



**2020 AMSC COASTAL CHALLENGE & PRE '93 SALOON CAR CLUB**  
**REGULATIONS**  
**(162144/144)**

**1. CONTROLLERS**

The controllers, organizers and promoters of the championship will be the AMSC Racing Division Committee. All championship events will be run under the auspices of AMSC, in consultation with the Coastal Challenge car sub-committee and the AMSC Technical Working Group.

**2. VENUE**

All championship rounds will be held at Aldo Scribante Raceway.

**3. AIM OF THE CHAMPIONSHIP**

To declare the overall AMSC COASTAL CHALLENGE & PRE '93 SALOON CAR CLUB CHAMPION and to announce the winners of the various classes.

**4. VALIDITY OF THE REGULATIONS**

Applicable for the calendar year of 2020.

**5. REGULATIONS**

All qualifying heats shall be held under the General Competition Rules (GCR's) and Standing Supplementary Regulations (SSR's) of Motorsport SA (MSA), these standing regulations and the event Supplementary Regulations (SR's) issued by the promoters.

**6. ELIGIBILITY OF DRIVERS**

6.1 Competitor's age: Refer SSR1

6.2 The Championship will be open to all drivers who are members of the Algoa Motor Sport Club.

6.3 All eligible drivers must be in possession of a current MSA CLUB circuit racing competition licence valid for car racing, as appropriate.





## 7. **INCIDENT REPORTS**

- 7.1 Every driver is to return their completed incident report form to the Clerk of the Course as soon as possible after having either retired from or completed the event (Refer SSR 61).
- 7.2 After any incident with any competitor, family or pit crew.

## 8. **ELIGIBILITY OF VEHICLES**

- 8.1 These AMSC COASTAL CHALLENGE Cars shall be defined as production type cars raced, registered, produced and marketed in South Africa prior to 31 December 1992 with end of production 31 December 1993.
- 8.2 The AMSC Coastal Challenge Car Non-Technical Rules will be applicable to this Pre-93 Class.

## 9. **CLASSES**

- 9.1 Classes will be defined as follows. These cars will carry the class letter next to the car number.

Class A	-	1:09.999 – and below
Class B	-	1:10.0 – 1:12.999
Class C	-	1:13.0 – 1:15.999
Class D	-	1:16.0 - 1:19.999
Class E	-	1:20.0 – 1:24.999
Class F	-	1:25.00 - and above

Class X - all new drivers will be placed in class X at their first event

- 9.2 Any (new car & driver) combination will be allocated to a class after their first race day. They will compete in Class X for the first day. Any points scored in Class X will be substituted to actual finishing position of the competitor to the class in which he / she fits after the days racing.
- 9.3 Class X points will only be used for trophies in class X on race day.
- 9.4 The onus is on the competitor to ensure that he/she is entered in the correct class on the day.
- 9.5 A driver who records a lap time of more than 0.2 seconds faster than the class cut-off times shown in 9.1 on two separate occasions, in either Qualifying or any races, on the same day or two separate race days, whichever comes first, will be promoted and placed in an appropriate class according to the lap time at the following event. All breakouts in respect of the current year will be carried forward to the following year i.e. all breakouts in 2019 will be carried forward to 2020. If you broke out only once in 2019 you will not carry this break out into 2020. (E.g. If you had 2 breakouts in the current year, and the 2nd break out is at the last event of the year, then you





will be moved up a class for the next year. If you only had 1 break out during the year, this would not be retained for the next year).

- 9.7 **NOTE:** Any break-outs within the last 30% of the championship will be scored immediately in terms of ART 23.5.
- 9.8 A driver can move up in the class structure but never down again in the same year, except in exceptional circumstances and with the special written permission of the Controllers.

