

WEST MICHIGAN SAND DRAGWAY 2011 RULES

PREFACE

It is both the vehicle owner and driver's responsibility to maintain their vehicle. The Track's main responsibility is to provide a safe facility to conduct racing. Total cooperation between the driver and the track for the safety of each individual is of the utmost importance. Standards for safety are contained in this rulebook for the benefit of a safe race.

The rules and guidelines in this book are effective January 1, 2011, and shall remain in effect until revised by the Rules Committee or Track Official. Any amendments will be dated, posted, and added to this book. No warranties are expressed or implied to safety from the result of this publication. This book is solely for the purpose of setting guidelines for safety, conduct, and the sport of racing. It is not to be construed as a guarantee against injury or death to the spectator or participant. Each participant agrees to familiarize him/herself with the rules herein and agrees to be bound by same. Each participant further agrees to be bound by the decisions made by **WMSD**

The term "Participant" applies to anyone directly or indirectly associated with any competition vehicle on the premises, including owners, drivers and pit crews. In any dispute over the interpretation of any part of this Rule Book, the final interpretation of the Race Director's shall prevail in all cases. Any questions, disputes, or protests should be taken to your Bracket Representative first. If the Bracket Representative cannot answer the question, the bracket representative should take it to the Race Director for final decision.

It is the authority of WMSD to make decisions that shall include and cover every facet in connection with the track, conduct of the race, and behavior of the participants. It shall also include the right to suspend, bar, expel or disqualify anyone from any event, without liability of any kind or nature. In any dispute involving the interpretation of the rules, WMSD shall prevail. Any problems not covered by the rules will be ruled upon by WMSD. WMSD's race director will make all rulings and all rulings will be final.

Any person or group of persons that verbally or physically menace track officials will be permanently BARRED from any future events and dealt with in the harshest manner possible. This includes trashing or running down of WMSD.

Sand drags, unlike asphalt drags, are designed to be run on uneven sand or dirt tracks. In building, preparing, or modifying your vehicle for sand drag racing, a competitor should keep in mind that the track will try to maintain a suitable racing surface. However, there may be holes at the starting line or in the track surface, ridges down the track, uneven surfaces, or other debris on the track. These obstacles are not intended to make the race any more difficult, but are part of the sport. WMSD will endeavor to remove all the problems before the race. It is up to the individual to determine if the conditions are unsafe for their vehicle. It is the option of the racer to race or not.

GENERAL REGULATIONS

TIMING LIGHTS

WMSD will do it's best to keep the light beams at minimum 6 inches off the ground. The distance from the pre-stage beam to the stage beam is minimum 6 inches. From the stage beam to the start beam is 16 inches. From the start beam to the interim beam is 60-feet. From the start beam to the finish beam is 300-feet. Keep in mind the beam height will vary due to track grading during the racing event.

CAR NUMBERS

All contestants are required to have a vehicle number on right side and front of their vehicle where applicable. Paper plates will be issued temporarily, but a permanent professional number will be expected by the next event entered. High contrast, legible numbers will be required. You cannot race if the number is not easily visible from the tower. Regular point series numbers are available for \$20.00 each. Junior numbers for \$15.00. If you have a particular number that you want to use and don't want in the points series you can reserve it for \$5.00.

COMPETITION AGE REQUIREMENTS

Adult driver's minimum age is 16 years. Drivers 16-17 years of age must sign a minor waiver release form for each race. Junior drivers 10-16 years of age, Mighty Midget drivers 3-10 years of age, and all drivers 17 years of age and younger must sign a minor waiver release form for each race, and must be signed by at least one parent or adult guardian. An additional colored form will be made for 16-18 year olds. The racer will need to prove that he/she is 16 when moving from the Junior classes. (AGE DOCUMENTATION MUST BE PROVIDED BEFORE OR UPON THE JUNIOR RACER'S FIRST ENTRY OF A SEASON). If a driver turns 16 during the racing season, he/she may finish the year in Juniors for his/her points and on or after his/her birthday they may also run in the adults. Mighty Midgets who turn 10 years old during the race season may move up to the junior program. They may run both classes, however they must decide in what class they want to accumulate their points at the time of the switch.

DRIVERS' MEETING

All vehicles in competition at each race must be represented at the Driver's meeting by the driver and/or an Adult crew member. Drivers' meeting will be held after time trials and before the start of competition. A roll call may be held, and any vehicle not represented may be disqualified.

