

# TEAM MEMBER RULES



## **BPCC 100 MINI NASCAR® RACE**

A SCHOLARSHIP FUNDRAISER OF THE BPCC FOUNDATION, INC.

RACE DATE: SEPTEMBER 24, 2016

2016 RULES ARE SUBJECT TO CHANGE. CONSULT RACE SITE [WWW.BPCC100.ORG](http://WWW.BPCC100.ORG) AND CLICK ON "TEAM RULES" FOR UPDATES.

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**RACE DATE: SEPTEMBER 24, 2016, 8AM – 4PM**

CAR INSPECTION & TEAMS COMPETITIONS: FRIDAY, SEPTEMBER 23, 2016

TEAMS MEETING/DINNER: THURSDAY, SEPTEMBER 8, 2016 AT 6:00PM

**Mandatory each team must be represented with at least captain & driver.**

Sponsored by: Silver Star Smokehouse, David Alvis – Owner

1201 Dixie Overland Road, Bossier City, LA 71111

RSVP to [dWASHINGTON@bpcc.edu](mailto:dWASHINGTON@bpcc.edu)

## Race Contacts

**Technical Director:** Trence McCoy: [trence.mccoy@bossierschools.org](mailto:trence.mccoy@bossierschools.org)

Teams Coordinator/Race Format: Sean Downing: : [sdowning@bpcc.edu](mailto:sdowning@bpcc.edu) or (318) 455-3391

Teams Orientation Chair: John Haigler: [john@thesimplechurch.tx](mailto:john@thesimplechurch.tx) or (318) 752-2244

Foundation Director: Stephanie Rogers: [srogers@bpcc.edu](mailto:srogers@bpcc.edu) or (318) 678-6185

Race Day Events Implementation: TBD

Race Marshal: TBD

\*Rules subject to revision by Technical Director.

## Introduction

1. All rules are written in the interest of safety and fairness for all participants. The 2016 BPCC Mini Go-Kart Race rules were written by a Rules Committee. For the 2016 Race, the Technical Director, **Trence McCoy**, is the single accountable individual with regard to the interpretation of the 2016 BPCC Mini Go-Kart Race rules. The cars used in the race are subject to technical inspection at all times.
2. Before and during the event, any questions on these rules should be directed to Technical Director.
3. ***If your team or any team member acts on rules advice given to them by any person other than Technical Director, your team is risking possibly disqualification from the event.***
4. Judgment rulings, during the event, will be made by the Technical Director, Event Director, Pit Steward, and Technical Support.

## Teams & Individual Conduct

IT IS THE RESPONSIBILITY OF EACH PARTICIPANT AND THEIR CREW MEMBERS TO CONDUCT THEMSELVES IN A SPORTSMANLIKE MANNER THROUGHOUT THE COURSE OF THIS EVENT. ANY INAPPROPRIATE CONDUCT DIRECTED TOWARDS EVENT OFFICIALS, FELLOW PARTICIPANTS OR SPECTATORS DEEMED UNSPORTSMANLIKE BY 2015 BPCC MINI GO-KART RACE OFFICIALS IS GROUNDS FOR EXPULSION FROM THE EVENT.

## Alcohol and Other Mood Altering Substances

Alcohol and/or chemical substances or the consumption of these items are **strictly prohibited** during or prior to any event. INDIVIDUALS EXHIBITING INTOXICATION OR THAT OF BEING UNDER THE INFLUENCE OF ANY MIND/MOOD ALTERING SUBSTANCE WILL NOT BE ALLOWED TO PARTICIPATE IN ANY ASPECT OF THE RACE. THE INTEGRITY OF THE EVENT WILL BE PROTECTED.

