

**Pacific Nights Enduro Series**  
**California Sports Car Club, Region of SCCA**  
SUPPLEMENTARY ENDURO SERIES REGULATIONS  
July & November, 2004  
Sanction Number: 04-RS-89-P

- 1) **ENDURO EVENTS:** The California Sports Car Club (Cal Club) Enduro series is governed by the 2004 SCCA General Competition Rules and Category Specifications, "Fastrack" amendments, Cal Club region-only classes/rules, Cal Club 2004 Supplementary Regulations and these Enduro Supplementary Regulations.
- 2) **SERIES DEFINITION:** The Cal Club Enduro Series shall consist of two events: a 6-hour endurance race and a 4-hour endurance race. Additionally, there shall be a 1-1/2 hour endurance race for open wheel vehicles.
- 3) **ENTRY FEES:**
  - A) **6-HOUR ENDURO**
    - i. \$210 per driver
    - ii. SRF \$220 per driver (includes compliance fee)
  - B) **4-HOUR ENDURO**
    - i) \$190 per driver
    - ii) SRF \$200 per driver (includes compliance fee)
  - C) **1-1/2 HOUR OPEN WHEEL ENDURO**
    - i) \$175 per driver
- 4) **ACCEPTABLE LICENSES:**
  - A) Acceptable competition licenses for this event will be: SCCA National, Regional, Novice Permits with completed school requirements; FIA grade A, B, & C; Canadian National grade A or B; IMSA Professional; Grand Am and SCCA Pro; Mid-West Council; CASC National; ICSCC Conference; Waterford Hills Senior. NOTE: FIA license holders from foreign countries MUST have a permission letter from their A.S.N. (issuing club) and a copy must be submitted with entry. **All competitors must have a current SCCA membership in addition to an acceptable competition license.**
  - B) **Competitors from organizations other than those listed above may apply for a license waiver by submitting the necessary paperwork to the SoPac Divisional Licensing Administrator. A license waiver checklist may be downloaded from the Cal Club website at [www.calclub.com](http://www.calclub.com).**
- 5) **ENTRY:** The event will be limited to 70 cars.
- 6) **ELIGIBLE CAR CLASSES**
  - A) **A.6-HOUR & 4-HOUR ENDUROS**
    - i. Enduro Class 1: ASR, GT-1, GT-2, GT-3, SP, PRTK, ITE, T1, AS, S2000, CS2000, CSR, DSR
    - ii. Enduro Class 2: GT-4, GT-5, EP, ITS, ITA, S7, SRF, T2, RS
    - iii. Enduro Class 3: FP, GP, HP, ITB, ITC, PRO7, SRX7, SM, SSB, SSC
  - B) **B.1-1/2 HOUR OPEN WHEEL ENDURO**
    - i. FF, SF, CF, FV, F500, FC, FM, FA, FS, CFC, ASR, CSR, DSR, S2000, CS2000, SRF, FS, FSCCA, SCCASR
- 7) **SERIES POINTS:**
  - A) **6-HOUR AND 4-HOUR ENDUROS**
    - i. *Team points only will be awarded.*
    - ii. *To be eligible for Enduro series points, each team's Designated Team Representative (DTR) must report the names of all drivers for that specific team to Race Central prior to the start of the first on-track session. Additionally, a team must retain the same name for both events and at least one driver that competes in both events.*
    - iii. *The overall series champion will be the team with the highest points total from both the July and November Enduros combined.*
    - iv. *Each Enduro grouping (E1; E2; E3) will be considered as a single class for the purposes of awarding points. A trophy will be awarded to the team finishing first in its Enduro group (E1, E2 and E3) Additionally, the team winning the overall series championship will be awarded a trophy at the annual Awards banquet and the names of all drivers on the series champion team will be*

placed on the series' perpetual trophy. Trophies at the July Enduro will be presented at Race Central after the post-event "breakfast".

- v. Enduro Series Points for each race will be awarded as follows: 1st overall – 100 points; 2nd overall – 98 points; 3rd overall – 96 points; 4th overall – 94; 5th overall – 93; 6th overall – 92; 7th overall – 91; 8th overall – 90; 9th overall – 89; 10th overall – 88. Points for 11th overall through 75th overall will be awarded on a diminishing scale beginning with 87 points and dropping one point per place.
- vi. Series points are not applicable to standard Regional Championship awards.
- vii. Drivers are not required to drive with the same Team at every race.