MULTIPLE ENTRIES

A driver may enter more than one bracket Two drivers cannot enter the same vehicle in the same bracket or one driver for more than one vehicle in same bracket

RECREATIONAL VEHICLES

Recreational riding of cars, trucks, cycles, ATVs, or any other vehicle is absolutely prohibited. All tow vehicles must display the race vehicle number that it is associated with. The racetrack is not for joy riding. That belongs in the dunes and out on the trails.
SPEED LIMIT AT WMSD IS 5 Mph

CLOTHING

All drivers must be fully clothed. Shirts must be at least 3/4 length sleeves (nylon prohibited) nylon melts, ankle-length pants, socks, and shoes. Hard-soled, over-the-ankle shoes are required for ATVs. Arm restraint requirements in class description.

EYE PROTECTION

Eye protection is mandatory in all brackets. Goggles, face shields, or full-factory windshields. Eyeglasses and sunglasses are not sufficient eye protection. In the case of factory windshields, it is recommended side windows be up or goggles/face shields MUST be worn in Modified and Comp only.

OCCUPANTS

Only the driver is permitted in the race car during time trials and competition. A passenger will only be allowed during test and tune or exhibition only if approved by the track director. Competent drivers must be in control of the race vehicle at all times anywhere on the facility. All tow vehicles must be handled by competent personnel. All passengers will be within the confines of the tow vehicle. ATV operators and passengers must be on the seat Proper clothing; sufficient eye protection and a helmet must be worn by passengers and they must sign the waiver.

ALCOHOLIC BEVERAGES & CONTROLLED SUBSTANCES

Drivers and crews may not consume alcoholic beverages or illegal drugs/substances while in competition. Anyone suspected of using illegal drugs/substances, drinking while in competition, and/or underage drinking at any time will be asked to leave the premises. Any driver that is noticeably intoxicated or otherwise unsafe to race will be disqualified on the spot, with no monies and points for that event

RUNNING RACE VEHICLE

A Competent Adult must be in or on the seat any time the vehicle motor is running.

DRIVER SUBSTITUTION

Driver changes in the middle of an event (i.e. rescheduled event) must be reported to the race director and be of valid nature. If a driver swap is initiated and not reported to the starter, the entry will be eliminated automatically from competition. The driver who qualified for any special event must be the driver for that event.

RACE PROCEDURES

ACTIVATION OF CHRISTMAS TREE

During eliminations, the tree may be activated manually by a starter at the starting line.

INDEXES

Indexes are in .10 of a second increments, i.e. 3.393 runs on 3.30 index. In index based classes the index time will be set from your best time trial run, i.e. 3.393 runs on a 3.30 index. Index classes are Pro Truck, Quick 8/16, & T/ E, Pro & Pro ATV indexed to .01

DIAL INS

You must set your dial-in within your class to the .001 of a second, i.e. 4.735 for a breakout at 4.734. You must dial within the bracket or index you want to run. Running an ET below junior classes of 6.00 seconds and 10:00 seconds will automatically disqualify the entrant

DIAL TIMES

Dial times will be taken during time trials, and must be in by the beginning of the Drivers' Meeting. If we do not have the dial times for any competitor by the deadline, you will not be in the competition. One dial time change is allowed per day during any event. If you need to change your dial time and the race Director is not available, there will be track official available that will make that change for you. This dial time change must be made before the first pair of your bracket stages.

FLASHING LIGHTS

If the emergency flashing lights on the Tree are activated, both drivers are to bring their engine to an idle and wait for instructions from the starter. Any vehicle proceeding down the track under a flashing red light is subject to a disqualification due to a possible safety hazard.

RED LIGHT

If both vehicles red light, the worse red light loses.

BREAKOUT

If a vehicle goes under its dial-in or index, it is a breakout and it loses, unless its opponent breaks out by more, red lights, or goes out of bounds. You may break out of your class except in Junior or Might Midget

BYE RUNS

Bye runs occur when there are an odd number of vehicles in a bracket They are a round of eliminations with points awarded for the pass. Bye runs are determined by ladders. Bye runs must be run.

SINGLE RUNS

Single runs occur when your opponent is unable to make the round. In situations where a driver is making a single or bye run, he/she is considered the winner once he/ she stages, receives the start, and breaks the start beam under its own power. The vehicle must stage under its own motor's power. If a competitor crosses the boundary line on a single run or bye run, the racer loses. An adult class racer cannot lose on a breakout Juniors may not run under the class ET limit

OUT OF BOUNDS

If the racer hits the guardrail or crosses the center line of cones, that racer loses. If both cars go out of bounds, they both lose; unless the Director determines that the second vehicle went out of bounds to avoid the first vehicle.