## **LOCATION OF CARS**

**ALL CARS WILL BE IMPOUNDED IN THE BPCG GYM ON FRIDAY NIGHT AFTER THE PIT CREW COMPETITIONS (NO EXCEPTIONS). ANY REPAIRS THAT MAY NEED TO BE COMPLETED MUST BE APPROVED BY THE TECHNICAL DIRECTOR, BUT MUST BE COMPLETED WITHIN THE CONFINES OF THE EVENT. CARS WILL NOT BE ALLOWED TO BE REMOVED FROM THE EVENT AREA FOR REPAIRS. CARS MUST REMAIN IN THE TEAM AREA ON SATURDAY UNTIL THE EVENT HAS CONCLUDED (NO EXCEPTIONS).**

## **DRIVERS/PIT CREWS**

1. Drivers and participants must be valid licensed drivers, at least 18 years of age.
2. Race teams will consist of **6 (six) persons: 1 driver, 1 alternate and 4 pit crew.** Any race team member can serve as a driver should the need arise.
3. Course perimeters, pit area and inspection areas will be restricted to approved team members or others as race officials may approve.
4. All team members and those with your team in the pit area must wear their Pit Access Badges at all times. Anyone in the pit area without a badge will be asked to leave the area. Due to space limitations, teams will be assigned a maximum of 18 Pit Access Badges.
5. All team participants must sign event insurance waivers and be appropriately registered prior to participating in any scheduled events. **NOTE:** If signed waivers are not received for the driver and alternate, they will not be allowed to drive under any circumstance during the event.
6. Any loose clothing, long hair or loose articles must be controlled and managed by the individual, to prevent being caught in vehicle moving parts.
7. All driving participants are required to wear the following minimum safety equipment during the race:
  - **LONG SLEEVE SHIRT, OR UNIFORM (NO SHORT SLEEVES) \*COVERALLS**
  - FULL LENGTH RACE UNIFORM
  - FULL LENGTH PANTS
  - FULL COVER SHOES \*NO OPEN TOE OR SANDAL STYLE SHOES
  - GLOVES AND **FULL FACE HELMETS** ARE REQUIRED IN ADDITION TO THE ABOVE LISTED EQUIPMENT.

During the actual race, the pit crew members (that are non-participating drivers) will be allowed to wear short sleeve shirts and shorts. (No open toe or sandal style shoes).

8. **Spectators are restricted to areas designated as spectator areas.** At no time are spectators allowed access to restricted race participant areas.

## VEHICLE RULES

1. Participating cars must be approved by race officials and race inspectors prior to the event.
2. All cars and car bodies must be approved by the BPC 100 Race Technical Director. This includes all BPC 100 competitions on and off campus.
3. Teams are encouraged to purchase spare parts well in advance and bring them to the race. The technical team will have spare parts available for purchase on site. BPC 100 Race Management will do everything possible to ensure you do not fall out of the race due to lack of parts, however some situations cannot be anticipated.
4. Teams are encouraged to have at least one individual with mechanical skills and tools to service their car. BPC 100 Race Management will do everything possible to ensure your team stays in the race, but please keep in mind that the technical team staff will be extremely busy and will only be available to assist if there is no other race related inspection / technical work being performed.
5. During pre-race technical inspection, only the designated crew chief may be present. Designed crew chiefs will be identified with a specific crew chief access badge. All other team members or anyone else associated with the team must remain in their designated pit area. Any questions or challenges about technical team rulings will be directed to the technical director. **AT NO TIME WILL TEAM MEMBERS ARGUE WITH OR CHALLENGE TECHNICAL TEAM MEMBERS.** The Technical Director has complete authority for disqualification or penalty rulings during technical inspection. PLEASE REMEMBER THAT THESE ARE VOLUNTEERS AND **THIS EVENT IS FOR CHARITY AND NOT FOR POLE POSITION AT THE DAYTONA 500!**

## CAR BODY RULES

1. Body profile must be unchanged and must remain in stock location as designed by Promo Karts. **ALL karts** must be purchased from (**or if pre-owned, approved by**) BPCC 100 Race Management.
2. Body hood may be cut or modified (for clearance of knees). A minimum of (36") inches of the original material as measured from the bottom of the front bumper to the windshield will remain intact. **(Figure A & B)** One and one half (1 ½ ") inches around wheel well may be removed **(Figure B)**.

NOTE: EXCESSIVE REMOVAL OF MATERIALS FOR THE EXPRESS PURPOSE OF WEIGHT REDUCTION IS PROHIBITED! Modifications to the body that would render it structurally unsound and/or provide an unfair advantage in competition will not be allowed.

