



Avo Šultsi Memorial Race 2012

Schedule

16th of September 2012

The competition rules are published and online registration starts at http://www.autosport.ee/4x4reg/?page=28&race_id=18&lang_id=2

8th of November 2012

at 23:59 – online registration ends

16th of November 2012

at 18:00 – Race Centre is opened

at 19:00 – reception and technical inspection for all race classes starts at the Race Centre

at 22:00 – the checkpoint files and legend of the Prologue are published at www.4x4offroad.ee

at 23:00 – the Prologue briefing for competitors (TR1, TR2, TR3, VABA, VABA13) is held. The briefing takes place at the Race Centre

at 24:00 – the first team (TR1, TR2, TR3, VABA, VABA13) starts the Prologue

17th of November 2012

at 02:00 – the checkpoint files and legend of the Main Course for cars are published at www.4x4offroad.ee

at 06:00 – the Prologue briefing for competitors (ATV) is held

at 06:00 - the checkpoint files and legend of the Main Course for competitors (ATV) are published at www.4x4offroad.ee .

at 06:30 – the Main Course briefing for competitors (TR1, TR2, TR3, VABA, VABA13) is held at the Race Centre

at 07:00 – the first team (TR1, TR2, TR3, VABA, VABA13) starts on the Main Course

at 07:00 – the first ATV team starts the Prologue

at 09:30 – the Main Course briefing for competitors (ATV) is held

at 10:00 – the first ATV team starts on the Main Course

18th of November 2012

at 07:00 – Finish is closed

at 08:00 – provisional results are published

at 08:30 – the acceptance of protests ends

at 10:00 – award ceremony at the Race Centre

NB! Since the timetable depends heavily on the weather conditions, the timetable may change - in that case the organizer will disclose any changes by issuing a bulletin. All briefings for competitors are held in the Race Centre at the Message Board.



1. Specification and organizer of race

- 1.1. **The off-road endurance race “Avo Šultsi Memorial Race 2012” is organized** by Luige Team OÜ from 16 to 18 November 2012 in accordance with the competition regulations of the 4x4 Sub-Committee of the Estonian Motor Sport Association (EMSA), the 4x4 NEZ CHAMPIONSHIP 2012 rules, these rules, any bulletins attached hereto, and the explanations given at the briefings for competitors.
- 1.2. The competition is registered with EMSA - reg. no. 93/OR.
- 1.3. „Avo Šultsi Memorial Race 2012“ constitutes Stage of the Estonian 4x4 Off-Road Championship for competition categories TR-1, TR-2, TR-3, VABA and ATV.
- 1.4. „Avo Šultsi Memorial Race 2012“ constitutes Stage 3 of the 4X4 NEZ Championship 2012 for competition categories TR-1, TR-2, TR-3 and OPEN.
- 1.5. **Race officials**
 - 1.5.1. Director of Competition (main organizer): Oliver Šults
 - 1.5.2. Head of Competition (Chief Referee): Aivar Parts
 - 1.5.3. Assistants to the Head of Competition: Priit Jüriloo ja Vallo Nurme
 - 1.5.4. Jury of the Competition: Krisjanis Viduss (LAT), Valeri Morozov (EST) ja Yuri Ovchinnikov (RUS)
 - 1.5.5. Reception: *to be published in a bulletin no later than on 16.11.2012*
 - 1.5.6. International Communications Manager of the Competition: Mait Mumme
 - 1.5.7. Head of Technical Committee: Peeter Eltmaa
 - 1.5.8. Timekeeper: Arto Künnapas
 - 1.5.9. Security officer: Gleb Kanatnikov
 - 1.5.10. Quick response unit: Siim Kalmus, Tanel Puu, Jako Kaasik
- 1.6. *Marking of officials:*
 - 1.6.1. *Red vest – senior officials*
 - 1.6.2. *Yellow vest – referees*
- 1.7. **Official information channels of the race**
 - 1.7.1. Official information for the race is available on the Internet at www.4x4offroad.ee
 - 1.7.2. The co-ordinates of checkpoints, bulletins, location of competing vehicles on the course and other necessary information can be downloaded from www.4x4offroad.ee which is accessible also through a Wi-Fi network set up in the Race Centre. The competitors are required to ensure that they have the technical facilities to download information from the Wi-Fi network (there are 500 to 1500 checkpoints).
 - 1.7.3. The competition rules and bulletins are published and archived on the web page of the 4x4 Sub-Committee of EMSA at <http://eal.4x4.ee>