DELAY BOXES

Delay boxes are PROHIBITED in all classes. If a delay box is found in eliminations, you will be disqualified, lose all points and money for that race. If you are caught a second time, you will be disqualified, lose all money for that race, lose all points for that year. You will have to prove the box has been removed before you are allowed to race at WMSD again.

STAGING

Once a vehicle reaches the front of the staging lanes for a run, it must be ready to fire and race. If a vehicle has a malfunction, it has two minutes to get to the pre-stage area after being called from the staging lanes. If, after the two minutes it cannot make the call, its opponent will stage and make a single run. Once in the pre-staging area, you have 15 seconds to light the pre-stage. If both vehicles are in pre-stage and vehicle A pulls into final stage, Vehicle B has 15 seconds to light the pre-stage and then 7 seconds to final stage. If both vehicles are in pre-stage, either vehicle can pull into final stage, and then the other vehicle has 7 seconds to final stage. To be a legitimate race winner, a contestant's vehicle must self-start and self-stage. This rule also applies to single runs or bye runs, starting the beams under its own power. Push-starting or push-staging any vehicle is prohibited. The application or use of any device, mechanical or electronic, that permits the driver to ascertain the position of his/her vehicle in relation to the starting line, is prohibited. Only visual observation of track equipment may be used to ascertain the vehicle's position. No person other than the Track Official will be allowed on the track after the vehicle is in the pre-stage. No "burn-outs" allowed in staging area or pit area. All vehicles except T/F & T/E must start in the staging lanes & be running when called into the Pre-Stage area. T/F & T/E will be allowed to be guided into staging

LANE CHOICE

In the Top Fuel class, lane choice is determined by elapsed times. The driver with the better qualifying e.t. gets first-round lane choice, and in subsequent rounds, lane choice goes to the driver with the lowest e.t. in the previous round. All other classes will be luck of the draw. Top Fuel will be called to stage and held by the starter until thumbs up from both drivers, and then will proceed into the pre-stage and stage area. In the Quick 8/16 the fastest qualifier will get 1st round lane choice.

TRACK RECORDS

Track records must be set during a regular event in qualifying or competition. No backup is necessary. National record must be backed up within 2% at same event per NSRA. The vehicle will be required to go through tech immediately after run and before returning to pit area.

REFUNDS

Entry fees will not be refunded if a vehicle has staged once on a race day. If a vehicle breaks before staging for the first time on that race day, it will be eligible for a refund at the track owner's discretion; however, they will forfeit all points for that day. You will receive 10 points if you don't take a refund

TIME TRIAL INFORMATION

TIME TRIALS

Racers are given the opportunity to make two time trial runs per race. Time trial runs must be made in their appropriate sessions or the racer will forfeit their time trial. WMSD does not guarantee that an entry will get two time trial runs. It is the racer's responsibility to be in the staging lanes at appropriate times to ensure both runs. In the situation of a continued event on a different race day, racers will get ONE time trial run per class and be allowed to redial for the new day.

REGISTRATION

Racers may register Friday night or Saturday until 12:00 Noon. Registration will close at 12:00 Noon on race day. If a racer cannot make it to the track before that time, they may register at any time VIA phone to ensure they will be placed on their ladder. Pro classes must be here to make I qualifying pass before second time trials are closed.

TECHNICAL REGULATIONS

VEHICLE INSPECTIONS

All vehicles participating in a West Michigan Sand Dragway event must be inspected at its first entry of the current season. Any new vehicle must be inspected before it will be allowed to race. This inspection is to include safety equipment and requirements, frame construction, vehicle numbers, general vehicle soundness, etc. Compliance with the appropriate requirements is the sole responsibility of the driver and/or owner. It is not the responsibility of the race track or tech officials to ensure that an entrant has all the required equipment. After the original inspection, a record of this inspection will be kept by WMSD. Any structural or engine changes made to the vehicle must be re-inspected by WMSD. The responsibility of obtaining a vehicle inspection lies with the driver or owner of the vehicle. Spot inspections may be made at any time. The final determination of suitability of any vehicle entered at a WMSD event rests with WMSD officials. Random inspections will be done throughout the year.

GENERAL GUIDELINES

Driver Restraints

All 4-wheel stock bodied vehicles must have seat belts and/or shoulder harnesses. All open cockpit vehicles must have a minimum 4 point harness with quick release-type fastener. Belts must be securely fastened to the frame, cross member, or suitable reinforced mounting. All vehicles in the Pro Classes must have 5 point harness. Arm restraints may be required for any vehicle in competition at the discretion of the race director.

