



FIM Hard Enduro World Championship  
Supplementary Regulations  
Xross Hard Enduro Rally, Zlatibor, post number 31315, Serbia  
Date 17-20. May 2023  
IMN 412/01

## **ANNOUNCEMENT**

April 25<sup>th</sup>, 2023

The organizer, **Auto Moto Endurance**, will promote a round of the 2023 FIM Hard Enduro World Championship on behalf of the **Auto-moto Association of Serbia**. The event will be held in accordance with the Sporting Code of the FIM together with the relevant Appendices, these Supplementary Regulations and any final instructions approved by the FIM International Jury.

## **Supplementary Regulations** **Xross Hard Enduro Rally, Serbia, 2023**

FIM Enduro World Championship License Holders competing for FIM Hard Enduro World Championship points in the above event are forced to act in accordance with:

- the Sporting Code of the FIM (incl. all appendices)
- Supplementary Regulations as following
- and any instructions by the Clerk of the Course and the FIM International Jury during the event

### **1) Event Organizer**

Club Name: Auto Moto Endurance  
Address: Kaludjerske bare bb  
Tel. No: +381 64 641 74 75  
e-Mail.: [vladan.komatovic@gmail.com](mailto:vladan.komatovic@gmail.com)  
web site: [www.xross.rs](http://www.xross.rs)

### **2) Registration**

All registrations must be made in writing by an “electronic” entry form available on the web site [www.xross.rs](http://www.xross.rs)

Registrations will become valid once the:

- World Championship fee and event fee has been received on the announced account
- the entry form has been signed, at Administrative Control on site.
- the competitor has signed the possible disclaimers during Administrative Control.



### 3) Administrative Control

Administrative Control will take place on **17.05.2023.** from **7AM-9:30AM** at [Hotel Zlatibor Mountain Resort and Spa.](#)

All competitors have to submit:

*(See: FIM HE WC Regulations 2023, 60.8.1)*

- FIM Enduro World Championship License
- Starting Permission from their National Federation (FMN), if required
- Driving License (if public roads are used during the race)
- During Administrative Control, transponders and mounting instructions will be distributed (deposit)

#### Starting Numbers:

- Starting numbers will be handed out at the Administrative Control
- numbers must be placed above the headlight and on the side panels (left/right)
- In the event that they are not well positioned, the race direction may disqualify the rider
- If damaged, it is the rider's job to request new numbers from the organizer
- The number will remain the same throughout the entire race
- Non FIM HEWC riders race numbers will be issued by the organizer according to last year's results

### 4) Technical Control

Technical Control will take place on **17.05.2023** from **7AM-9:30AM** at [Main Paddock, Zlatibor](#)

#### 4.1) Marked Parts

All competitors have to submit their motorcycle prepared according to the **FIM Technical Rules Hard Enduro 2023.**

Following parts will be marked:

- Frame (right hand steering head)
- Crankcase (right or left side)
- Silencer (on the top)

Marked parts must be used throughout the entire competition and must be in their proper place at the final examination.

*(Source: FIM HEWC Regulations 2023, 60.7)*



#### 4.2) Sound Control

Sound Control will be done based on "2mMax Method".

Sound limits are:

- 114 dB/A ahead of race,
- 115 dB/A after the race.

*(Source: FIM SOUND Regulations 2023, E 3, page 11)*

Each rider or his mechanic can present a maximum of one (1) motorcycle and one (1) spare silencer. Should damage or deterioration occur to the original silencer it may be changed for the marked silencer without penalty.

For detailed information see FIM Sound Regulation 2023.

#### 4.3) Street Legality / Tyres

Parts of the event Xross Hard Enduro Rally takes place on public roads and land, therefore:

- Motorcycles have to be street legal, bikes have to be registered and insured
- must have a light mask mounted in the front
- homologated Enduro tyres are permitted, tyres shall be available to the public
- Motocross tyres are permitted as long as legal roads are not used as a part of a track.
- Trial tyres are strictly forbidden

*(Source: FIM Tech. Reg. HE 2023, 1.49, page 13-14)*

#### 5) Event Format Xross Hard Enduro

Location: Zlatibor, Serbia

Duration: 4 days

Date: 17. – 20. May 2023

Format qualification: 2 Qualifying Laps, top 16 in final race - EnduroCross

Format Main Race: Single runs, Hard Enduro Rallye with Checkpoints, refuel-points and one service area (Day 2, 3, 4)

Classes: Pro, Expert, Hobby, Amateur

Track: EnduroCross: natural and artificial elements in a closed racetrack  
Off-road-days: Tape marked with split-signs for each class (service area)

Checkpoints: Competitors will pass through multiple Special Stages on all off-road-days.  
All riders are obliged to come to a full stop next to the CP-staff inside the established corridor in order to be noted and confirmed.



