

# Edmonton Rally Club

## Rallycross Event Safety Plan South Cooking Lake

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### **SANCTIONING GOVERNING BODY AND RULE BOOK**

The ERC events are sanctioned by ASN Canada and CARS. The CARS National Rally Cross rulebook is used and followed completely.

### **ORGANIZATION**

- 1. Rallycross Director / Clerk of the Course** – oversees the event. This role is drawn from the Executive, many of whom have been a part of Rally and motorsports in general for many years.
- 2. Registrar** – is responsible for ensuring the waiver is signed by everyone in a competition vehicle and that the event registration form is filled out and signed by the competitor.
- 3. Timer** – is responsible for keeping accurate times of the competitors and calling for re-runs when necessary (see "Reruns"). Timing and scoring is handled by the Competition and Scoring Committee.
- 4. Starter** – is responsible for starting competition vehicles at the appropriate time to ensure a safety spread is maintained between all competition vehicles on the course. The Starter is controlled by the Competition and Scoring Committee.
- 5. Gatekeeper** – is responsible for ingress/egress to/from the competition area for all competition vehicles. Gatekeeper duties are spread out amongst several experienced competitors.
6. All people listed above may be replaced by other trained club members, depending on who is available at a given event.

### **COMPETITION AREA**

The Competition Area is South Cooking Lake, AB (Coordinates: 53.426486, -112.980760). The ice racing track is on a large lake, zoned off by a single plowed entrance onto the lake and controlled by a gatekeeper. The track is kept separate from the paddock, and entrance onto the track is controlled by another gatekeeper.

Only people who have signed the waiver are permitted on the track/paddock area. At least 15 feet is maintained between the shoreline and the competition track. Spectators are to remain in the paddock at all times.

### **COMPETITION**

Rallycross events are competitions of vehicles against the clock around the competition track. The track is defined by pylons that competitors must navigate through. The track has a starting area, where vehicles pass between an infrared beam to start the clock on their run, and a finish area with another infrared beam to stop the clock. Each run is 1–2 laps around the competition area, as defined by the pylons.

Courses are laid out with the goal of controlling the top speed attainable, slowing the vehicles down before major turns, and ensuring that major ruts and bumps are avoided whenever possible. As the course deteriorates over the course of the day, modifications are made to the course between sets of runs, so all competitors run the same course.

Multiple competitors compete on the course simultaneously. A spread of at least 20 seconds is maintained between cars. More time is given if a faster car is starting after a slower one.

Marshals are placed at strategic locations in the competition area to reset knocked-down pylons and report the vehicles that knocked them down. Marshals carry radios to communicate with timing and the organizer.

## **REGISTRATION**

All competitors must first complete registration online prior to attending the event. The competitor first signs the waiver, then fills out a registration form indicating that the competitor has completed the self-tech on their car and Personal Protective Equipment (PPE) so that it conforms to the CARS Rallycross standards. A Gatekeeper at the entrance of the event confirms the registration has been completed prior to allowing the volunteer or attendee onto the event. Minor competitors also have to sign the Minor Waiver and a parent or guardian is required to sign the parent waiver.

## **DRIVER'S MEETING**

The driver's meeting is the second event of the day for competitors. Here, all last-minute instructions are given to competitors about the day. Safety instructions are also given out. Competitors are told that passing is not permitted under any circumstances. If a faster vehicle catches a slower vehicle, they are to slow down and follow the vehicle through the remainder of the course, and they will be given a rerun (see "Reruns"). If a vehicle stops on course, all other competitors are required to stop at the stopped vehicle's location; if it is determined the stopped vehicle will not be proceeding, the other vehicles are instructed to slowly return to the start area.

All new competitors are instructed on how the competition works, and any questions are answered at that time. Competitors are also asked to act as marshals when not out doing their runs. Marshals are to wear a provided orange and yellow safety vest and carry a walkie-talkie with them when marshaling. Marshals are instructed to reset pylons only when it is absolutely safe to do so, and to be aware of competing vehicles around them at all times. Marshals are placed on the inside of the course, not on the outside of any turns.

## **COURSE DRIVE**

At the conclusion of the Driver's Meeting, a course drive is held with all competitors out on course simultaneously at slow speed (first gear only). The purpose is to familiarize the competitors with the day's course, making it far less likely that competitors will go off course and possibly interfere with another competitor.

## **RERUNS**

If a competitor is slowed down by another competitor — whether they are simply faster than the vehicle in front, or the vehicle in front has a mechanical or tire failure — their time will be negatively impacted

through no fault of their own. In these instances, the impacted competitors are allowed to start their runs over again in a re-run. This ensures that competitors do not feel compelled to try and pass a competitor they catch up to. The vehicle causing the re-run does not get a re-run.

## **FIRE**

Competition vehicles can catch fire, so fires are a possibility. The facility is a large open space, so the chance of fire spreading beyond one vehicle is negligible. Two large 20-pound fire extinguishers are on site. One will be present at the starting/timing area, and the other will be placed strategically mid-track. The marshals near both extinguishers will be shown how to use them. In the rare instance of a fire that is not immediately put out, the closest fire department is less than 14 km away, at 22142 S Cooking Rd, Sherwood Park, AB T8E 1J1. They can be called by anyone at the Rallycross site by dialing 911. There is cell phone service at the competition site.

## **ACCIDENTS**

Several members of the organizational crew and competitors hold a First Aid Certificate and are able to render first aid in case of an emergency. In case of a more serious injury, the injured person(s) can be transported to the Grey Nuns Community Hospital, Edmonton, which is 25 km northwest of the competition site. In the most serious cases, Strathcona County ambulances can attend injuries at the competition site. In this case, the Strathcona County RCMP detachment would also be notified and would come to the competition site.