#### B) 1-1/2 HOUR OPEN WHEEL ENDURO

- i. A maximum of two (2) drivers may earn points. **Points will apply toward the Regional Championship.**

#### 8) RACE LENGTHS:

- A) The 6-hour endurance race shall begin when the green flag is displayed and shall end when the lead running car crosses the finish line after 6 hours. The Checkered Flag shall signal the end of the race, not the total elapsed time.
- B) The 4-hour endurance race shall begin when the green flag is displayed and shall end when the lead running car crosses the finish line after 4 hours. **The Checkered Flag shall signal the end of the race, not the total elapsed time.**
- C) The 1-1/2 hour open wheel endurance race shall begin when the green flag is displayed and shall end when the lead running car crosses the finish line after 1-1/2 hours. **The Checkered Flag shall signal the end of the race, not the total elapsed time.**

- 9) **GRID POSITIONS:** Qualifying sessions will be held and grid positions will be determined by these qualifying times.

- 10) **CAR NUMBERS:** Drivers with assigned permanent Cal Club numbers will receive priority. Permanent Cal Club numbers are released after the entry deadline date. Priority of non-permanent number assignment is determined by earliest receipt of entry.

#### 11) TEAM/DRIVER REQUIREMENTS

##### A) 6-HOUR & 4-HOUR ENDURO

- i. **TEAM/CREW:**
  - a) Each team includes one (1) car and up to ten (10) personnel (including drivers and crew).
  - b) Over-the-wall (working pits) crew **MUST** be SCCA members (regular or trial), be 16 years of age or older and must hold a valid crew license. All team members meeting these requirements will be issued pit credentials.
  - c) Crew license application forms are available at [www.scca.org](http://www.scca.org). They will also be available from the Club Office and/or at Registration. There is no fee for a crew license.
- ii. **DESIGNATED TEAM REPRESENTATIVE (DTR):**
  - a) Each team will designate one team member to serve as the team spokesperson pre-event, during the event and post-event. The DTR (or Entrant) will be the only one who can officially speak for the team. (An alternate can be named if the DTR is unavailable. It is highly recommended that the DTR have a thorough knowledge of the current GCR and Car Specs.)
  - b) Only the DTR or Entrant may make changes to the crew list, etc. It is highly recommended that either or both make themselves available to their team during Registration hours.
  - c) The Designated Team Representative must report to Race Central (**located at the base of the Race Control building**) the drivers of record and proposed Driver Line-Up (the sequence of driver changes) for each car at least three (3) hours prior to the race start.

#### 12) ENTRY FORMS

- A) Each TEAM must complete a Team Entry form AND EACH DRIVER must submit an Event Entry Form. **Teams with incomplete information shall go to the Late Entry window at Registration.**
  - i. Team Entry, Crew Medical Forms and Driver Event Entry forms shall be mailed and/or faxed to: California Sports Car Club, 18202 Cal Club Dr, Buttonwillow CA 93206. Phone number: 661 764-5945 Fax number: 661 764-5944. Checks should be made payable to California Sports Car Club. VISA and MasterCard are accepted.
  - ii. Entries received after the late entry deadline will be charged a \$50 late fee.

- iii. Changes to the information submitted on the Team Entry form submitted after the late entry deadline (two weeks prior to the event) will NOT be reflected on published materials including the results from T&S.

### 13) REQUIRED DRIVERS/RESPONSIBILITIES

#### A) 6-HOUR ENDURO

- i. A minimum of three and maximum of five drivers may be entered per car.
- ii. Drivers may not drive for more than TWO (2) CONTINUOUS hours and MUST have at least a thirty (30) minute break between sessions.

#### B) 4-HOUR ENDURO

- i. A minimum of two and maximum of four drivers may be entered per car. Drivers may not drive for more than TWO HOURS AND TEN MINUTES (2HRS 10 MIN) CONTINUOUSLY and MUST have at least a thirty (30) minute break between sessions.

#### C) 1-1/2 HOUR OPEN WHEEL ENDURO

- i. A minimum of one and maximum of two drivers may be entered per car. There is no requirement for maximum consecutive driving time.

#### D) Officials WILL report any infractions to appropriate Steward for possible penalties.

- E) After a pit stop following his/her driving shift, a driver will report immediately to Race Central (see attached map) to confirm exit from the car and report the name of the relieving driver currently in the car. **Failure to report driver changes shall result in loss of finishing position.**

### 14) CAR PREPARATION/TECH – All cars and drivers (regardless of Annual Tech status) must report to Tech for inspection in order to receive required event and gear stickers.

