# **H** AUTO CYCLE UNION BIKESPORT GB also pilles **2025 Enduro Spectator** and Support Crew Safety



### **Spectator Safety at Enduros**

#### Enduros are Traditionally Non-Spectator Events

 Enduros are not classed as races, emphasis is on endurance, and time management (e.g. special tests, time checks, hard terrain, start/finish controls

#### Growing Spectator Interest

- High profile events are attracting larger crowds, changing the risk profile.

#### Course Challenges

Due to the long, varied terrain of enduros - (some events up to 150 miles per lap), they
cannot adopt the same safety controls as motocross (which run on short, closed circuits
generally less than 1 mile)

#### Regulatory Oversight

- The Health and Safety Executive (HSE) is showing increased interest in the safety of offroad motorsport events - May 2025 - HSE Issued an improvement notice on an event

#### Updated Requirements (2025 ACU Regulations)

- The latest ACU Standing Regulations include new measures for improving spectator safety at enduro events
- Let's look at some controls and examples of risk from both national and international events

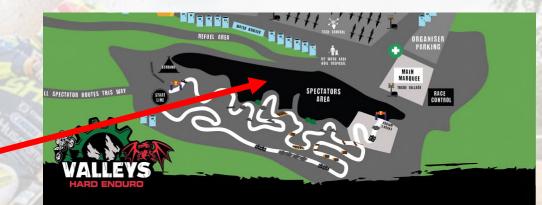
### **Examples of Spectator Controls**



#### Provision of Spectator Zones

- Dedicated spectator areas
- Use of fencing or crowd control barriers where needed

Spectator areas











#### Spectator Zones

- LH picture spectator area on the Welsh 2 day open hill with good view of the special test without the need to stand too close to the track
- RH picture provision of double tape to keep spectators away from a tricky section of logs on the special test





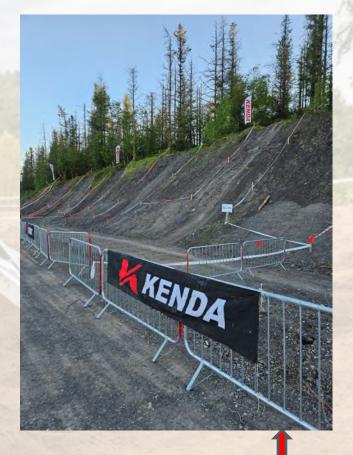
Examples of double tape and signage to prevent spectators standing too close on popular sections



### **Examples of double tape and fencing**





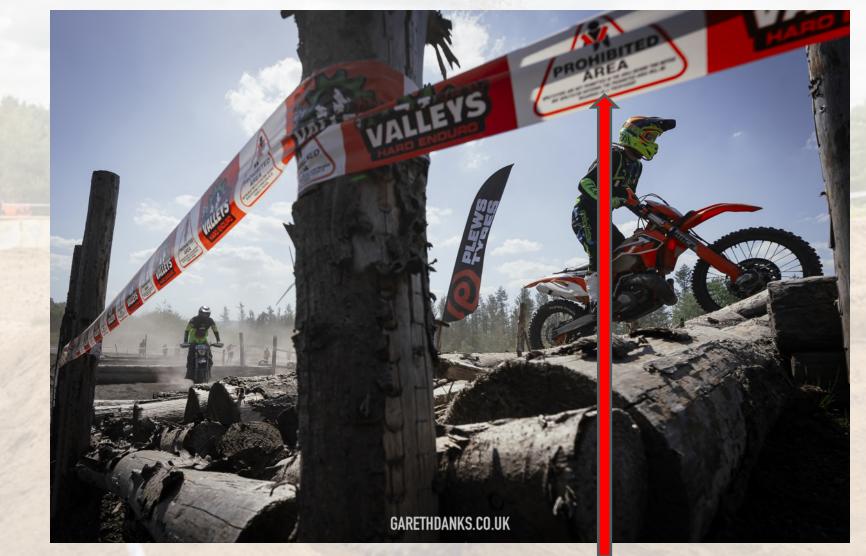


Exclusion Zone taped off need to keep a wide berth on these types of hazards

> Fenced off to stop spectators getting too close

### Examples of prohibited notice in tape





Prohibited area sign included within the tape

Safety instructions included in the programme and posted at special tests (Details of notice available in Standing Enduro Regs)





Club Hare and Hounds event still measures taken – double taping, dedicated spectator area plus larger wooden posts and rope used in this area not many people but still controls provided





Another Club Hare and Hounds event -Provision of fencing and spectator area





## **Spectator Crossings**



Gap in tape so people can cross without stepping over the tape also crossing point has good sighting and more controlled

When designing a track / special test try and minimise the need for spectators to cross or walk along a live track



### Spectator Crossings World GP Wales



2024 - Spectator crossing over two-way rider crossing to the camp site was too fast and difficult to control



