KNC 2023/4
Procedure for Saxons MapRun based events

In the 2023/4 season we will be using MapRun for urban events. The advantages for ease of organisation before and after the run are huge. Talking to other clubs we hear that the main problem arises from the less than instantaneous response of the GPS "ping" in some cases. This can lead to a slight delay at control sites or loss of vital seconds at the finish. To overcome this we will be using a hybrid approach combining SI (dibbers) with MapRun.

- SI will be used for Check, Start and Finish as normal. This assures accurate timing (and calculate any time penalties) and the safe-return check.
- MapRun will be used to record control visits and hence points. If any fail to register we will manually adjust your score.

To ensure fairness the course is PIN protected. The PIN will be revealed just before the start, however you will not need a PIN to view the course, results and routes after the event.

Before:
All runners should carry a (charged) mobile phone with the MapRun app (v 6 or 7) and their dibber. Smart watches with MapRun G may also be used (see additional comments below).

Procedure on the night:
Before the event, either before you leave home (advantage of wi-fi connection) or on arrival open the app and download the event. There are three ways to do this:

- Using "Select event" button and navigate to UK/Kent/Kent Night Cup/ select event
- When at the location use "Events near me" button and select the event
- Use QR code available at registration

-10 mins Safety briefing and all to punch Clear and Check boxes

-5 mins   Runners asked to open app and press "Go To Start" then enter the PIN supplied, the map will now show.

-1 min   Walk to start location, phones should bleep and show Start registered (start triangle turns green on map) you can now stow your phone for running
wait - do not start yet (note the timing on MapRun is not critical)
Check everyone is ready
Issue maps.

0 min   Start, organiser dibs the start box and shouts "Go", alternatively use punching start. Late starters can just dib the start box at organisers discretion.

Run as normal. If you do not register a beep after a few seconds at any control move on, don't waste time waiting.

Finish, dib at the finish as normal.

Check your results on MapRun app. If any controls are missing record them on the results adjustments clipboard. We will then manually adjust your score in the KNC results. You also have 24h (to 9pm the following day) to mail [mapping@saxons-oc.org] with your claim. We will examine your GPS trace to substantiate claims.

NB there is a process in MapRun called HITMO (Hey I Think It Missed One) by which you can adjust your trace to register missed controls. This is a bit laborious and clutters the results table with duplicate entries. Please do not use this but use the manual system (clipboard or email).

All results can be viewed through the app and also using the MapRun results link which will be available as a QR code at download.

KNC results will be prepared using times (and penalties) from the SI system and points from MapRun (with corrections for those not registering). However, prize giving at the Apes-O will usually be based on simple MapRun results.

Notes for GPS watch users
Firstly make sure you know how it works as each model is a bit different.
On the phone ensure GPS watch mode is enabled (Options and settings/Device). If so you will have a button for "Send event to my Garmin Watch" instead of "Go to start".
Down load the course (see above) and set your watch to MapRunG then press "Send event to my Garmin Watch". This does not need a PIN (as it does not display the course). Once done you can put the phone away till you return.
Watch will start as you approach the start location.
After the run ensure that your watch "talks" to the phone and the phone "talks" to MapRun.