

GENERAL Instructions

Road Rallye in
Mauch Chunk



Jim Thorpe, PA

all proceeds to
local charity



Driver and Navigator teams pit their skills over lonely
mountain roads and back-woods by-ways for score.



V1 - 10/19

MAUCH CHUNK ROAD RALLYE

MCRR

Driver /Navigator teams operate through scenic back wood byways for score. The rally covers 240 square miles of twisty mountain roads, pleasant valleys and vista views. Individual route legs stem out in clover leaf fashion from Jim Thorpe, Pennsylvania.

The MCRR is composed of two sections with two legs total along with an odometer run. Total miles for the day will be just under 100-miles.

Each section is ran using *Touring*, *Course* and *GTA* rally formats. Teams will operate with TSD information, GPS data, maps, NAVcards, as well as specific instructions contained with the Roadbook. Different aspects of navigation will be used but will have instructions given on how to perform navigational tasks.

Route legs are scored independently. The goal is to achieve the lowest point score by use of driving skill and precise navigation to avoid penalties and garner score credits. Solid teamwork wins the day.

Credo

Comradery – Spirit – Fair Play

The Mauch Chunk Road Rallye exists to promote comradship and connection in the overland rally community while supporting local emergency services.

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Teams

1.1 TEAMS

Teams are comprised of a driver and navigator with responsibilities assigned to each. Together they operate as a team.

Team members are permitted to switch positions between driver/navigator duties at a specified point. One person will be designated Team Leader and will represent the team. Passengers are permitted with prior approval.

Registered teams must provide a team name in good taste. Team number will be assigned and visible on the vehicle.

1.2 DRIVER

Drives the vehicle and operates vehicle controls. Responsible for the safe operation of the vehicle including following the posted speed limits and abiding by all traffic laws.

Communicate to navigator road conditions or other factors that may affect operation of the vehicle.

1.3 NAVIGATOR

Interprets Specific Instructions and performs navigation functions.

Communicate to driver all posted speed limits and any factors that may affect vehicle operation.

1.4 TEAM CLASS

~~Team classes are derived out of a combination the following criteria:~~

- ~~○ Driver and the navigator (combined) have competed in fewer than (5) rallies of any type.~~
- ~~○ Knowledge and use of Time Speed Distance (TSD) formula.~~
- ~~○ Knowledge and use of basic topo map reading and navigation techniques.~~
- ~~○ Knowledge and use of coordinate formats, magnetic compass use, azimuth.~~
- ~~○ Comprehend and apply detailed instructions.~~
- ~~○ GTA rally format experience.~~
- ~~○ Course rally format experience~~
- ~~○ Touring rally format experience~~

1.5 TEAM STANDARDS

To be eligible to participate in Overland NAVRally events as a Driver or Navigator, each team member must adhere to the following criteria:

- Maintain complete **safety & situational awareness** while operating.
- Driver possess a valid state drivers license to operate a motor vehicle.
- Abide by all traffic laws.
- Fully registered in the event with appropriate signed documents.
- Attend all required driver/navigator operator meetings.
- Adhere to good sportsmanship like conduct.

Vehicles

2.1 VEHICLE CLASS

~~Class S — State registered, licensed and insured motor vehicle.~~

~~Special S — Class S vehicle that is considered classic, antique, historic, or custom modified.~~

2.2 VEHICLE INSPECTION/NUMBER ASSIGNMENT

Applies to all vehicle entries:

Vehicle posses valid state registration and current insurance policy coverage.

MCRR certified vehicles will have a number assigned and visible from the exterior behind the B pillar or clearly from the dashboard.

The driver (or owner) of a vehicle participating in the MCRR which is involved in an incident resulting in personal injury or property damage of any kind must report the incident to the rally officials before the end of the event or as soon as practical thereafter.