- A) **PREPARATION:** Cars must be prepared to SCCA and/or Cal Club regional preparation specifications for their specific class.

- B) **RACE CLASS DESIGNATION:** The Official Race class designator (i.e., E1, E2 or E3) must be displayed (right side up) on both sides of the vehicle **and shall be a minimum of 6" tall with a 1" stroke. Class designators must be readable by the corner workers and Timing & Scoring.**

- C) **IDENTIFICATION:** Cars must conform to the requirements in the current GCR. To assist in identification after dark, it has proven extremely helpful to attach glow sticks in the shape of the car number over the car number using clear packing tape.

#### D) CAR LIGHTING (6-HOUR ENDURO ONLY):

- i. During the event there MUST be a minimum of two (2) front driving lights operating after the "Lights On" sign is displayed (from the Starters Stand).
- ii. One tail and one brake light must be operational at ALL times. Any time these minimums are not met, the car will be black-flagged for repairs.
- iii. A minimum of two and maximum of six lights may be used for Enduros featuring racing after dark. The top of the lights may be mounted no higher than the top line of the highest part of the bodywork at the front of the car (on the bumper where possible), excluding spoilers, wings or air intakes All such supplementary lighting must be wired on a separate circuit from the regular headlights, with a separate on/off switch. Supplementary lights must be extinguished upon entering the Pit Road, must remain off at all times while on the Pit Road, and may not be turned back on until the car has reentered the track after exiting the Pits.
- iv. Low powered crew signal lights may be mounted on the roof or other location.
- v. No light may have its centerline aimed more than 45° off the forward-facing axis of the car.
- vi. All lighting must be approved by the Chief of Tech.

### 15) TRACK CONFIGURATION: 25 Clockwise - 2.92 miles

### 16) SAFETY

- A) **BLACK FLAG ALL:** If an Enduro race is black-flagged all, cars must stop on the Start/Finish straight. The time clock will not stop. The re-start, if one occurs, will be according the order of the cars on the straight as they stopped.

- B) **PACE CAR:** If the pace car is required during a race, Yellow Flags will be displayed at all corners and sign "PACE" will be displayed at Start/Finish along with a Yellow Flag. NO racing or passing is permitted and all cars should proceed at a reduced speed and form up single file behind the pace car until it exits the track and the green flag is displayed at Start/ Finish. Yellow flags will be dropped when the pace car turns the lights off. The Pace car will turn off its flashing lights prior to exiting the racetrack. Race cars will maintain their reduced speed and single file order until the green flag is displayed.

- C) **ON COURSE DISABLED CARS:** Disabled cars on course will first be moved to a safe position and

then towed into the pits (or behind) as soon as is safely possible.

**17) PIT ASSIGNMENTS:**

- A) Pit spaces will be assigned. Due to the limited number of pit spaces, sharing of pit spaces is highly encouraged (2 teams in one space, 3 teams in two spaces, etc.).
- B) Please indicate on the Team Entry form which team(s) can share pit space. Every effort will be made to accommodate Pit space requests. (See attached Pit Map)
- C) Equipment and support vehicles will be allowed to begin staging in the pit area beginning 4 hours prior to the scheduled start of the race.
- D) **MANDATORY DRIVER'S MEETING:** The DTR or Entrant and at least one driver from each team **MUST ATTEND THIS MEETING.** In the case of the Open Wheel Enduro, at least one driver from each team must attend. Roll will be called and a penalty of a \$50 contribution to the Cal Club Worker Fund will be applied for non-attendance.

**18) TIMING & SCORING:**

- A) Cars shall be timed and scored using the AMB Transponder system. All cars are required to have a working AMB Transponder unit.
- B) A limited number of transponders will be available for rental at the track.
- C) Cars whose numbers do not meet the approval of Timing and Scoring and/or do not have a working AMB Transponder at the beginning of the session will not be allowed to run.
- D) No track records will be recognized during this event. No additions or corrections to the results will be made after results are final per GCR.