Overtaking is not permitted

Refuel Areas:

On all off-road-days fuel will be supplied in designated refuel areas.  
Fuel will be given to the competitor only with **Engine OFF**.  
The competitor is not allowed to stay on the bike while refuelling.  
The competitor refuels the bike by himself.  
Overtaking is not permitted

Service Areas:

On all off-road-days, one service area will be provided.  
**Service-time:** 20 min  
Time will be stopped at the CP-in and will be restarted at CP-out. Missing the given CP-out time will result in penalty time. Mechanics and riders can work on the bike, change of non-marked parts, tires, food, water etc

GPS/Navigation:

**GPS devices are mandatory.** Competitors will receive their own GPS loaded with the racetrack map, in the morning before the race day. The use of 2 GPS's per competitor is permitted. The competitor is responsible for handing in his GPS device at the Off-road finish. Not handing in the GPS or failing to provide a "complete recorded track" will result in penalties.  
All riders will ride with an additional GPS tracking device supplied by the organizer.  
**GPS – Corridor** of the race track is **50 meters** wide.  
*(See: FIM HEWC Regulations 2023, 60.7.3)*

Assistance:

***See: FIM HEWC Regulations 2023, 60.5.8, 60.5.9***

Training:

No bikes are permitted on the track before the official race start!  
Riding on the track before the official start may be punished with disqualification!  
Training/bike testing is permitted only in the specially marked training area and only during specified time, see notice at race office.

Riders Briefing

A detailed riders briefing is to be held every day, for the next race-day by latest 21:00. An online copy will be published on the website or sent to the riders in a newsletter.

Classification

The winner is determined by adding the penalties, added times of prologue, plus the sum of the fastest total time from all Off-road-days. Results can be influenced by added penalties after analysing GPS recordings!

Not finishing an offroad day, due to not reaching a checkpoint before the timebar closes. Results in a **DNF the day**, classification, and the rider will receive the **maximum riding time penalty**. A rider is allowed to continue the race as long as he has not received a DNF the day twice. **Receiving a DNF the day twice, results in a DSQ of the whole race.**

***See: FIM HEWC Regulations 2023, 60.9***



### 5.1) Wednesday, 17.05.23 Prologue, EnduroCross

Format: EnduroCross, single run qualifying  
Schedule: See attached [event schedule](#)  
Course: Closed track with artificial obstacles

#### Qualifying Procedure:

##### **Amateur, Hobby Expert:**

- Riders in each class start individually by starting number
- **Start-interval 15 sec**
- **2 laps in total**, the faster time, defines the classification
- According to this result, the top 16 riders will compete in the final race

##### **Pro:**

- 5 min practice time
- Riders start individually by starting number
- **Start-interval 20 sec**
- **2 laps in total**, the faster time, defines the classification
- According to this result, the top 16 riders will compete in the final race

#### Starting Procedure for finals:

- o Riders placed in rows of 4
- o **Engine OFF** – starting an engine before the start light is off, results in a time penalty
- o **Start signal** – **RED** light OFF

#### Results:

For all classes, the result of the EnduroCross will define the added time that is added to the official overall race time for all off-road-days

#### Added times:

1	0min	9	5min 15sec
2	1min	10	5min 30sec
3	2min	11	5min 45sec
4	3min	12	6min
5	3min 30sec	13	6min 15sec
6	4min	14	6min 30sec
7	4min 30sec	15	6min 45sec
8	5min	16	7min

- **12min** for all riders who did not show up at the start of both their qualification runs
- **9min** for all riders who started but didn't finish the at least one qualification run
- **7min** for all riders who started and finished at least one qualification run, and their qualification time is from position 17. and above. They will be sorted based on prologue time for starting position of Offroad-day1.
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#### Premature Stopping:

- In case of Premature Stopping, Rider will go back on start and all other riders on start will be shifted for certain time.