2. Overview of race course

- 2.1. The race is held in Ida-Viru County in the quarries of Sirgala and Narva.
- 2.2. The length of the race course is approximately 150 km.
- 2.3. The race course is the same for all competition categories and must be completed only with off-road or all-terrain vehicles.
- 2.4. The race area is partially open for public traffic.
- 2.5. The Race Centre is located in Ida-Viru County in Sirgala quarry, on the territory of the former service facility of the quarry. The geographical coordinates of the Race Centre: 59°18'34"; 27°44'38"
- 2.6. The reception, technical inspection of competing vehicles, the briefings for competitors and distribution of additional information take place at the Race Centre.



3. Competition categories

- 3.1. Off-road and all-terrain vehicles conforming to the technical specifications of the 4x4 Sub-Committee of EMSA:
 - 3.1.1. Sport category TR-1, TR-2, TR-3, VABA, ATV
- 3.2. Off-road vehicles conforming to the technical specifications of 4X4 NEZ Championship 2012:
 - 3.2.1. Sport category TR-1, TR-2, TR-3, 4X4 OPEN
- 3.3. Off-road vehicles conforming to the technical specifications of the 4x4 Sub-Committee of EMSA category VABA13

4. Team members

- 4.1. The team members must be older than 16 years of age; there are no genders or other age-related restrictions.
- 4.2. In categories TR-1, VABA13 and VABA / 4X4 OPEN, the maximum number of team members is limited to the number of seats equipped with 3-point seat belts.
- 4.3. In categories TR-2 and TR-3, the maximum number of team members is three (3).
- 4.4. In category ATV, one team consists of two ATVs and two competitors.
- 4.5. The particulars of team members (given name, surname, personal identification code, contact address, mobile phone number, and the EMSA competitor card / competitor license number) are submitted to the organizer in the registration form.
- 4.6. The team members and their number may not be changed without good reason and the permission of the organizer.

5. Participation conditions

- 5.1. Documents required from the team:
 - 5.1.1. Categories TR-1; TR-2; TR-3; VABA (4X4 OPEN), VABA13:
 - 5.1.1.1. Driver's license (1st and 2nd driver)
 - 5.1.1.2. EMSA 4x4 Sub-Committee competitor card or 4x4 license issued by a motor sport association of the country of residence - required from all team members present in the competing vehicle
 - 5.1.1.3. Vehicle registration certificate
 - 5.1.1.4. Valid motor third party liability insurance policy and roadworthiness certificate
 - 5.1.1.5. Copy of payment order verifying the payment of the participation fee (printout from Internet bank)
 - 5.1.1.6. Technical certificate of competing vehicle (Estonian competitors TR-2; TR-3; VABA13)
 - 5.1.2. Category ATV:
 - 5.1.2.1. Driver's license for the relevant vehicle category
 - 5.1.2.2. Vehicle registration certificate
 - 5.1.2.3. Copy of payment order verifying the payment of the participation fee (printout from Internet bank)
 - 5.1.2.4. EMSA 4x4 Sub-Committee competitor card or 4x4 license issued by a motor sport association of the country of residence
- 5.2. All team members must appear at the reception desk where a participant form is issued to the team.
 - 5.2.1. An entry on successfully passing the technical inspection will be made on the participant form.
 - 5.2.2. Where necessary, entries are made on the participant form during the competition as well: at the Start, Finish, and manned checkpoints.
 - 5.2.3. The participant form must be submitted at the Start, Finish, and manned checkpoints in accordance with the orders given by a referee.