3. Three (3") inch tall spoiler on rear must be made out of plastic or lexan (no metal, no sharp, square corners will be allowed.) Spoiler is optional.
4. Quarter window vent holes may be cut or drilled and must not exceed three (3") inches in diameter and may be covered with air scoop or louvers and are not to extend more than two (2") inches from body. Self-tapping screws around the windows will not be allowed; body rivets, bolts and nuts are okay. (One vent per side will be allowed).
5. Windows on the body must be covered. (lexan, mesh, etc.)
6. No sharp edges are allowed past ¼" of the outside of the body. This is to include any body mounting bolts/hardware.
7. A number is required on the front of the car body; right front corner; four (4") inches tall; high contrasting color; static eel may be used. **(Figure A)**
8. We encourage you to be as creative as possible with the paint scheme and design of your car. However, if your design will require either the removal of materials from the body and/or addition of materials to the body, please consult with the Technical Director before making any such modifications.

FIG: A

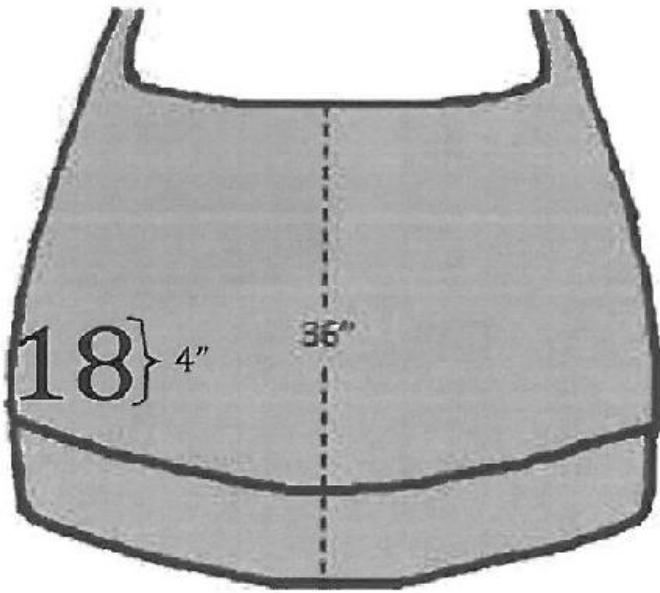
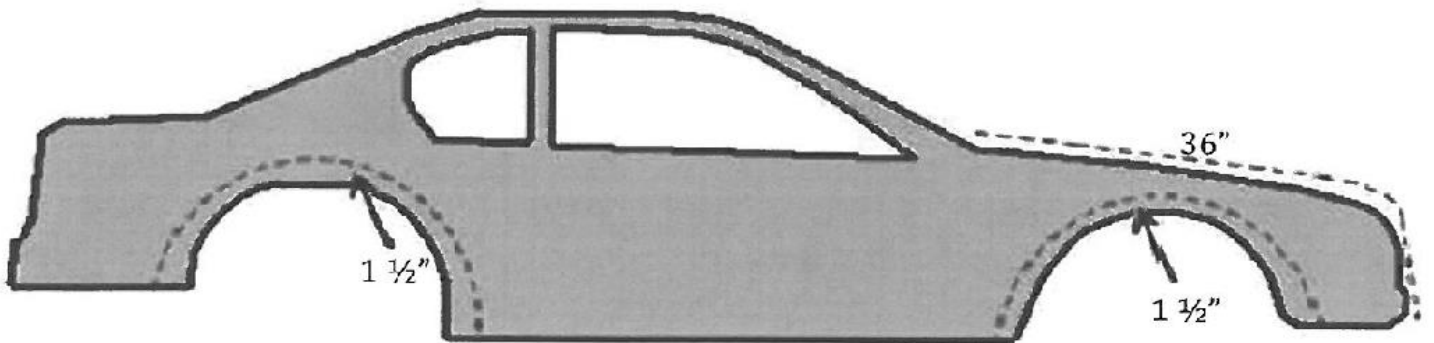