## 10. **GENERAL TECHNICAL SPECIFICATIONS – AMSC COASTAL CHALLENGE CARS PRE-1993**

- 10.1 The AMSC Coastal Challenge Cars Pre-1993 Club Championship is an Invitational Series open to cars that fit the general category Touring Cars (2-door and 4-door). Application to the Coastal Challenge committee needs to be made in writing in order to participate in this series.
- 10.2 Nuts, bolts, washers and locking devices are free.
- 10.3 Vehicles must be fitted with at least one internal mounted and one externally mounted rear view mirror.
- 10.4 All vehicles shall be fitted with the minimum of a MSA specified 6-point roll cage and seatbelts that comply with current MSA specifications. The roll cage must remain within front and rear suspension mounts.
- 10.5 All cars will be fitted with an electrical cut-out switch that is able to be operated from both inside and outside the vehicle.
- 10.6 Tow hooks must be added on the front and rear of the car and are to be clearly marked.
- 10.7 The responsibility to prove eligibility is that of the entrant at all times.
- 10.8 All AMSC Coastal Challenge Cars will be denoted by the class letter in front of their competition number.
- 10.9 Class cut-off time will be the same as existing classes.

## 11. **CHASSIS**

- 11.1 Chassis and chassis members must remain as originally manufactured and lightening of reducing of chassis or chassis member strength is prohibited.
- 11.2 Addition of material to strengthen the chassis and seam welding is permitted.
- 11.3 Steering wheels and steering columns are free.

## 12. **BODYWORK**

- 12.1 Bodywork must be complete and standard in shape and silhouette, material and thickness on all exterior surfaces. Plan and profile to remain. Where original materials are unobtainable, local repairs of adequate strength may be made using non-original material. Replacement of panels with non-original material is limited to the bonnet and boot lid. The removal of exterior decorative strips and bumpers is permitted. Reworking or modification to exterior bodywork is prohibited but any





part of the arch/wing pressing folded into the wheel arch may be deformed, to give clearance to the tyres.

- 12.2 Strengthening is permitted.
- 12.3 Interior: These regulations require the retention of the dashboard, all interior doors and rear quarter trim. Door panels may be replaced by aluminium. In the cabin, floor carpets, under felt, sound deadening, headlining, front and rear parcel shelves, centre consoles, the front passenger and rear seats and trim in the boot / luggage compartment may be removed.
- 12.4 Instrumentation is free although the original dashboard must remain.
- 12.5 All windows are free subject to MSA requirements.
- 12.6 Driver's seat is free subject to MSA requirements and the driver must be located entirely to the one side of the centre line of the car.
- 12.7 Heaters and interior ventilation systems may be removed.
- 12.8 The original boot and bonnet fasteners may be removed. The bonnet and boot shut lines must be as in production.
- 12.9 Only OEM-style (Original Equipment Manufacturer) or factory-fitted spoilers, scoops, flares or lips may be used.

### **13. ENGINE**

- 13.1 The original standard production cylinder block for the model must be used, or subject to approval by the technical working group, a period-similar cylinder block that has the same number of pistons as the original block, manufactured by the same manufacturer as the original unit may be used.
- 13.2 The cylinder head(s) must be the standard production component or an alternative manufactured by the same manufacturer as the original production component of that era. The number of valves must remain the same as the original head for the model / type.
- 13.3 The crankshaft is free.
- 13.4 Camshafts are free.
- 13.5 Induction: Only the original type of induction must be used. Carburettors are free.
- 13.6 Radiators are free but must remain in their original location.
- 13.7 Oil coolers and additional water radiators are permitted provided they are located within the periphery of the bodywork.
- 13.8 The exhaust system is free subject to MSA requirements as regards decibel levels.
- 13.9 The distributor may be fitted with an after-market spark triggering device but the distributor must remain in its original position and must maintain its original function. Any additional system which processes information acquired from the ambient conditions and / or the engine is not permitted. Firing order must not be changed. The remainder of the ignition system is free.
- 13.10 Forced induction is not permitted.
- 13.11 Inlet and exhaust manifolds are free.
- 13.12 It is permissible to remove metal from original cylinder blocks and heads.
- 13.13 Fuel pumps and fuel tanks are free subject to MSA requirements.





- 13.14 Vehicles using fuel injection are limited to the original fuel injection system and ecu as fitted by the manufacturer.
- 13.15 All other engine components are free. Engine capacity may be increased within the confines of the original engine block.