Roll Cages

All 4-wheeled vehicles, except those with stock steel cabs in sportsman classes and ATV's, must have an approved roll bar or cage that meets approval of the tech inspector. Cages must adequately protect the driver from all angles. Roll bar material must be of adequate strength to support the weight of the vehicle.

Kill Switches

All vehicles must have a positive kill switch within reach of the driver with safety harness fastened. A power shut-off switch on rear of vehicle is mandatory for all Pro Classes; recommended for all sportsman classes. All ATV's must be equipped with a working tether switch.

Throttle Linkage

All mechanical throttles must have positive return device (i.e. Return spring or toe hoop on throttle pedal). Suitability of any throttle linkage will be at the discretion of the tech inspector and/or race director. Dual springs are mandatory on the linkage. Hydraulic linkage prohibited. Pro vehicles must have toe loop.

Wheelie Bars

Required when deemed necessary by tech or race director and must support weight of the vehicle

TF & 3.19 and Faster TECHNICAL GUIDELINES

Supercharger

Supercharger restraints required. Supercharger bag recommended.

Engine

Any internal combustion engine allowed with any modification. Positive locking crankcase breathers (valve cover) mandatory.

Fuel System

No part of the fuel system may be mounted on firewall. Aftermarket fuel cell recommended. If mounted in rear, it must be vented to the outside of the body and equipped with a flash shield to isolate system from driver compartment. All front-mounted fuel systems must be mounted between frame rails. Fuel shut off mechanism must be clearly labeled and easily accessible by driver and SAFETY OFFICIAL.

Engine Mounts

Engine must be securely mounted to frame rails. Engine mounts should be minimum .25" thick.

Clutch/Flywheel

Flywheel and Clutch must be fully contained with shield or bell housing. No opening uncovered with bolt access only.

Brakes

Two-wheel brakes mandatory with dual master cylinder mounted above frame rails. Steel brake lines mandatory.

Chassis

All cars must use a full frame. Driver roll cage required. Throttle pedal must have secured foot safety loop. All linkages must be securely fastened. Steering column and cotter pins must be installed and secure.

Parachute

All entries must have a minimum of one usable parachute. Two parachutes are recommended. Safety pins must be flagged. A driver's consistent failure to deploy the parachute is considered unsafe operation of the vehicle and could be grounds for disqualification at the official's discretion.

Driver Restraint System

Three-inch, five point driver restraint system mandatory. No sharp edges within three inches of restraints. Arm restraints are mandatory. HANS or similar hand and neck restraint device recommended.

Protective Clothing

Jacket and pants or suit, gloves and boots/shoes with at minimum one layer flame retardant. Front engine vehicles require mask.

POINT SERIES RULES

Point Series Numbers

Point series numbers must be purchased to be eligible to receive points. Points stay with the car in the adult point series. If number is transferred to another car, all prior points will be forfeited. In Junior classes, points stay with the driver; the points will go in the class that the driver races the majority of events in. All classes except T/F & T/E are eligible to enter the points series.

Team Points

Each team will consist of 5 racers and 1 alternate racer. If one of the original 5 were to have engine breakage, crash, etc, the alternate would take over the spot on the team. The alternate's points for the rest of the season would be added to the existing points of the racer they are replacing. Only ONE change is allowed per season. The cutoff for submitting teams will be before the start of eliminations at race 3 of the season. No races will be dropped in team points.

Buying Points

If you are unable to attend a race, you can pay the entry fee for your class to receive the 10 points for that particular event. The deadline for buying is the next event following the race in question. You may buy points for one race only per year. Juniors can buy points for two races. You must let WMSD know before or no later than 12:00 noon the day of the missed race if you are buying points. The following points race date you will be required to pay before participating in the race.

Qualifying

If a racer does not qualify for Pro or Pro ATV, he/she may receive their 10 entry points. However, this racer has the option to refund \$30.00 of the \$65.00 entry fee while forfeiting points.

Points Structure

- 10- Entry
- 2 Points- Per round of competition
- 10 Points-Win (5 points for 4 or less, 0 points for 1 entry)
- 5 Points-Runner up *2nd place* (0 points for 3 or less)
- 10 Points-Bonus for racers entering ALL points series events.