FIG: B



## FRAME, WHEEL & TIRE RULES

1. Frame must remain stock. Teams will be allowed to install body support on the front, rear and sides. Support must not extend outside the body. Teams will be allowed to strengthen the front and rear internal bumpers. No External bumpers will be allowed. Teams will be allowed to strengthen the rear axle. If it becomes necessary to replace the rear axle, it must remain in stock location and be approved by the Technical Director. **IN THE INTEREST OF SAFETY, THE ENGINE MOUNTING PLATE MUST REMAIN IN THE STOCK LOCATION AND MAY NOT BE ALTERED IN ANY WAY.**
2. Tires and rims must remain stock. Painting and chroming will be allowed. Tires and rim must be purchased from BPC 100 Race Management. **Tire pressure will be 32 lbs. min, 50 lbs. max. Rollout will be allowed at 39" + or - 1/16". Rollout will be dominant rule.** No modifications of tires, in any form will be allowed.
3. Maximum Wheel base will be no more than 54" as measured between the centers of the front and rear retaining nuts. **(Figure C)**
4. Maximum Front Wheel Track will be no more than 31" measured distance between the centers of the front tires. **(Figure C)**
5. Maximum Rear Wheel Track will be no more than 33" measured distance between the centers of the rear tires. **(Figure C)**
6. Spindles must remain stock. (No after-market spindles will be allowed). Teams will be allowed to strengthen the front spindles. Teams will be allowed to remove spindle brackets from frame and re-weld to adjust for incorrect caster and camber. If this is necessary, notify the Technical Director.
7. Steering wheel modification: a smaller or larger steering wheel may be used. The steering shaft may be shortened no more than 1/2" but must be measured at a minimum of 6" from the steering support shaft to the steering wheel mounting plate. The steering support shaft may be lengthened by 1/2" but must be measured at a maximum of 12" from the floor pan to the steering shaft where it meets the steering wheel. **(Figure D)** NOTE: NO QUICK RELEASE STEERING WHEELS. Steering linkage must remain stock. Strengthening tie rod spindle linkage will be allowed. In the interest of safety, brake and accelerator pedals may be moved forward no more than three (3") inches from front of axle.
8. In the interest of safety, the seat can be changed or modified. (Seat must remain in stock location).
9. Any bearings not located on or in the engine may be replaced with after-market bearings. (I.E. wheel bearings, steering column bearings, front end bearings).



