

CHALLENGING THE SNOWSTORM

Silk Way Snow Journey International Rally-Raid on snowmobiles

Overview of the competition running

The Silk Way Snow Journey International Rally-Raid on snowmobiles will take place from February 23 to February 25, 2023 in the Republic of Tatarstan.

The competition will be held according to the Snowmobile Enduro Discipline Regulations and the Competition Supplementary Regulations.

The following **race categories** are established for the competitors:

- Snowmobiles Enduro (among men, BPBC 0910007511Я code)
- PRO turbo+ class: men and women on snowmobiles manufactured in any country with turbo engines from 1000 cm³ inclusive and above;
- PRO+ class: men and women on snowmobiles manufactured in any country with engines from 1000 cm³ inclusive and above;
- PRO turbo class: men and women on snowmobiles manufactured in any country with turbo engines up to 1000 cm³;
- PRO class: men and women on snowmobiles manufactured in any country with engines up to 1000 cm³;
- Overall standings – competitors on the snowmobiles related to all the categories listed above.

Only one competitor can apply for the event on one snowmobile.
Substituting a competitor or snowmobile during the event is prohibited.
The presence of a helmet and warm snowmobile outfit is mandatory.

The route of the rally-raid on snowmobiles will be laid over cross-country without previously prepared snowmobile tracks.

The competition route is the route set by the Organizer that the riders must follow from the start to the finish of the competition. The route is divided into stages (days) with one or more selective sections (SS).

The official route is downloaded to the GPS devices provided to the competitors.

Preliminarily, the Silk Way Snow Journey International Rally-Raid will consist of **three stages (sports days)**:

- The first stage consists of a Super Selective Section (SSS/SS1) with a distance of about 4-5 km.
- The second stage consists of two Selective Sections (SS2 and SS3) with a distance of about 103 km each. Regrouping is possible between SS2 and SS3 to compact the field and free the route partially.
- The third stage consists of one Selective Section (SS) with a distance of about 103 km.

Sports vehicles must have a fuel distance of 70 km + 10%.

A refueling area will be organized along the competition route.

Overnight Service Park will be organized at the end of each stage.

The task for the competitors is to pass each selective section in the allocated time and reach the finish line opening all the waypoints (WP), located along the route, in the sequence provided by the Organizer.

It is obligatory to use the following navigation and safety systems provided by the Organizer on a rental basis (details can be found in the User Guide):

- GPS Unik 1;
- Active GPS Broadcasting Servicer.

Each competitor must purchase from the Organizer and independently install a mounting kit for installing a GPS Unik 1 device on a snowmobile.

Each Waypoint will be downloaded to the GPS Unik 1.

The competitor must respect the chronological order of the points downloaded to the GPS.

After the competitor passes the Waypoint, the device will automatically open the next Waypoint.

If a competitor has not passed a Waypoint, they can have the GPS move to another Waypoint by pressing “W+” or “W-”.

The penalty for not confirming the Waypoint passage will be published in the Supplementary Regulations or in the Bulletin.

In addition to the Waypoints (WP) on the competition track, Speed Zones (SZ) can be applied, where the speed of the riders is limited.

Passing WPs, obeying the speed limit in the SZs, as well as the maximum allowable speed of the competitor at the SS will be controlled by the Organizer using GPS ERTF Unik 1 track passing control devices and the Active GPS Broadcasting Servicer safety device.

The maximum allowed speed for the competitor at the SS will be published in the Competition Supplementary Regulations.

The Selective Section starts at the start point and ends with the Time Control at the finish line. The time at the SS is controlled to the nearest second or fractions of a second. The timing accuracy will be specified in the Supplementary Regulations.

The allocated time (standard) for the SS is the maximum time for the competitor to overcome a separate SS, set by the Organizer and specified in the Itinerary and the Time Card. A competitor who exceeds the standard will either be excluded from the event, or a fixed penalty will be applied to them. The Organizer does not guarantee the operation of the Control Points for competitors who have exceeded the standard.

A fixed penalty is expressed in terms of time, either added to other penalties already received by the competitor in accordance with the Competition Supplementary Regulations, or replacing them with absorption.