Racers must break the stage beam under the car's own power to receive the two round points

CLASS STRUCTURE

TOP FUEL (\$125.00)

Any motor or car configuration, except ATV, any fuel.
Pro Light-Heads-Up Start (No points, No Trophy)
No Breakout
Pro Qualified Ladder
Must qualify 3.199 or better (once a race season)
Must time trial for placement on ladder
Parachute Required, 2 recommended, & must be deployed

QUICK 8/16 (\$75.00) 75% pay back 1st & 2nd Only (\$ 55.00 refund)

Any motor or car configuration, except ATV, any fuel.

Pro Staggered Light (No Trophy) Bubble car 100% refund
3.80 or Faster INDEXED to .10 (must qualify at each event)
Pro Qualified Ladder 1/5, 2/6, 3/7, 4/8; Fast qualifier – lane choice
Must have class size of 8 cars minimum (bigger races may go to 16)
Will run the 8 fastest qualifiers (16 fastest at the bigger races)

PRO (\$65.00)

Any motor or car configuration, except ATV, any fuel. 5-point harness required, arm restraints highly recommended

Full roll cage.
Pro Staggered Light
Breakout applies
Indexed to .01
2.999 to 4.599
Random Ladder

**PRO MODIFIED TRUCK (\$75.00) 75% pay back 1st & 2nd Only, Fast 8 of the day
(Recommended Performance Minimum)**

5-point harness required, arm restraints highly recommended
Full roll cage, Must Qualify from Pro Class
Pro Staggered Light (No Trophy)
Breakout applies
Must qualify on .10 index. (Index 4.449 base)
Pro Qualified Ladder 1/5, 2/6, 3/7, 4/8
Must have hood and fenders, Plastic bodies must resemble a jeep or truck
One or two seats
PTN rules will be set by Sponsors

PRO ATV (\$65.00)

You ride on it, not in it, same dress code & rules as ATV
Pro Staggered Light
Breakout applies
Must qualify 4.599 or faster Indexed to .01
Random Ladder
ATV Bash rules will be set by the Sponsor of the Event

SPORTSMAN 1 & 2 (\$50.00)

Any motor or car configuration, except ATV, any fuel.

Sportsman Staggered Light
Breakout applies
Dial-In 4.999 & Faster Sptsm 1, 5.000 & Slower Sptsm 2
Random Ladder

ATV (\$50.00)

You ride on it, not in it No time limits. 2-3- or 4-wheeled vehicles, no steering wheels, must have helmet, eye protection, 3/4 sleeves, over-ankle hard soled shoes, long pants, tether strap. No nylon, (nylon melts)

Sportsman Staggered Light
Breakout applies
Dial-In
Random Ladder

Mighty Midgets (\$20.00)

3 years of age to 10 years of age.
Parents are allowed to go into staging lanes with the child. No pushing off or lifting of vehicle.

Cannot run any faster than 10.00

Juniors ATV's and Junior Dragster (\$20.00)

10 years of age to 16 years of age
Junior class cannot run any faster than 6.00
Parents are not allowed in staging lanes

Top Eliminator (Run at Special Events) (\$110.00)

Any motor or car configuration, except ATV, any fuel. 5-point harness and arm restraints & parachute required. Full roll cage. The vehicle closest to the breakout, with out going under will get lane choice and/or the bye

Pro Staggered Light (No Points, No Trophy)
Pro Qualified Ladder
Break Out Applies
Must qualify on .10 index
Must Qualify 3.299 or faster (at each event) Parachute must be deployed

WMSD WILL BASE ALL PAYOUTS, UNLESS OTHERWISE SPECIFIED, AS LISTED BELOW ON "REGULAR PROGRAM" VEHICLE COUNT.

69 VEHICLES OR LESS FIXED PAYOUT

70 TO 100 vehicles	30%
101 to 135	35%
135 and Up	40%

3 TO 5 VEHICLES WILL PAY 1ST PLACE ONLY

6 TO 9 VEHICLES WILL PAY 1ST & 2ND PLACE

10 VEHICLES & UP WILL PAY 1ST, 2ND, & RUNNER UPS

**All special races payouts will be determined by the Sponsors & WMSD
1 or 2 Vehicles will be classified as Exhibition Only**

NO EXPRESSED OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM PUBLICATIONS OF OR COMPLIANCE WITH THESE RULES AND OR REGULATIONS. They are intended as a guide for the conduct of the sport and are in no way a guarantee against injury or death to a participant, spectator, or official. The RACE DIRECTOR shall be empowered to permit reasonable and appropriate deviation from any of the specifications herein or impose any further restrictions that in his opinion do not alter the minimum acceptable requirements. NO EXPRESSED OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM SUCH ALTERATION OF SPECIFICATIONS. Any interpretation or deviation of these rules is left to the discretion of the officials.

Their decision is final.