Figure C

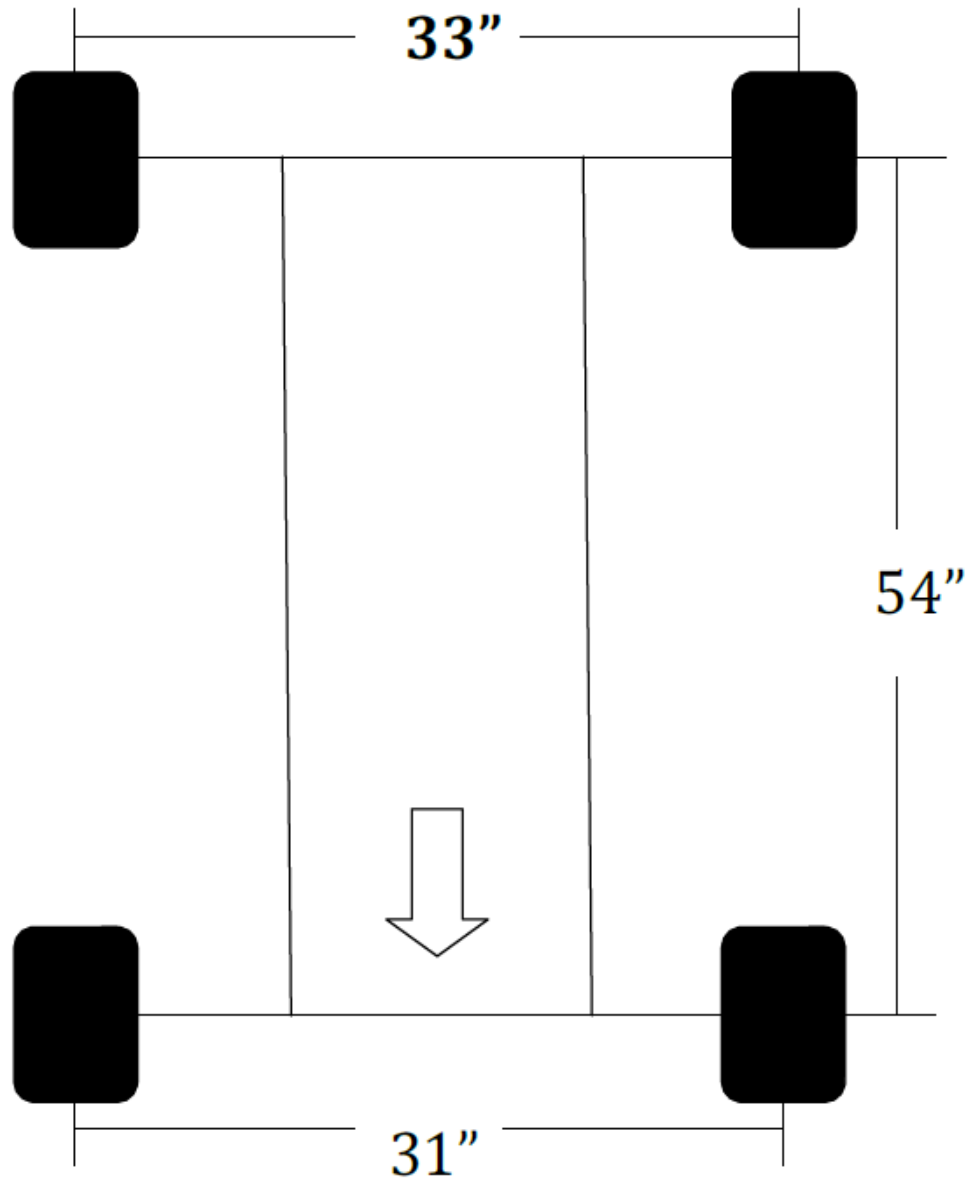
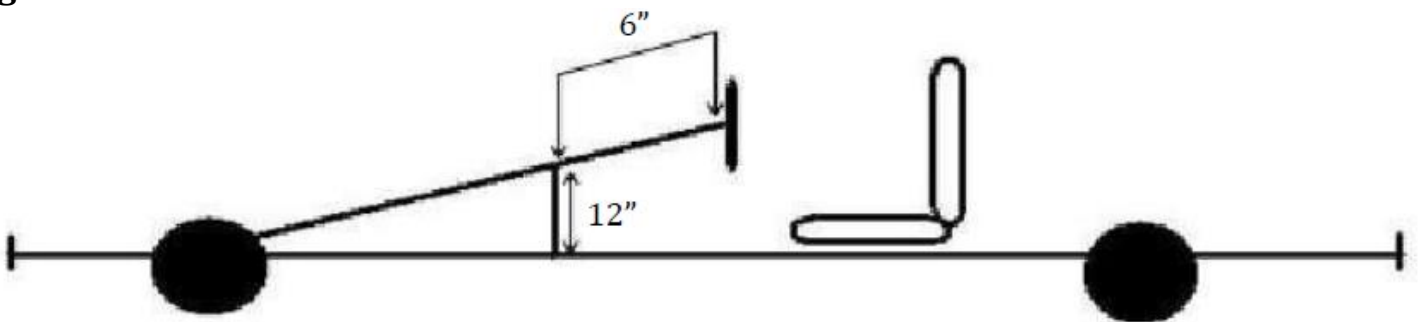