**19) PIT RULES** These rules will be strictly enforced. Infractions WILL incur a time penalty as determined by the Chief Steward. ***Pit Marshals shall wear orange vests for easy identification.***

- A) Pit Speeds Pit entry and exit will be at SLOW speeds (approximately 30MPH). ***Should a radar gun be available, pit speed will be enforced at 30 mph. If a radar gun is to be used, an announcement shall be made at the Driver's Meeting.*** Excessive pit speeds will NOT be tolerated. Any car which the Chief Steward determines to have used excessive pit lane speeds shall be black flagged and held for five minutes.
- B) There shall be an emergency lane left open along the hot pit wall, AT ALL TIMES.
- C) NO SMOKING in the pit area or any area where fuel is stored.
- D) Pit Stops: Any number of pit stops may be utilized and have no minimum time requirement. Pit stops deemed to be made in an unsafe manner will be subject to penalty.
- E) Signaling:
  - i. With the exception of one person to signal the incoming driver to his pit stall from the pit wall, no crew members are permitted over the wall until the car has come to a complete stop and engine is shut off.
  - ii. A single crew person may signal from the front straight wall. A pit board is recommended.
  - iii. ***Other than during re-fueling, a maximum of 5 (five) crew members (including the driver) may be over the wall at any time. Any crew member over the wall (other than during re-fueling) must be fully attired (closed toe shoes, long pants and shirts) for all pit stops.***
- F) Repairs
  - i. Major car repairs must be performed behind the pit wall (in the cold pits/paddock), not in the hot pit lane. No welding is allowed in the working ***area behind the wall. Any welding shall be done away from the cold pits for safety reasons.***
  - ii. A minimum of two jack stands must be used when a crew member is under the car.
  - iii. Any crew violations (too many over wall, under car with no jack stands) will incur a stop-and-go penalty.
- G) Fire Extinguishers Each team must have at least two (2) five pound or one (1) ten pound or larger fire extinguisher readily available
- H) Clean Up: All items brought in must be removed. This includes, but is not limited to, all construction materials, chairs, tires and litter.

**20) REFUELING: on Pit Lane ONLY.**

- A) Re-fueling must be done in the racing (hot) pits with the engine off and the driver out of the car. There will be a maximum of three (3) crew members (***driver included if he or she is over the wall during re-fueling***), one manning a fire bottle. All re-fueling crew members must wear full Nomex driving gear per the GCR. A helmet and/or balaclava are MANDATORY.
- C) RE-FUELING EQUIPMENT MUST BE SAFE. UNSAFE RE-FUELING EQUIPMENT WILL NOT BE

PERMITTED. TECHNICAL AND SAFETY SCRUTINEERS WILL REPORT UNSAFE RE-FUELING PROCEDURES AND EQUIPMENT TO THE CHIEF STEWARD.

- D) *A single drip pan may be used to capture fuel spills during refueling. The drip pan may not hold more than two quarts. Drip pan must be removed prior to car exiting the pits. Any spillage outside of the drip pan (even a drop) will incur a ONE (1) minute stop-and-go penalty which shall be imposed at the Black Flag Station.***
- E) At all times, each pit space must have a 10lb fire extinguisher (or two 5lb extinguishers) provided by the entrant manned and ready during re-fueling.**
- F) *No work shall occur on the car during re-fueling.***
- G) *No work shall occur on the car during a penalty stop or penalty hold.***
- H) Pit Stops:**

**Closed Wheel:** Any number of pit stops may be utilized and have no minimum time requirement. Pit stops deemed to be made in an unsafe manner will be subject to penalty.

**Open Wheel:**

- i. There will be two mandatory 5 minute pit stops for each car. The driver, upon entering the hot pit lane, will stop at the black flag station to pick up their time card. Upon exiting the pits, they must stop at the end of pit lane and hand the time card to the official. The official will signal when the driver may proceed onto the racing surface to rejoin the race.
- ii. Any driver who exits pit lane without handing their time card to the official, or who proceeds onto the racing surface without waiting for the official's signal, will be deemed to have not completed their mandatory 5 minute pit stop.
- iii. Any driver who forgets to pick up their time card upon entering the hot pits may go back to the black flag station to get their time card, but the time card will be stamped with the time it is given to the driver, not the time the driver came into the pits.
- iv. Cars may make as many pit stops as they need, but only two must be of the minimum 5 minutes. Any car that completes at least 45 minutes (half the race distance) but less than 1 hr and 15 minutes must have completed at least 1 mandatory 5 minute pit stop or it will be disqualified. Any car that completes at least 1 hr and 15 minutes of the race must have completed two mandatory 5 minute pit stops or it will be disqualified.

END OF PACIFIC NIGHTS ENDURO SERIES SUPPLEMENTAL REGULATION