- 5.3. Each competing vehicle must display a participant number to allow identification of the vehicle on the course. Any questions about numbers must be settled before registration and payment of participation fee. The organizer of the race does not issue participant numbers. The participant number is assigned to the team by the 4x4 Sub-Committee of EMSA and made by the team itself in accordance with the criteria set by the said committee:
(http://eal.4x4.ee/index.php?option=com_content&task=view&id=41&Itemid=58). The participant numbers of foreign competitors is determined by the 4x4 Sub-Committee of the place of residence. Information on participant numbers: ermi@tipnet.ee, or phone +372 5665 6131. The team is responsible for keeping the participant number legible for the referees throughout the race.
- 5.4. **An identification chip is attached to all competing vehicles at the technical inspection. If the chip is lost or damaged, the team is required to reimburse the cost of the device 60€ to the organizer. GSM/GPS controllers are attached to a competing vehicle selected by the organizer to provide real time information on the vehicle's movement and its location on the track. If the GSM/GPS controller is lost or damaged, the team is required to reimburse the cost of the device 250 € to the organizer.**
- 5.5. The pilots of all teams must sign a declaration that they respect all competition rules, do not harm the environment and that they have examined and understood the provisions of the competition regulations.
- 5.6. The pilot (the competitor who signed a declaration referred to in the previous paragraph) is responsible for violations and malpractice due to the behavior of team members.
- 5.7. The team at fault shall compensate for any damage caused to third parties or other competitors during the competition.
- 5.8. **In all competition categories, all team members must wear a car or motorcycle helmet while driving on the race course.**
- 5.9. All competitors sojourn on the race course on their own responsibility.
- 5.10. The race organizer or the EMSA do not accept liability for any material or moral damage caused by a team to themselves or third parties.

6. Registration and participation fee

- 6.1. Registration for the race is available on the Internet **from 00:00 on 16 September 2012 until 24:00 on 8 November 2012**. To register, a registration form must be completed at http://www.autosport.ee/4x4reg/?page=28&race_id=18&lang_id=2. A team is deemed as registered once the duly completed registration form has been submitted and the participation fee has been paid in due time to the bank account set out by the organizer in paragraph 6.5.1 hereof.
- 6.2. In addition to the participation fee, all teams are required to pay a **security of 60 € for the identification chip**. This security for the chip can be paid only in cash on 16 November at the reception desk. The security will be refunded immediately after the award ceremony or according to agreement.
- 6.3. Participation fees
 - 6.3.1. For categories TR-1;TR-2;TR-3; VABA / 4X4 OPEN; VABA13: **190 €**
 - 6.3.1.1. **From 16.09.2012 until 16.10.2012 - 171 EUR**
 - 6.3.1.2. **From 17.10.2012 until 8.11.2012 - 190 EUR**
 - 6.3.1.3. Registering at the reception desk on November 16 – **210 EUR**
 - 6.3.2. For category ATV:
 - 6.3.2.1. **From 16.09.2012 until 16.10.2012 - 110 EUR per team**
 - 6.3.2.2. **From 17.10.2012 until 8.11.2012 - 120 EUR**
 - 6.3.2.3. Registering at the reception desk on November 16 – **130 EUR per team**
- 6.4. The above fees apply to competitors who agree to affixing the organizer's promotional materials on their competing vehicle. If a competitor refuses to affix organizer's promotional materials by making a relevant entry on the registration form, the above fees will be double. Promotional materials relating to the race logo and participant number cannot be waived.