Figure D



## ENGINE, DRIVE TRAIN & BRAKE RULES


1. Absolutely **NO PERFORMANCE ENHANCEMENTS TO THE ENGINE** BY ANY MEANS OR DEVICE WILL BE ALLOWED. UPON DISCOVERY OF ANY MODIFICATIONS OR DEVICES, AT ANY TIME DURING THE EVENT, IMMEDIATE DISQUALIFICATION WILL TAKE PLACE AND THE TEAM WILL NOT BE ALLOWED TO CONTINUE THE REMAINDER OF THE EVENT. ENGINE ENHANCEMENTS / MODIFICATIONS ARE CONSIDERED TO BE A FLAGRANT VIOLATION OF THE RULES. THIS IS TO INCLUDE ANY INTERNAL OR EXTERNAL EQUIPMENT PART OF, OR ATTACHED TO, THE ENGINE SUCH AS INLET, EXHAUST, IGNITION, FUEL DELIVERY, ROTATIONAL ASSEMBLY COMPONENTS, ETC. AIR FILTER AND HOUSING WILL REMAIN STOCK OR ORIGINAL EQUIPMENT AND NOT TAMPERED WITH IN ANY WAY TO INCLUDE DRILLING HOLES OR CUTTING OF THE HOUSING OR FILTER MATERIAL. THE ENGINE AND ALL OF ITS COMPONENTS MUST REMAIN IN ORIGINAL EQUIPMENT CONDITION.
2. Only the flywheel cover, valve cover and gas tank may be visually enhanced by painting or powder coating.
3. It is the team's responsibility to ensure that the RPMs remain at pre-determined setting before and throughout the race. Any change in RPM or governor settings by team members will result in immediate disqualification (Engine Rule). RPM's will be set and maintained at 3900 RPM plus or minus 40 RPM in order to ensure parity. **RPM MODIFICATIONS MAY BE MADE BY TD Advisory team only.**
4. Only tech approved oil and fuel will be allowed and provided before and during the race. (NO SYNTHETIC OIL OR OIL/FUEL ADDITIVES WILL BE ALLOWED).
5. Changing original spark plug will be allowed, but replacement plug must be purchased from the technical team and must match original. Spark plug gap must not exceed 0.7 mm.
6. Only the Max Torque clutch will be approved and must be purchased from BPC 100 Race Management. Gear ratio must not be changed. Stall speed will be checked and must not exceed 2800 RPMs. **(Max torque clutch standard in BPC100)**
7. The drive sprocket must remain stock and be purchased from BPC 100 Race Management. The sprocket may not be chromed or altered in any way that requires removal of material from the face of the sprocket. Teams will be allowed to remove minor imperfections from between the teeth of the sprocket, provided that such alterations do not change the dimension of the sprocket. If a technical team member has questions about the sprocket, the Technical Director may request a measurement and weighing of the sprocket.
8. Drive chain must be **factory chain**. Specifications are #41 x 66. Replacement chain may be purchased from BPC Technical Director.
9. Hydraulic brakes may be used to replace the stock brake. Due to safety concerns in the mounting of the hydraulic brakes, the teams must check with the Technical Director before the installation and must be inspected for approval by the Technical Director before race dates. Multi-wheel brake systems will not be allowed.

## RACE RULES

1. Race drivers shall be aware that unsportsmanlike conduct and unsafe driving practices will result in a 10-second stop-and-go penalty that is administered by the race course flagman.
2. At no time shall spectators be allowed onto the track. Team members will be allowed to cross the track between races but not during. The PA announcer will make a 5 minute announcement warning before the track is closed. At which time no individual will be allowed to cross the racing surface.
3. PIT STOPS ARE MANDATORY. Failure to comply will result in disqualification. Pit lane officials are there to ensure pit stop rules are complied with and team members observe safe practices. Pit lane rule violations will be noted by pit officials and appropriate stop-and-go penalties administered by race officials. Race Officials will verify completion of the pit stop. **Driver must raise hand to signal that he/she is coming in for a pit stop.** The pit stop will consist of the car coming to a complete stop within their pit box, team members will foot race to the car to complete a full tire change, this done by: removing the right rear tire, placing it flat on the ground, picking it back up and re-installing it with the same washer and retaining nut. Teams may be allowed to replace with a new tire but must use the same washer and retaining nut that came off the old tire to secure the new tire. This nut must not be able to be removed by hand. The retaining nuts must be stock or equal equivalency. Wing nuts or any like items will not be authorized. No modifications can be made to the retaining nuts in any way with the exception that teams will be allowed to permanently attach the washer. The washer must be used. A tire tool must be used to remove and install the retaining nut and cannot be powered or assisted by any artificial means such as spring, pneumatic, battery, electric, etc. During the tire change, each team must also switch the driver with another member of the team. The seat belt must be secure before and after the driver change. Drivers will not be permitted to leave the pit box without the seatbelt secured. All drivers are responsible for entering and exiting the pits at a safe/slow speed (half speed). In the event that a driver violates the pit speed they will be issued a 10 second stop-and-go penalty.
4. Any items found not to be in compliance with competition rules will cause that team to be assessed a 10 second stop-and-go penalty.
5. In the event of a vehicle rollover a red flag will be waived by all flagmen. All drivers must come to an immediate stop and remain stopped until authorized by the flagmen. No passing will be allowed once the red flag was waived. Once allowed to resume, the field of drivers will proceed at a slow safe speed and fall behind the pace car in the order scored at the most previous scoring loop as determined by race control. In the event that your car was rolled over you will be directed to the rear of the field before restart. In the event that rollover was assisted by an over aggressive driver as determined by the closest flagman to the accident, that driver will also fall to the rear of the field before restart. Teams are not allowed to pit during the red flag.
6. Any cars involved in apparent serious incidents/accidents are required to have drivers report to on-site paramedic services and to have their car inspected by technical team members before re-entering the race.

