSONNEL OR A PHYSICIAN.



IMPROPER USE OF THIS RED CROSS MAY BE CAUSE
FOR EXCLUSION FROM THE EVENT.