Operation

3.1 RALLY MATERIAL

Competing teams will receive the following documents (as applicable):

- General Instructions (GI)
- Specific Instructions (SI)
 - ROADbook
 - NAVcard
 - NAVinst
 - Supplemental Transit Instructions (STI)
 - Route specific maps

Teams must provide the following gear:

- Gaia app installed on device (Gaia app - free download)
- Stop watch - 1/100th second
- Vehicle odometer
- ~~Compass~~

Optional navigational gear:

- Clip boards, pencils, highlighter, calculator
- Road maps (digital or paper) coverage: 13-mile radius from Jim Thorpe
- Stop watch - 1/100th second (additional)
- unlimited optional gear

3.2 ROADBOOK

The ROADbook acts as the main rally document containing specific instructions for each section. A combination of four different rally formats will be used to guide the teams through each leg; tulip diagrams, relative bearing, map, and written instructions.

3.3 NAVcard and NAVinst

NAVcards are the navigation instructions to be performed over each route leg. Teams may perform some or all of these basic functions:

- Relative bearing
- Magnetic compass direction
- Record, save, and email a saved tracks on Gaia app
- Figure coordinate formats: DMS, DD, DDM, UTM
- Precise time keeping
- TSD calculations
- Plot position
- Direction figured from coordinate points

NAVinst is a basic instruction of how to perform certain navigation functions for the rally.

3.4 OPERATOR TEAM BRIEF

Drivers and Navigators are required to attend all scheduled Operators Meetings. Team Members and Team Vehicle will be certified to participate by rally officials and materials will be issued. Question and clarification period will be defined.

Course

4.1 SECTIONS and LEGS

The MCRR is divided into sections which can be viewed as time segments. Each section may have one or more route legs and/or transit instructions. The time period between sections is an opportunity to plan a short break or meet with rally officials.

An Off Course Stopper, (addressed during OP Brief) is the maximum distance between route instructions without official mileage. A callback mileage (the maximum distance to the next timing control) may be given for each leg of the rally. Contestants can consider themselves off the intended route if they exceed either of these distances.

Contestants can also consider themselves off the intended route if they encounter an intersection (such as a T) where there is no principal road and where no route-following action applies.

4.2 CONTROLS

Checkpoints will be off to the right side of the road as approached and identified by specific markings (example will be posted at registration). Contestants are to stop at checkpoints after passing the checkpoint sign.

Benchmarks are geographic locations referred to by letter designation. [BB, MP, ect]

Rally Control Points are official staging or assembly locations designated by a two letter code.

Hopelessly Lost Team Envelope instructions given for the return to a Rally Control Point.

Competition Rules

4.3 ROUTE FOLLOWING PRIORITIES

Instructions shall be executed in the following order:

- Official traffic signage
- Specific Instructions
- General Instructions

4.4 ROADS

The MCRR follows the principal road rule. Which is the obvious continuation through an intersection of the road upon which you are traveling.

At some intersections this principal road may be determined by pavement surface continuity, a curve warning sign, the center line on the pavement, the placement of a stop sign or a yield sign, the continuation of multiple lanes in your direction of travel (such as when you are upon a limited access highway), straight as possible, etc.

The **principal road will always be obvious**, and should cause no confusion. If you are to leave the principal road, or if there might be any doubt about which way you are to go, you will be given a route-following action.

If there are intersections at which there is no principal road, such as Ts. At such an intersection, the rally route will be determined by a route-following action.

The rally leg sections travel on public roads. For the purposes of this rally, no other roads exist, unless specifically stated otherwise.

Roads requiring an illegal entry, requiring an illegal turn, marked "KEEP OUT", "DEAD END", "NO OUTLET", "ROAD CLOSED", and private roads and driveways are **not to be considered as opportunities to turn** unless the Route Instruction tells you to do so.

4.5 SIGNAGE

Signs may be on left or right side of road and will always be directed to your flow of traffic.

Signs may be quoted in full or in part, however parts of words or parts of numbers will not be used. Quoted material in the route instructions refers to information on signs.