- 6.5. Procedure for payment of participation fee
- 6.5.1. The participation fee must be paid to the following bank account: Luige Team OÜ, Swedbank a/c: 221055611621, IBAN: EE80 2200 2210 5561 1621, BIC: HABAE2X.
- 6.5.2. **The "Notes" section on the payment order must display the following: competition category, participant number and team name. Example: TR-1 132 Offroad NB!** When making the payment please ensure that it is received in due time on the above bank account. Also, be sure to retain a copy of the payment order.

7. Race details

- 7.1. The endurance race of off-road and all-terrain vehicles consists of two legs –Prologue and Main Course.
- 7.2. Teams which hold a completed participant form and have undergone technical inspection are admitted to the Prologue start.
- 7.3. At the start area, the participant form and membership of the team are scrutinized.
- 7.4. **Starting order**
- 7.4.1. The competitors start for the Prologue in the order of registration, i.e. the receipt of participation fee, cars at 5-minute intervals, ATV at 3-minute intervals. The Prologue is drive in accordance with the Prologue legend obtained at the reception desk. The length of the Prologue is about 10 km and it takes approximately 1 hour to complete it. The maximum time limit for completing the Prologue is 2 hours. If a team exceeds the maximum time limit, it may leave the course and according to the result it will be classified either as "started the Prologue" or as "did not finish".
- 7.4.2. The first to start on the Main Course is the team which completed the Prologue in the shortest time. The second to start on the Main Course is the team which was second fastest on the Prologue.
- 7.4.3. The start for the Main Course is given in accordance with rounded results multiplied by a coefficient. The coefficient is one.
- 7.4.4. The time of completing the Prologue will be rounded to full minutes (00:00:00 < 0:01-0:29 and 0:30-0:59 > 00:01:00). The time lost to the leader on the Prologue will be multiplied by the coefficient and the time thus derived will constitute the time of starting on the Main Course after the start of the first team. Similarly, the starting time is calculated for all the other teams which completed the Prologue within the maximum time limit. The teams which started the Prologue but did not complete it within the maximum time limit start all at once 10 minutes after the last team which has started on the basis of eligible results of the Prologue. Teams which complete at least half of the Prologue course [measured in kilometers, rounded to full kilometers (0,000 km < 0,001-0,499km and 0,5-0,999 km > 1 km)] are classified as "started the Prologue". Teams which „did not finish“ the Prologue (completed less than half of the Prologue course) and „did not start“ will start on the Main Course 60 minutes after the last team which has started on the basis of eligible results of the Prologue.
Example: Team A spent 1 hour, 20 minutes and 5 seconds to complete the Prologue. Team B spent 1 hour, 30 minutes and 44 seconds to complete the Prologue thus ranking 14th. After rounding their times are 01:20:00 and 01:31:00, respectively. For example, the coefficient is 1. Thus, team B is 14th to start on the Main Course, 00:11:00 after team A started on the Main Course.
- 7.5. **Race course**
- 7.5.1. The race course is defined as checkpoints given in the form of Deg° Min' Sec,Sec“. The checkpoints together with comments are given on paper and they are also available in electronic form for downloading to a computer but **ONLY in Ozi format**.



- 7.5.2. The team must pass the checkpoints in their numerical order 1 -... . Each checkpoint might or might not have an electronic timer with sensor, or a referee. All checkpoints with an electronic timer with sensor, or a referee, are visibly marked with bands and a timing point symbol. In a manned checkpoint, the referee makes an entry on the participant form about passing the checkpoint, or where necessary, an entry about the waiting time. In checkpoints with electronic timer with sensor, the team itself registers their arrival at the checkpoint by placing the sensor attached to the competing vehicle on the timing device. For the sake of clarity of the race course, some course sections are bounded by a band. Passing through the bands or relocating them is prohibited.