Itinerary: An official document that fully describes the competition running over time. The Itinerary is issued to the competitors at the Administrative Checks.

Time Card: A form issued by the Organizer that records the fact and/or time of passing the Control Points during the competition.

The **starting order** for the first SS (SSS) will be determined by a draw.

The sequence of categories is determined by the Chief Marshal.

The start of the second stage will be carried out in accordance with the classification after the SSS.

The start of the third stage will be given according to the general classification of all SSs of the second stage.

The classification of each SS is made taking into account the penalties related to this SS.

The competition results.

The competitor result is determined by adding the real time set at the SSs and all penalties expressed in time.

The competitor with the lowest score will be declared the winner, the competitor with the next lowest score – the runner-up, and so on.

In case of equality of results, the winner is determined by the last SS results.

In case of repeated equality, the results of the previous one are taken into account, and so on.

In case of repeated equality of the result, the decision is made based on the SSS results. In case of SSS results equality, the championship is determined by starting numbers.

Control Points. The following control points are used at the competition: “Time Control (TC)”, “Start”, “Finish”, “Stop”. Competitors must stop and present the Time Card to the marshals at the control points “TC” (to get a record of the exact time of arrival and set the start time), “Start” (to record the actual start time), “Stop” (to record the finish time).

The selective section (SS) ends with **“on the move” finish. It is prohibited to stop in the Finish Control Area between the “SS Finish” yellow signs and the “STOP” signs.**



A detailed description of the control points work, the competitors' actions in the control point areas, a description of the signs indicating the control points and other features of the rally-raids will be described in the Competition Supplementary Regulations that will be published on the Organizer's website.

Application for participation in the competition.

To participate in the event, the competitor (or their representative) should submit a completed Application for participation to the Organizer, accompanied by the Entry fee and copies of the required documents. The Application for participation must be completed on a computer and sent to the following address: info@silkwayrally.ru.

The Organizer must confirm the Application receipt.

The registration period for the competitors is from December 20, 2022 to February 16, 2023.

Competitors under the age of 16 are not allowed to participate in the event.

Foreign competitors are allowed to participate in the event – residents of other countries who have a valid international or national License of any FMN – FIM member, corresponding to the competition status. All foreign competitors must have permission from the FMN that issued the license for their participation in this competition and an insurance policy valid on the territory of the Russian Federation.

The competition starts with the Administrative Checks and Scrutineering. The schedule of the Administrative Checks and Scrutineering will be published along with the entry list.

Riders taking part in the competition must be present at the Administrative Checks and Scrutineering in accordance with the competition schedule.

Administrative Checks consist of documents check:

- the passport;
- valid sports license (permit);
- permission to compete from their National Federations (FMN): stamp on the application, letter from the FMN or inscription on the license for holders of the licenses issued by FMN other than MFR;
- a document confirming the rider's insurance against injuries and accidents valid during the competition.

Medical control will be carried out during the Administrative Checks. A valid* medical certificate is required.

The extent and types of personal insurance are determined by the competitors. The presence of individual insurance policies, providing for insurance of sports risks in the amount of at least 300,000.00 rubles and valid on the territory of the Russian Federation during the competition period, is mandatory and is controlled at the Administrative Checks. The Motorcycle sports must be indicated in the "Type of Insurance" section.

The driver's license (permit) can be issued online on the MFR website or at the competition during the Administrative Checks (information will be published later).

The license is issued to the competitor against presentation of a completed application for a license, * a medical certificate (a sports dispensary/sports medicine doctor) and an individual insurance policy.

The cost of a single license is 2,000 rubles, the cost of an annual license is 6,000 rubles.

Competitors need to read and understand the Supplementary Regulations of the Silk Way Snow Journey International Rally-Raid on snowmobiles (Enduro on Snowmobiles).