#### **14. SUSPENSION**

- 14.1 Suspension springs are free except for maintaining type (coil, leaf, torsion) and no more than the original number are employed. Spring caps are free and spring platforms may be adjustable.
- 14.2 Suspension type must remain unaltered. Macpherson Strut top mounts are free. The original suspension mounting points are to be used but additional points may be added.
- 14.3 Dampers are free.
- 14.4 Anti-roll bars and their mountings and shape and material are free. These can be added as a permitted modification.
- 14.5 Suspension bushes are free.

#### **15. TRANSMISSION**

- 15.1 The gearbox may only have 5 forward gears and reverse gear.
- 15.2 Gear ratios and type are free but gearboxes and transaxles with rapidly interchangeable ratios or proprietary racing gearboxes are prohibited.
- 15.3 The rear axle must remain in the original position.
- 15.4 The rear axle casing is free.
- 15.5 The final drive ratio is free.
- 15.6 Mechanical limited slip or torque biasing differentials are permitted.
- 15.7 Sequential gearboxes and/or traction control devices are prohibited.

#### **16. ELECTRICAL**

- 16.1 Electrical equipment is free provided that a battery and starter are fitted and in full working order at all times.
- 16.2 All headlights, indicator lights, tail lights and stop lights must be fitted and in full working order. Where the original lights are no longer available, aftermarket lights similar to original are permitted.

#### **17. BRAKES**

- 17.1 Brake systems are free save that carbon brake systems are prohibited. Ducting for the purpose of cooling brakes or removing dust is permitted provided it is not visible outside the car and serves no other purpose. Modification or removal of brake back plates is permitted.
- 17.2 Brake lights must be operational and operated only by the brake pedal without a delay or other switching device.





## 18. WHEELS AND TIRES

- 18.1 Wheels must fit in body work as per Section 3.
- 18.2 Any period style wheel rim.

## 19. DRIVER CONDUCT

Refer SSR's 46 to 66 (where applicable).

### 19.1 **White Line rule applies**

- a) Bumping and / or pushing of other vehicles on the circuit is not allowed and any drivers found doing this will be penalised by the Clerk of the Course in terms of GCR 157. The Clerk of the Course must consider infringements at previous events which resulted in penalties being imposed, when imposing penalties under this heading.
- b) Any competitor who disadvantages another competitor, even unintentionally which results in the loss of place(s) during a race will, at the discretion of the Clerk of the Course, generally be penalised so as to finish behind the competitor that was disadvantaged. More severe penalties will be applied in the case of repeat offenders.
- c) The vehicle ahead of any other vehicle in any 'train' of two or more vehicles on the circuit may only change direction once in a straight line from the exit of one corner up to and including the entrance to the next corner unless involved in a genuine overtaking manoeuvre.

### 19.2 **Entering the Corner (Phase 1)**

Two or more cars entering the zone of a corner together it is expected of each driver that such cars will exit the corner without contact. Neither overly aggressive overtaking nor excessively defensive driving will be tolerated. The lead car may enter the braking area in whichever way he or she wishes (inside, middle or outside) provided he or she does not have a vehicle close behind to the rear, to the left or right, i.e. a vehicle in "close proximity". **"Close proximity" - It is normal for a challenging car to be in close proximity, by being behind to the inside or outside of the lead car i.e. front bumper behind centre / B pillar of the lead car, to the left or right or being directly behind. The lead car may choose either left or right of the centre line of the circuit, before entering the braking area when he has a car in close proximity.** The lead car may not change direction to block the challenger while the front bumper of the challenger is ahead of the rear bumper of the lead car in a straight line, particularly before the start of the braking area.

**The changing of direction by the lead car in the braking area is prohibited as this would lead to "baulking" of the challenger, and any resultant contact between the two vehicles would be deemed the fault of the lead car.** If by the end of the braking area at the turning point in a straight line the challenging car is alongside the lead car ('alongside' being nose of challenger next to front door of leader inside or outside) it becomes the duty of both drivers to prevent crowding of each other to the inside or outside of the track throughout the entire corner.