7. In the event of a vehicle accident that is blocking the race field (within cones or hay bales) a yellow flag will be waived by all flagmen. Drivers will reduce their speed to a slow, safe speed and fall behind the pace car in the order scored at the most previous scoring loop as determined by race control. No passing will be allowed once the yellow flag has been waived. The vehicle that was involved blocking the race field and bringing out the yellow flag will fall to the rear of the field before restart. Teams will not be allowed to pit during the yellow flag.
8. There will be a flagman posted at the entrance of pit row. All drivers will be responsible for obeying the directions of the pit flagman. Pit Flagman will have two flags.
  1. Green: Pit row is open
  2. Red: Pit row is closed
9. Any drivers attempting to pass other active race cars are responsible for safe practices and conduct. Any car deemed to be blocking another car or driving in a reckless manner will be *"black flagged"* (identified by flagman waiving a black flag at the driver). The car number of said driver will also be identified on a black board near the start/finish line. In the event that you are black flagged you will have one lap to conduct a 10 second stop-and-go penalty. During any stop-and-go penalty teams will not touch the car in any way to include conducting their required pit-stop.
10. All drivers must obey any signals or directions given by race officials. Failure to do so will result in a "Black Flag".
11. AT NO TIME WILL ANYONE, TO INCLUDE CREW/TEAM MEMBERS, BE ALLOWED OUT ONTO THE RACE TRACK DURING THE TIME OF A RACE. THERE WILL BE PLENTY OF COURSE DIRECTORS AND EMERGENCY PERSONNEL AVAILABLE TO TAKE CARE OF ANY ACCIDENT OR MALFUNCTION THAT MAY ARISE. DO NOT RUN TO YOUR DRIVER OR CAR IF IT IS INVOLVED IN AN ACCIDENT OR MALFUNCTION. IMMEDIATE DISQUALIFICATION WILL TAKE PLACE AND THE TEAM WILL NOT BE ALLOWED TO CONTINUE THE EVENT.
12. A stop-and-go penalty will consist of the driver entering pit lane and proceeding directly to their respective pit-box. Once the car has come to a complete stop within the pit-box the pit-judge will begin the 10 second countdown. Once complete the pit judge will allow the driver to exit the pits. All drivers are responsible for entering and exiting the pits at a safe/slow speed (half speed). In the event that a driver violates the pit speed they will be issued a 10 second stop-and-go penalty.

### 13. FLAGS

- a. **Green: Start/Resume Race**
- b. **Yellow:** Caution on the track: slow down to half speed: fall behind pace car.
- c. **Red:** Major accident on the track: **Stop** immediately: Remain in place until cleared.
- d. **Black: Un-Sportsmanlike conduct:** Driver must complete 10 second stop-and-go penalty.
- e. **White:** One lap to go. 
- f. Checkered: Race over!