Timing point symbol

Prologue / Main Course Start

Prologue / Main Course finish



100 cm



100 cm

100 cm



100 cm

100 cm

- 7.5.3. During the competition, only the track described in the track legend can be used for racing during the competition. Any kind of driving on the track takes place only along the foreseen direction. In case a team has involuntarily missed some Time Controls (TC) (electronic mark is missing) and the team still wishes to continue the competition, it is obligatory to inform the main organizer Oliver Šults (+3725298918) or the timekeeper Arto Künnapas (+3725090585) by telling the TC number where the team is located and move according to the instructions received from Oliver Šults back to TC where the team had the last correct electronic TC mark. When returning to the TC, the team has to perform new electronic TC marking and continue along the track indicated in the legend. It is strictly forbidden and punishable to move opposite the direction indicated in the legend.
- 7.5.4. Intentional or unintentional compromising (e.g. damaging the band which bounds the track), concealment or alteration of race course markings is prohibited. Boundary marks may be relocated under extraordinary circumstances only by the referee who will in the case of need also determine the direction of passing the obstacle which has been encountered on the course. Furthermore, there might be places on the course where the organizer provides assistance by using a winch, tow vehicle or winch anchor in order to prevent any traffic jams on the course.
- 7.5.5. The technical assistance points are marked on the legend as "TA". The team's technical assistance vehicle may arrive at these points only by using public roads. Technical assistance vehicles may drive on the race course only after the Finish has been closed (i.e. after 07:00 on 18.11.2012).
- 7.5.6. Technical assistance on the race course and third-party assistance for moving on the track is prohibited. Only the team members may carry out repair and maintenance on the race course.
- 7.5.7. TCs which are supplied with electronic time-taking sensors have a TC symbol and tables with TC numbers TC1; TC2, etc.

8. Driving on the race course

- 8.1. The maximum permissible driving speed on the race course is 70 km/h. If this limit is violated, the team will be disqualified.
- 8.2. The entire course width may be freely used during the race if no other competitors are in the immediate vicinity. **If on a straight section of the course, a competing vehicle which moves faster catches up with a competing vehicle which moves slower, the vehicle in front must immediately give way to the faster vehicle by moving to the edge of the track.**



- 8.3. If several competing vehicles move concurrently on the same track section, the vehicle in front has the right of way as regards choosing its trajectory. The vehicle in front forfeits its right of way if the competing vehicle behind it has reached side by side with the vehicle in front. The vehicle behind reaches the side of the vehicle in front once the rear wheels of the vehicle in front and the front wheels of the vehicle behind become aligned. When driving side by side on straights or in curves, both competitors must ensure that the other competitor has the possibility to stay on the track - only parallel trajectories of movement are allowed.
- 8.4. Driving techniques which obstruct other competitors are prohibited. For example, too early changes of direction, intentional jamming of vehicles towards the inside or the outside of the curve, and other techniques which put other competitors at risk. The competitor at fault will be penalized for intentional violation of rules. Repeated violation (including unintentional error) may result in the disqualification of the team.
- 8.5. Use of incorrect driving techniques.
Incorrect driving techniques include occasions where a competitor drives the curve at such a speed that it creates a dangerous situation. Also, classified as an incorrect driving technique is a situation where a competitor overtakes another competitor in a way which forces the other competitor to brake in order to avoid collision. Rear-end collisions and so-called "side ramming" are prohibited.
- 8.6. It is prohibited to overtake a moving (driving) competitor, if there is a danger situation on the course (traffic accident; an immobile vehicle in a spot where it is difficult or impossible to pass it).
- 8.7. Competitors must follow the orders and/or signals of the referees.
- 8.8. Movement assistance may be provided only by the other competitors.
- 8.9. Attaching a winch to a growing tree/bush without a tree protection belt is prohibited.
- 8.10. Attaching a winch to a power line mast is prohibited. In case of violation the team will be disqualified.
- 8.11. In a driving car, all competitors must have their seatbelts fastened and helmets on.
- 8.12. It is prohibited to remove covering elements of the bodywork (bonnet, doors, hatches etc) of the competing vehicle during the race.
- 8.13. **Penalties**
- 8.14. Penalties may be monetary or time-related. Where necessary the Chief Referee of the competition will adopt the respective decision which is not subject to appeal.
- 8.15. The competitors may not sojourn outside the passenger compartment of a competing vehicle if its speed exceeds 5 km/h (normal movement speed of a pedestrian).