**Note: This rule does not apply to ‘sweeps’, which are treated as normal ‘straight line’ racing.**

### 19.3 **Middle of the Corner (Phase 2)**

If the challenger is on the inside in the braking area at the turning point and his front bumper is behind the centre of the leader (B pillar) he will withdraw and forfeit the corner to the lead driver to take his normal line. It must be remembered that the lead car has to and will, turn with the aim of apexing unless the challenger is alongside in the braking area or at the turning point.

If, from the turning point, the lead car stretches the lead to the apex and the challenger’s front bumper is behind the centre (B pillar) of the lead car, the challenger will withdraw and allow the lead car a normal racing line, any contact made by the challenger on the lead car behind the B pillar will be deemed to be the challenger’s fault.

Any bumping of the lead car from the back on the rear bumper is the fault of the challenger; furthermore the bumping of the lead car behind the B pillar or centre by the challenger is also the fault of the challenger, if the lead car was abiding by the above rules.

The ‘Y’ or ‘T’ bone by a challenger on the lead car would be a clear indication of the challenger coming in too fast and stopping against the leader whilst he is turning into a corner. This indicates a clear intention of driving the lead car off the circuit or a seriously over-aggressive move, and will be deemed the fault of the challenger provided the lead car abided by the rules above.

The onus for a clean and clear overtaking manoeuvre lies with the challenger as he/she has a clear view of what is in front and the knowledge of the anticipated line that the lead car should or would take through the **corner unless the lead car makes a premature or sudden direction change in the braking area, which would then be the fault of the lead car.**

### 19.4 **Exiting the Corner (Phase 3)**

From the “apex” out, the inner car will take extra care not to drift wide under power forcing the outer car wide and ultimately off the circuit at the exit. This is exaggerated in front wheel drive cars and drivers should exercise extra caution. The challenger should exercise extra caution to avoid contact, by applying brakes or taking extreme evasive action. If there is no evidence of evasive action this will certainly count against the challenger.

### 19.5 **Summary of Guidelines**

- a) If the challenger bumps the lead car on the rear bumper and forces him off the circuit, the challenger will slow down and allow the lead car past and continue to race. Failing to do this could result in total exclusion or any relevant penalty with the least being that the challenger finishes behind the lead car in the results.





- b) The bumping of the lead car behind the “B pillar” in the corner, left or right is the fault of the challenger.
- c) The ‘Y’ or ‘T’ bone of the lead car by the challenger is the fault of the challenger.
- d) Premature direction change by the lead car in the braking area causing contact is the fault of the lead car and will be dealt with accordingly.
- e) A competitor may enter a corner in any way he chooses provided he/she does not have a car in close proximity. In a straight line the lead driver may try to break the tow but when entering the braking area he must have chosen his line - left or right - if he has a car in close proximity.
- f) The lead car may not baulk a close proximity challenger while the challenger is attempting to pass in a straight line.

#### The Process for Reviewing Incidents and Applying Penalties:

A written intent to submit an Incident Report must be in the hands of the clerk of the course within 30 minutes of the finish of the race concerned. Should the driver still wish to submit the incident report, then this must be submitted within one hour as per SSR61. Should the COC not have received the written intent to submit the incident report within 30 minutes, then no further action will be taken on incident reports received as per SSR61. However, the Clerk of the Course may request further incident reports outside of this time limit.

- 19.6 The Clerk of the Course shall be empowered to make use of yellow / red cards in respect of driver conduct issues, as per the following:
- a) No card (either yellow or red) shall be issued without the competitor being afforded a hearing by the Clerk of the Course.
  - b) A yellow card shall have the effect of placing a competitor’s driving conduct ‘under observation’ for the following one (1), two (2) or three (3) races (heats) forming part of the championship.
  - c) A yellow card shall have the effect of a 3 place grid penalty for the next 3 heats.
  - d) A competitor racing ‘under yellow’ shall be required to prominently display a supplied yellow decal on both rear windows of his/her race car at all times during the affected races.
  - e) If a competitor is found guilty of an offence while ‘under yellow’ he / she may, following a hearing be issued with a red card.
  - f) Should a competitor receive three yellow cards in one season, the COC reserves the right to issue the competitor with a red card.
  - g) The effect of a red card is to bar a competitor from taking part in the next full race meeting forming part of the championship.
  - h) In the event of the Clerk of the Course deeming a first offence to be sufficiently serious so as to warrant the imposition of an immediate red card, he shall be empowered to take such action.
  - i) Card decisions’ need not necessarily be made at an event. Following an incident report or protest, the Clerk of the Course may await video footage (or other suitable evidence) after the event before making a decision. The