The documents will be published on the Organizer's website <https://silkwayrally.com/> and in the MFR Cross-Country Rally Telegram channel https://t.me/mfr_rr_official



**SILK
WAY**

**SNOW
JOURNEY**

Description of the ERTF Unik 1 device

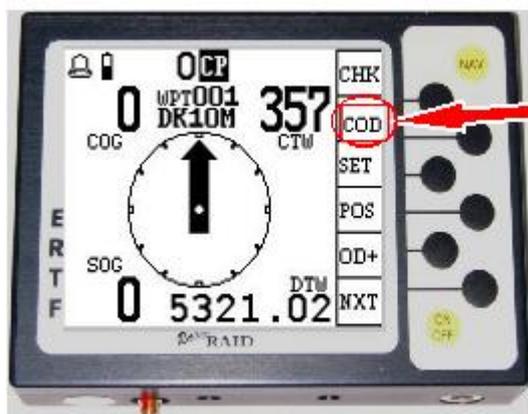


Fig.1 Main view of Unik 1 with all necessary accessories

The device is connected to the vehicle onboard network. An external battery (on the right in Fig. 1) is optional and may not be included.

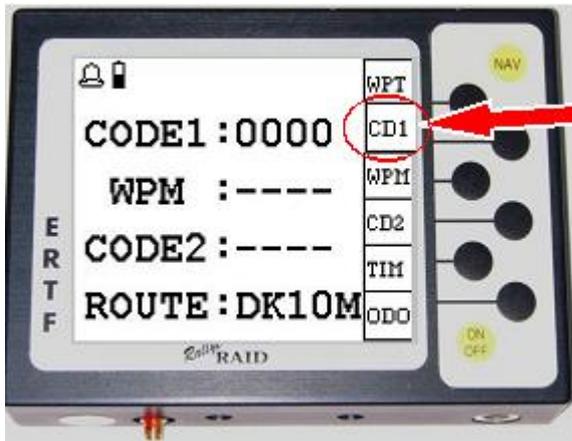
The general principle of work with the device is the following: after switching on and entering the “code of the day”, the device leads the competitor sequentially along all the Waypoints. After the point passage, the distance and course to the next point appear on the screen, as well as an arrow showing the direction to it. The device does not contain maps and only shows the direction, without considering the terrain.

[The GPS code is announced in the evening of the previous day](#)



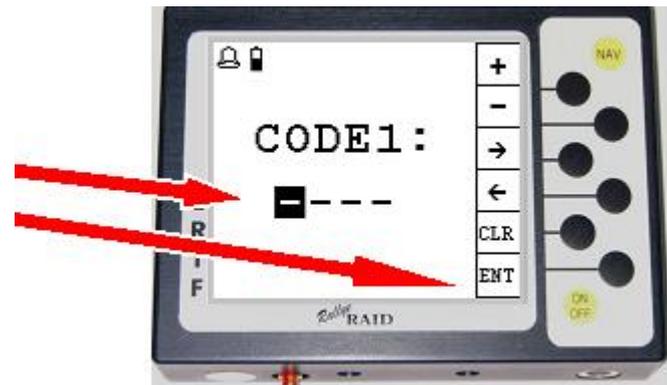
Press the COD button

(Main navigation screen: NAV)



Press the CD1 button

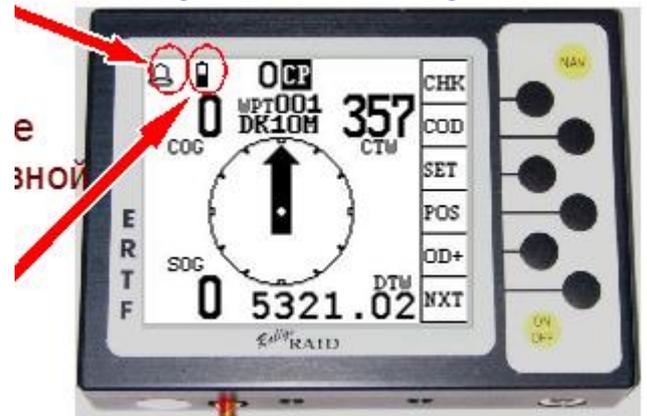
1. Enter the code of the day
2. Press ENT to confirm



The device correct operation check (is on, receiving the satellite signals)



- Indicates no GPS reception
- Disappears a few minutes after switching on when the device is working properly