## **5.2) Thursday 18.05.23 Offroad Day 1 (OD1)**

- Format: Hard Enduro Rallye
- Racetrack length dry condition: 100km
- Racetrack length wet condition: 80 km
- 2 Special stages (length 90km)
- 2 Liaison (length 10km)
- Service Area

### **7:30) Line up at start**

- Starting order based on Prologue result
- Top 3 of Prologue classification, can choose their starting position from first to third, for offroad day 1. Picking order 1<sup>st</sup> to 3<sup>rd</sup>.
- Fastest pro class and fastest hobby class competitor, line up first
- All others follow by classification

### **8:00) Start**

- Fastest pro class and fastest hobby class competitor, start first on given start time
- Start interval: 30 seconds
- Missing of start time or prestart will result in 5 min penalty time

### **13:00) Finish (approx.)**

- All Pro-class Competitors who reach the finish have to hand in their GPS at the responsible person
- Daily Result is defined by total Race time OD1 + any given penalties after GPS check is done (Speeding, leaving track, shortcutting etc.)

### **Premature Stopping:**

In case of Premature Stopping, riders at the start will stay on hold and will be informed by the Clerk of the Course.



### **5.3) Friday 19.05.23 Offroad Day 2 (OD2)**

- Format: Hard Enduro Rallye
- Racetrack length dry condition: 107km
- Racetrack length wet condition: 80 km
- 2 Special stages (length 70km)
- 2 Liaison (length 30km)
- Service Area

### **7:30) Line up at start**

- Starting order based on daily result a of OD1
- Top 3 of OD1 classification, can choose their starting position from first to third, for offroad day 2. Picking order 1<sup>st</sup> to 3<sup>rd</sup>.
- Fastest pro class and fastest hobby class competitor, line up first
- All others follow by classification

### **8:00) Start**

- Fastest pro class and fastest hobby class competitor, start first on given start time
- Start interval: 30 seconds
- Missing of start time or prestart will result in 5 min penalty time

### **13:00) Finish (approx.)**

- All Pro-class Competitors who reach the finish have to hand in their GPS at the responsible person
- Daily Result is defined by total race time OD2 + any given penalties after GPS check is done (Speeding, leaving track, shortcutting etc.)

### **Premature Stopping:**

In case of Premature Stopping, riders at the start will stay on hold and will be informed by the Clerk of the Course.



#### **5.4) Saturday 20.05.23 Offroad Day 3 (OD3)**

- Format: Hard Enduro Rallye
- Racetrack length dry condition: 90km
- Racetrack length wet condition: 80 km
- 2 Special stages (length 80km)
- 1 Liaison (length 10km)
- Service zone
- No outside assistance on racetrack

#### **7:30) Line up at start**

- Starting order based on daily result a of OD1
- Top 3 of OD2 classification, can choose their starting position from first to third, for offroad day 3. Picking order 1<sup>st</sup> to 3<sup>rd</sup>.
- Fastest pro class and fastest hobby class competitor, line up first
- All others follow by classification

#### **8:00) Start**

- Fastest pro class and fastest hobby class competitor, start first on given start time
- Start interval: 30 seconds
- Missing of start time or prestart will result in 5 min penalty time

#### **13:00) Finish (approx.)**

- All Pro-class Competitors who reach the finish have to hand in their GPS, their transponder at the responsible person
- Daily Result is defined by total race time OD3 + any given penalties after GPS check is done (Speeding, leaving track, shortcutting etc.)

#### **Premature Stopping:**

In case of Premature Stopping, riders at the start will stay on hold and will be informed by the Clerk of the Course.





## 6) Penalties / Appeals

According to FIM Hard Enduro World Championship Regulations

(Source: FIM HEWC Regulations 2023, 60.4.5, 60.14)

## 7) Protests:

According to FIM Hard Enduro World Championship Regulations

(Source: FIM HEWC Regulations 2023, 60.4.5)

## 8) Event Results

- The results will be provisional, till the end of the protest period (30 min)
- The results are official once recognized and signed by the FIM Jury.
- Overall Result is defined by Prologue added time + total Race time OD1, OD2, OD3 + any given penalties after GPS analysis

## 9) Price-Giving

### 9.1) Flower Ceremony

Will take place ASAP (10 min) after the finish of the 3<sup>rd</sup> placed rider **at the finish line.**

### 9.2) Official Prize-Giving

Earliest 30 min after the official result has been published.