competitor will generally be informed on the day if further evidence is being awaited.

- j) Where a 'card decision' is made on the day of an event, the affected competitor shall have the right of protest to the Stewards of the Meeting (and the right of subsequent appeal).
- k) Where a 'card decision' is made between events, the decision shall only be subject to an appeal in terms of the provisions of GCR 214.
- l) Yellow / red cards issued in one racing season will generally not be carried over into the next racing season, this being at the discretion of the Clerk of the Course. However, competitors guilty of an offence in the last race of the season may be penalised accordingly depending on the severity of the offence.

## 20. **GENERAL**

- 20.1 A vehicle which is damaged beyond repair as a result of an accident may be re-bodied, and the combination of this vehicle and the existing driver will have the choice of remaining in their class or going back to class X. However, written permission must be obtained from the Controllers should the driver wish to return to his original class.
- If a driver who is currently in the championship uses another car, he will enter in Class X and be bound by 9.2. Any drivers using another vehicle which is slower than, or equal to the regular class of the driver, will score points for the championship in the actual finishing position of that driver's class. The days racing will be bound by point 9.2. Should the driver, however use a vehicle which is classified in a class higher than the driver's regular class, then he will be scored in terms of point 23.5 Should a driver use another vehicle due to engine / mechanical failure, permission must first be obtained in writing from the COC who will act in conjunction with the Scrutineer / TC. His decision to grant / withhold such permission will be final.
- 20.2 Location of timing transponders: - Shall be mounted as per SSR 83(ii). Failure to comply may result in exclusion from the race / race meeting concerned.

## 21. **COMPETITION NUMBERS**

- 21.1 All competition numbers must comply with MSA stipulations relating to size and colour. Minimum size is A4 and Arial font for front doors both sides and A5 on left hand top side of windscreen, the number must also have the class as a prefix.
- 21.2 The relevant Association Chairman, on behalf of the Controllers, shall allocate all Competition numbers.
- 21.3 All Competitors are to carry relevant series sponsor decals and number backings.
- 21.4 The current champion will have the right to retain his previous competition number during his reign even though it may not be used.
- 21.5 Competition numbers shall be retained throughout the championship year and are not to be changed.
- 21.6 Numbering must start from the number 2.





## **22. CHAMPIONSHIP EVENT**

The events making up the championship are listed in the 2020 Calendar. When more than one race / heat is held on any one particular day, the overall positions for the day will be used solely for the purpose of determining an overall winner for the day and shall have no effect on the points counting towards this Championship. If a tie should arise in determining the overall winner for the day, the driver with the best result in the last Race of the day will be used to determine a winner for the purpose of trophies only.