Power indicator from the vehicle onboard network

Navigation's start:

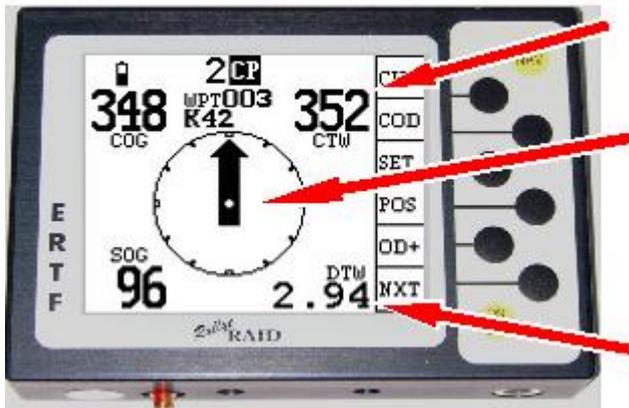


NAV: return to the main screen from anywhere

The arrow shows the direction to the next point



30 m before the point the device emits a sound signal and automatically switches to the next point.



Course To Waypoint

Arrow showing direction to a Waypoint

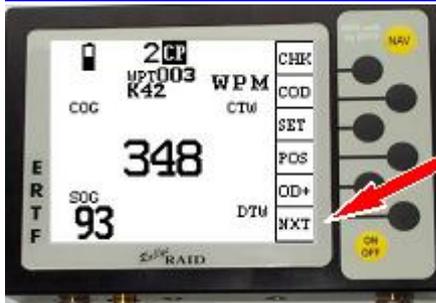
Distance To Waypoint



The point is considered passed (“taken”) only if you pass within a radius of 30 m from it

As soon as the device has “taken” a point, it automatically switches to the next one (for example, in this case – “Wpt 003”)

What to do if I missed a Waypoint and would like to go to the next one

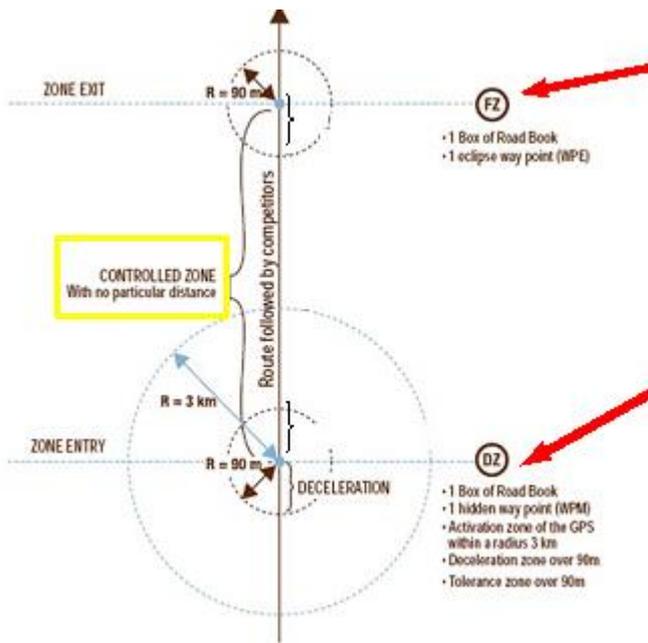


NXT: change destination

Go to the next point in the list



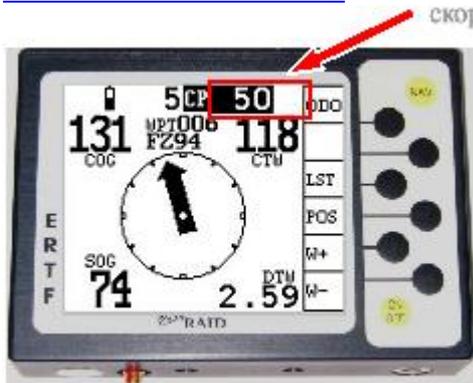
Speed control



Speed control ends at the FZ radius entrance

Speed control starts at the DZ radius exit

At the DZ entrance:



Speed control at the entrance



Speed control inside the Speed Control zone