Will take place on **20.05.2023, 06:00 PM** at [Zlatibor main square](#)

## 10) Locations / Offices, various:

Administrative Control: at [Hotel Zlatibor Mountain Resort and Spa](#) open **17.05.23** from **7AM-9:30AM**

Technical Control: at [Main Paddock](#), open **17.05.23** from **7AM-9:30AM**

Medical Center: at [Hotel Zlatibor Mountain Resort and Spa](#) open from **9AM-10PM, 17-21.05.23**

Press Office: at [Hotel Zlatibor Mountain Resort and Spa](#) open from **9AM-10PM, 17-21.05.23**

Jury Room. at [Hotel Zlatibor Mountain Resort and Spa](#) open from **3PM-9PM, 17-21.05.23**



## 11) FIM Meetings:

FIM International Jury Meeting will take place at **Jury Meeting Room / Race Office** in the [Hotel Zlatibor Mountain Resort and Spa](#). As scheduled in the Pre-Event Meeting and any time on short notice.

FIM Event Meetings will take place:

**Pre-Event Meeting** 17.05.2022. 8PM-9PM at [Hotel Zlatibor Mountain Resort and Spa](#) after Admin. and Tech. Control

**Debriefing** 20.05.2022, [Hotel Zlatibor Mountain Resort and Spa](#), exact time will be decided in Pre-Event Meeting.

FIM International Jury, Clerk of the Course, Timekeeping, Event Organizer and Series Promoter have to be present.

*(Source: FIM HEWC Regulations 2023, 60.4.3)*

## 12) FIM Officials

### Conduct of the Event:

Clerk of the Course:	Douglas Mclean	FIM License: No. 15356
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### FIM International Jury:

Jury President (FIM Delegate):	Heiner Schmidt	FIM License: No. 15179
2 <sup>nd</sup> Jury Member (FMN Delegate):	Dane Stepanov/tbc	FIM License: No.
3 <sup>rd</sup> Jury Member (FIM Delegate):	if applicable	

### Delegates:

Chief Medical Officer:	Ivan Stojanovic	FIM License: No. 16101
FIM Technical Director:	Peter Radoczi	FIM License: No. 14942
FMNR Chief Technical Steward:	Walter Glueck	FIM License: No. 14934
FMNR Technical Steward:	Jovica Maric	FMN License: No. SF036
FMNR Environmental Steward:	Larisa Mirela Glesnea	FIM License: No. 14985

### Others:

Timekeeper:	WESS Promotion GmbH
Press Officer:	Marija Joksimovic
Secretary of the Event:	Branislav Djuric
Secretary of the Jury:	Ricardo Mitterer

*(Source: FIM HEWC Regulations 2023, 60.4.2)*



### 13) FIM Event Schedule

#### **Xross Hard Enduro Rally 17-20.05.2023**

*FIM Hard Enduro World Championship*

DAY	TIME	SPECIFIC ACTIVITY
<b>Tuesday – 16.05.</b>	9:00	Opening Paddock
<b>Wednesday – 17.05.</b>	7:00 – 9:30	Administrative / Technical Control – <b>FIM ONLY</b>
	08:30	track walk
	09:00	start Amateur 1 <sup>st</sup> lap
	09:45	start Hobby 1 <sup>st</sup> lap
	11:00	start Expert 1 <sup>st</sup> lap
	13:00	start Amateur 2 <sup>nd</sup> lap
	13:45	start Hobby 2 <sup>nd</sup> Lap
	15:00	start Expert 2 <sup>nd</sup> lap
	16:00	start Pro 1 <sup>st</sup> practice 5 min
	16:10	start Pro 2 <sup>nd</sup> practice 5 min
	16:20	start Pro1 <sup>st</sup> lap
	16:50	start Pro 2 <sup>nd</sup> lap
	17:20	RACE – 6 min + 1 lap
	17:35	RACE – 6 min + 1 lap
	17:50	RACE – 6 min + 1 lap
	18:05	RACE – 6 min + 1 lap
	18:15	Podium
	21:00 – 21:30	Briefing
<b>Thursday – 18.05.</b>	7:00 – 7:30	Taking GPS and tracker devices
OD 1	8:00 - 16:00	Offroad Day 1
	21:00 – 21:30	Briefing
<b>Friday – 19.05.</b>	7:00 – 7:30	Taking GPS and tracker devices
OD 2	8:00 - 16:00	Offroad Day 2
	21:00 – 21:30	Briefing
<b>Saturday – 20.05.</b>	7:00 – 7:30	Taking GPS and tracker devices
OD 3	8:00 – 16:00	Offroad Day 3
	18:00 – 19:00	Official Prize-Giving
	20:00 -	Party

### 14) Miscellaneous:

Closest Airport:

Belgrade

Nearest Town:

Uzice

Arriving on road:

E-763

Hotel Recommendations:

**Hotel Zlatibor Mountain resort and spa, Zlatibor**

April 26, 2023

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