## **23. POINTS SCORING PER CLASS**

- 23.1 Points will be scored in each race for each class they will be scored on the basis of 1<sup>st</sup> – 10 points, 2<sup>nd</sup> – 9 points, 3<sup>rd</sup> – 8 points, 4<sup>th</sup> – 7 points, 5<sup>th</sup>-6 points, 6<sup>th</sup>-5 points, 7<sup>th</sup>-4 points, 8<sup>th</sup>-3 points, 9<sup>th</sup>-2 points, 10<sup>th</sup>-1 point and thereafter 1 point for each finisher.
- 23.2 There must be a minimum of 6 eligible starters for 60% of the nominated championship events for the combined classes, for the race meeting itself to qualify for championship status. To be classified as a starter, a competitor must participate in at least one of the official practice sessions listed in the supplementary regulations for the event, and / or participate in the race/event itself Refer SSR 82 i).
- 23.3 In order to be classified as a finisher, a car must have completed not less than 67% of the distance of the race under its own power. The 67% shall be calculated to the last completed lap.
- 23.4 Competing drivers who are ineligible for the championship, will be ignored in the results for the purpose of scoring the championship, but will qualify for awards (trophies).
- 23.5 Should a driver score points in a particular class and thereafter move up to the next class, he / she will carry forward any points obtained up to that point with the following proviso:  
In order to qualify for class placings at the end of the championship year, at least 30% of total points must be scored in that particular class. If a competitor breaks out of a class with less than 30% of races remaining, he will be scored in the position in the class in which he broke into, in his original class. (I.e. should he finish 2<sup>nd</sup> in the higher class, he will carry 2<sup>nd</sup> place points back to his original class) that he broke out of for purposes of the championship. If a competitor is scored in his previous class due to the fact that he completed less than 30% of the events in the new class, then the class which he broke into will be scored as if he did move up to this class for the championship.
- 23.6 No driver can enter, qualify or race more than one vehicle in different classes on any race day.

## **24. CHAMPIONSHIP FORMAT**

The championship will generally consist of a minimum of 7 rounds (fourteen races) for the year. The organizers reserve the right to host more than three races at any of the rounds to make up the minimum number of races for the year.





**25. NUMBER OF EVENTS TO COUNT**

All a competitors scoring races will be used to determine the results of the championship. It is incumbent on the Promoters to ensure that the results and entry list depict the domicile of competitors and / or to provide sufficient information for MSA to determine the eligibility of the drivers in respect of allocation of points.

**26. QUALIFYING, STARTING & STARTING GRID**

When 2 or 3 Races are held on the day:

For purposes of qualifying, classes will be amalgamated. A 10-minute session will be allocated to each combined class. During this time a competitor may take to the circuit at any time. The tyre choice will be determined by the competitor, i.e. either wet weather tyres or slicks.

<b>Fastest Lap in qualifying</b>	-	<b>Starting position for Race 1</b>
<b>Fastest Lap in Race 1</b>	-	<b>Starting position for Race 2</b>
<b>Fastest Lap in Race 2</b>	-	<b>Starting position for Race 3</b>

**Eventualities:**

Competitor does not qualify or fails to set a lap time in Race 1 or 2:  
The competitor will start at the back of his / her class.

**27. START PROCEDURE**

Rolling start.

**28. CHAMPIONSHIP STATUS**

Should less than 4 race meetings be held and scored during the season, the championship may be declared null and void by the Controllers.

**29. SEPARATION OF TIES**

Any ties will be resolved in favour of the competitor having the greater number of first positions. If this fails, the greater number of seconds will count, then thirds, and so on. If the tie still remains, performance in all the championship events will be taken into consideration and if this is still ineffective, then the Controllers will declare the winner on any basis they may deem fit.





**30. ANNOUNCEMENT OF POINTS AWARDED**

Scoring for each qualifying event will be available on the AMSC Website and any objections concerning the scoring must be received by the Controllers in writing no later than 7 days following the publication of the scoring. The Controllers reserve the right to correct clerical errors at any time.

**31. DECLARATION OF CHAMPION**

The Controllers at its sole discretion, is responsible for declaring a winner of the championship, or to withhold such declaration.

**32. FUNCTION OF ALGOA MOTOR SPORT CLUB AS ORGANISERS**

The “AMSC” takes full responsibility for organizing and facilitating the end of year prize giving and trophies.

**33. AMENDMENTS**

The Controllers reserve the right to introduce new regulations and or amend the existing regulations during the racing season. Any such amendment / addition to the regulations shall, however, only come into effect once it has been published in an official MSA circular / bulletin. All additions / amendments will be published on the official notice board and circulated to all competitors at least seven (7) days prior to a race meeting.

**34. GENERAL**

It is the sole responsibility of all drivers to ensure that their vehicles comply with the above regulations and all drivers are therefore advised to obtain full safety and eligibility clearance from the relevant association technical consultant before entering their first event.