### 2025 - Container crossing provided





## Example of taping the course much wider than the racing line where spectators are standing





### Duty of Care – examples of risk management

Hare and Hounds Enduro 2005 - MX track was being used as part of the course but without the same level of protection as a MX event - no double roping and risk point of a jump was not marshalled

Very near miss - lesson learnt



If you use a MX track on an enduro or have any jumps on the course - important to provide protection - marshal and safe landing zone



### **Motocross or Natural Jumps**

#### Regulations introduced in 2024

- If as part of an Enduro course or special test the route uses a motocross track where the landing of a jump is not fully visible to a rider, a static marshal with a warning flag must be positioned to protect a fallen rider. This also applies on Enduro courses with natural jumps and where the landing is blind
- Keep spectators away from the landing area



### **Example of Blind Landing**







### France 2015 - what are the risks?



#### • What are the risks?

 Spectators standing too close to the track on outside of a corner after a jump and no marshal on the site.

#### What controls could be put in place?

Double tape to provide an exclusion Zone plus signage and marshal if necessary



### World GP Round – Very Near Miss

Rider hit the camera





- What controls could be put in place?
  - Double tape to provide an exclusion Zone plus signage and marshal otherwise do not include if unable to implement controls



#### World GP Round – France 2017 Look at the Review sequence of slides and riders' lines slide 1 of 4



**Discuss the racing line and controls in place** 







#### World GP Round – France 2017

#### Look at the Review sequence of slides and riders' lines slide 2 of 4



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#### World GP Round – France 2017 Look at the Review sequence of slides and riders' lines slide 3 of 4



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#### World GP Round – France 2017 Look at the Review sequence of slides and riders' lines slide 4 of 4



- What controls would you put in place?
- Re design, exclusion zone, double taping prohibited signs and marshalling

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## What is wrong with this layout - Slide 1 of 2

- Spectator area too close to a fast section of track leading to the special test finish
- What happened rider misjudged cut spectators very close



- What action that could have been taken?
  - The provision of double taping for about 100 metres would help to reduce the risk



### Slide 2 of 2



### Actual action taken for 2025

- Section redesigned to slow down speed of riders near where spectators are standing
- Two chicanes put in place
- Much improved design





### What are the spectator risks?



- Track very close
- Spectators were walking though gap
- Controls tape off and prohibited area signage

### Managing the risk





• Controls - tape off and prohibited area signage

### Location of Special Test finish



- The finish took riders the right-hand side of the timing van which meant spectators & support crews had to walk across a bridge over a live track to see the timing screen
- Designing the track to exit the left-hand side of the timing would have potentially eliminated this issue
- When designing a test start and finish consider spectator / public access
- There should be a 20-metre run off area at the finish of the test where there is no stopping or servicing *Timecard Reg No* 7





## Keep it safe





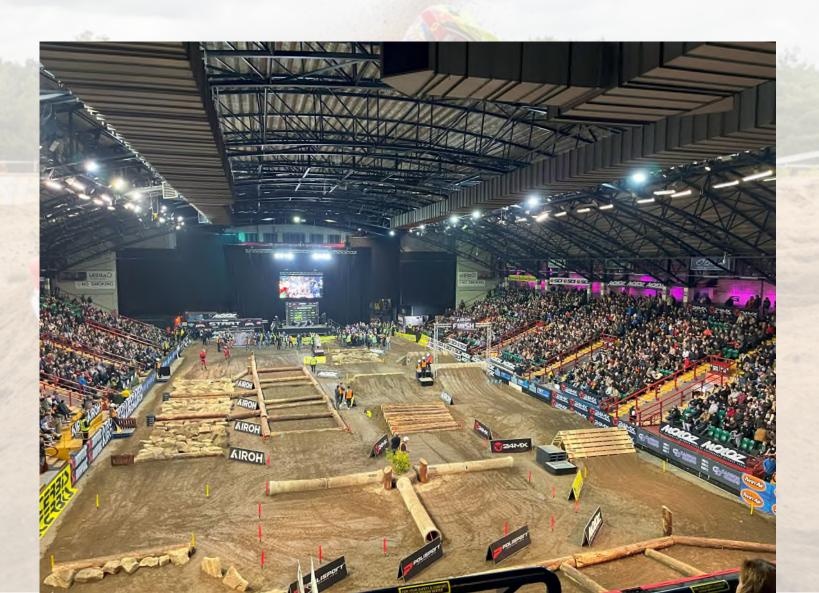
## Keep it safe





## Keep it safe





## Summary



- Improvements are continuing to be made
- Most events just small changes are required compared to the setting out of the whole course
- Larger events are now setting the standards but lessons still being learnt
- Educating support crews and spectators remains a challenge
- Need to win hearts and minds



### 2025 Enduro Spectator and Support Crew Safety

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