5.1 SCORE

The lowest numerical score wins the MCRR. Points are assigned as follows:

- 150 points for failure to complete each NAVcard as required
- 125 points for missing a control point or opening a Hopelessly Lost-Team Envelope
- 10 points for each second +/- the specified time to complete task
- 10 points for each .1 mile over/under official target mileage
- 50 points for all ancillary tasks not complete
- Bonus reduction as addressed during OP Brief

At the completion of the event, the scoring for each for each leg will be computed. After any adjustments to the scoring and after any legs have been discarded, the sum of the scoring penalties for each crew shall be determined. The team with the lowest score shall be declared the winner.

5.2 PENALTIES

Penalties are assessed for missing required controls, breaking rally rules, exceeding the posted speed limit, operating in an unsafe manner, and such items designated during the Operators Meeting.

5.3 TIME ALLOWANCE

Time allowance (TA) is a credit approved and given to adjust the teams overall score. The TA request must be submitted in writing and submitted at the conclusion of the route section applicable.

TA requests must be in increments of 30 seconds beginning with one-half minute (i.e., ½, 1½, 2½, etc.) up to a maximum of 19½ minutes per defined portion of the event.

Transit zones do provide for automatic time allowance.

No fault time allowance may be granted for certain instances out of the control of the team such as; abnormal road traffic or where as the team lost time due to no fault of their own.

5.4 DISQUALIFICATION

If a contestant is cited or given written warning by a law enforcement agency, or any of the following offenses, their team shall be disqualified:

- Dangerous or reckless driving
- Operating the vehicle in an unsafe or disruptive manner.
- Dishonesty - knowingly providing false information to officials.
- Acting unsportsman like towards event officials or participants.
- Accepting outside assistance while competing in the Overland NAV Rally.

Rally Schedule

6.1 SCHEDULE

0800	Registration opens
0830	Operator Team Brief
0845	Vehicles & teams to staging area
0900	Departure point – timed start
1400	Finish point - return
1430	Assemble at rally control point
	Official results and awards

6.2 AWARDS and SOCIAL GATHERING

An integral part of the MCRR is the social gathering with Teams, rally officials, and charity recipients. The **Rallye Finale** is where old and new connections are made bringing about comradery and evoking the spirit of the MCRR.

Rally support for the Emergency Service donation and recognition.

AWARDS

TOP OP - 1st place award winner to the top operator of their class by achieving lowest score.

Smooth Operator - 2nd place award achieving the second lowest score in their class.

DLBF – Dead Last But Finished awarded for accumulating the highest point score but finishing the entire rally.

All participants will receive recognition for completing the MCRR as well as entry gifts and swag.

Glossary Abbreviation

SO	Straight on	T	T-Junction
R	Turn Right	XR	Cross road
L	Turn Left	Y	Y-Junction
HR	Hard Right	SOL/R	Sign on right/left
HL	Hard Left	MBCSOL/R	Maybe considered SOL/R
AR	Acute Right	OM	Official mileage
AL	Acute Left	OIM	Official interval mileage
CAST	Change Average Speed To	T2	Turns Into
BR/BL	Bear R or L	NRS	No Road Sign
FYWL	Follow yellow <i>and/or</i> white line	OPP	Opportunity to perform action
PU	Pick up	TTU	Turns to un-paved
RIP	Reads in part	UNP	Road is unpaved
HTC	Hard to see	SIG	Traffic signal
ETR	Enjoy the Ride	BLK	Mono colored blinker

pull & fold for reference

pull & fold for reference

Symbols



Start



Caution



record distance



Finish



Double Caution



Bridge



Stop Point



Triple Caution



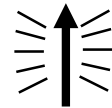
Curves



Transit



Rail Road Crossing



Crest



Time Control



Yield



Gravel



NAVcard



Stop Sign



End Timing



Speed Limit