#### 14. POST RACE INSPECTION

The technical team will conduct a post-race inspection on the top four cars upon completion of each race to ensure no illegal tampering has been done to the car. Upon the completion of each race (checkered flag) the top four drivers and team crew chiefs will report immediately to the technical area with their cars for post-race inspection. DRIVERS WILL NOT DRIVE TO THEIR PIT AREA. During the post-race technical inspection, only the designated crew chief and driver may be present. Designated crew chiefs will be identified with a specific crew chief badge. All other team members or anyone else associated with the team must remain in their designated pit area. Any questions or challenges about technical team rulings will be directed to the Technical Director. AT NO TIME WILL TEAM MEMBERS ARGUE WITH OR CHALLENGE TECHNICAL TEAM MEMBERS. During the post-race inspection, the car must be in the same condition as previously inspected before the race. Teams are responsible for the condition of their car before and during the race. The Technical Director has complete authority for disqualification or penalty rulings during technical inspection.

## OTHER COMPETITIONS

### FASTEST PIT CREW

Each team will participate in a quickest pit stop competition that will be conducted with the following rules:

1. Team cars will be placed at a set point with one team member in the car.
2. No more than four (4) team members will be set at a predetermined distance behind the car.
3. When the competition officials start the event, the team members will foot race to the car to complete a full tire change, which is done by: The pit stop will consist of the car coming to a complete stop within their pit box, team members will foot race to the car to complete a full tire change, which is done by: removing the right rear tire, placing it flat on the ground, picking it back up and re-installing it with the same washer and retaining nut. Teams may be allowed to replace with a new tire but must use the same washer and retaining nut that came off the old tire to secure the new tire. This nut must not be able to be removed by hand. The retaining nuts must be stock or equal equivalency. Wing nuts or any like items will not be authorized. No modifications can be made to the retaining nuts in any way with the exception that teams will be allowed to permanently attach the washer. The washer must be used. A tire tool must be used to remove and install the retaining nut and cannot be powered or assisted by any artificial means such as spring, pneumatic, battery, electric, etc.
4. The tire and the tire tool must be placed beside the car before the competition and left behind after the competition. Note: A tire tool must be used during the pit stop competition and during the races to remove and install the retaining nut and cannot be powered or assisted by any artificial means such as spring, pneumatic, battery, electric, etc.
5. During the tire change, each team must also switch the driver with another member of the team. The team member, in the car, must not remove his/her hands from the steering wheel until touched on the shoulder. The seat belt must be secure before and after the driver change. This is a timed event and timing will stop when the last team member returns across the starting line.
6. Teams will compete side by side in heats. The top two fastest teams from each heat will advance to the next round. The top four with the fastest time will compete in a final competition to determine the winner. Trophies will be awarded as follows:
  1. Fastest Pit Crew Champion
  2. Second Place
  3. Third Place

### BEST-DRESSED PIT CREW

Each team will participate in a best-dressed team competition that will be voted on by a panel of judges that will judge each team on the appearance of team uniforms. Trophies will be awarded to teams from each division in the following order:

1. Best-Dressed Pit Crew
2. Second Place
3. Third Place

### BEST LOOKING RACE CAR

Each team will participate in a best-looking race car competition that will be voted on by a panel of judges that will judge each car on **paint schemes, decals and body wraps**. Company Promotional Props may be used for this competition. (Refer to Vehicle Rule #2) PROPS MUST NOT BE PERMANENTLY ATTACHED TO THE CAR OR BODY. ALL CARS MUST BE ON THE FLOOR! Floor space is at a premium and will be limited! Trophies will be awarded to teams from each division in the following order:

1. Best Looking Race Car
2. Second Place
3. Third Place

**MARK YOUR CALENDAR!** It is mandatory that all teams be represented.

## **2016 BPCC 100 TEAMS DINNER**

Sponsored by  
Silver Star Smokehouse, David Alvis - Owner

**DATE: SEPTEMBER 8, 2016**

**6:00PM – 7:00PM**

(There will be a few NEW and EXCITING twists this year! Don't miss this meeting.)

**Location:**

Silver Star World Famous BBQ  
1201 Dixie Overland Road  
Bossier City, LA 71111

RSVP to: [dwashington@bpcc.edu](mailto:dwashington@bpcc.edu)  
Phone: (318) 678-6285