9. Results

- 9.1. The provisional race results will be published on the official information board of the competition and at www.4x4offroad.ee 60 minutes after the finish is closed. The information board is located in the immediate vicinity of the reception desk.
- 9.2. Results are recorded in separate competition categories: VABA / 4X4 OPEN, TR1, TR2, TR3, ATV, VABA13. **The team which has passed all checkpoints in the correct order and finishes first is the winner.** After finishing, the team appears at the reception desk to submit the participant form to the referee, and the latter will remove the electronic sensors from the competing vehicle. The race results are adjusted where necessary in accordance with any signed entries made on the participant form by a referee (e.g. waiting at a railroad crossing). **The Chief Referee may end the race before the designated finish point** and announce the results if none of the teams reach the finish within the time limit. In this case, the results as at the last timed checkpoint which has been passed by at least 30 % of the teams which started will be taken into account. Teams on the race course will be notified of changed the location of finish by sending an SMS immediately after the Chief Referee's decision to the pilot's mobile phone number indicated on the registration form.



- 9.3. Teams which did not complete the entire race course are ranked after the finished teams in accordance with the number of consecutively completed checkpoints - if this number is equal, in accordance with the time of reaching the last timed checkpoint.
- 9.4. Teams will be classified as “did not finish” if:
 - 9.4.1. they did not come to the Secretariat until finish is closed with participant form and referee does not have to remove the machine identification chip.
- 9.5. The teams of competition classes TR1, TR2, TR3, VABA and ATV who have correctly passed the track until at least TC10 and have gained the final result at the competition are scored at Estonian 4x4 Off-Road championship. The teams of competition classes TR1, TR2, TR3, and OPEN who have correctly passed the track until at least TC10 and have gained the final result at the competition are scored at FIA NEZ 4x4 championship.

10. Nature conservation

- 10.1. The main criterion for taking part in the race is a nature-friendly attitude.
- 10.2. Attaching a winch to a tree is allowed only if a tree protection belt is used.
- 10.3. It is prohibited to pollute the environment with non-natural liquids (automotive fuel, oil etc).
- 10.4. During the race the competitors must refrain from damaging trees. It is prohibited to fell or break live trees, unless not doing so would put the life or health of team members directly at risk.
- 10.5. It is prohibited to use a chainsaw.

11. Protests and appeals

- 11.1. Protests may be filed in writing at the reception desk within 60 minutes from announcing the provisional results of the race.
- 11.2. The protest fee is 320 € which must be paid when filing the protest.
- 11.3. The protest fee is refunded only if the protest is settled in favor of the protestor.

12. Notifications and miscellaneous

- 12.1. Official notifications and changes in the competition regulations will be disclosed on the information board as a bulletin, or in the regulations for additional legs or at the briefings for competitors. **All orders and explanations given at the briefings for competitors are considered as official competition information.**
- 12.2. The competitors will be informed of any changes immediately before the start. **If changes occur in the course of the race, only the Head of Competition, Assistants to the Head of Competition and the Director of Competition have the right to notify the competitors.**
- 12.3. All issues not governed by these regulations will be settled by the Jury of the Competition.
- 12.4. Any damage to nature is subject to compensation by the team at fault after the preparation of the respective evaluation report and its endorsement by an environmental expert.

13. Awarding

- 13.1. The closing of the competition and the award ceremony take place in accordance with the timetable.
- 13.2. The first three teams in each category and the overall winner will be awarded.
- 13.3. The award recipients are required to attend the ceremony. If they are absent, they forfeit their entitlement to prizes.
- 13.4. The competition is open for special awards (public's favorite, the most helpful team, etc) and lottery prizes.