Using MeOS - Central Coast Orienteers

Downloading and Installing (already done on club computer)

We are using Andy Simpson's Australian variation of MeOS. Get it from the GitHub web-site: https://github.com/undyau/meos-oz/releases/latest. Click and download the "meos-setup.exe" file. Run it to install MeOS – you will probably have to negotiate one or moe security warnings!

In order to connect with Eventor, you also need to enter the club API key when prompted. You only need to do this once. Get the club API key from the 'Administration' page on Eventor - cut and paste it from there. Please be careful not to press "Generate new"!

Introduction

The theme of MeOS is that everything happens in one window and only one function is on display at any given time. SI stick downloads can happen in the background and a small alert appears at the bottom right if some manual action as a result of a download is needed.

Navigate by means of the tabs along the top, or using buttons on a page. To get back to a 'parent' page there is sometimes a 'Return' or 'Cancel' button.

Not all tabs are present all the time. When you start MeOS, only the 'Competition' and 'Sportident' tabs are present. When you select an event and open it, there are many more tabs, including 'Classes' and 'Courses', and once you have created a class, the 'Competitors' tab appears.

MeOS contains many extra features which we won't use. Ignore them.

Creating Competition (event) – from Eventor

(Do the following a day or two before your event. You don't have to wait until there are lots of entries – later entries can be fetched nearer to or during the event. To avoid confusion, only create your event once!)

All our events are in Eventor, so, if your event is not already listed under 'Choose competition', you will normally want to create an event using the 'Competition from Eventor' button.

When you get an event from Eventor, you get all the classes and everyone who has entered up to that point.

On the 'Competition' tab, select the 'MeOS Features' button. If Summer Series event, make sure the 'Rogaining' tick box is ticked. (They call Score events "Rogaining".)

Also on the 'Competition' tab, shorten the name of the event if it is long. "CC Winter1 – E Gosford" is appropriate.   This makes sure splits are printed in a bigger font and using the full width of the paper. (We deliberately use long titles for the events in Eventor, so that plenty of information, including the event location, appears on the Eventor Calendar.)

Another method we may use for getting an event into MeOS is by importing a competition from a file ('Import Competition' button on the 'Competition' tab when no competition is open). This would be the method if, for example, someone like David sets up the event elsewhere (and puts all the appropriate settings in place) and emails an event file to whoever has the club computer.

Adding Courses

These don't come from Eventor, but can be imported from OCAD or PurplePen.

If using Purple Pen for score courses, the file exported will only work if you have created a Score course in Purple Pen and specified 10, 20 or 30 points for each control on the course. If you just relied on the 'all controls' course to

print your map (as many of you do), skip the export and use the "generic" (old East Gosford) XML course file that can be found on the laptop desktop.

Get the file out of PurplePen using File/Create Data Interchange File (IOF XML) on the menu. **Make sure you use the IOF XML version 3.0 option; the older version doesn't handle Score courses properly. (Of course, this assumes you have set up the score course, with points, etc, in Purple Pen too.)** Save the resulting XML file (eg on Desktop – same computer, or USB stick – different computer).

If importing your score course doesn't work, use the "generic" one (copy of my East Gosford score course) I have left on the desktop.

If necessary a Mini line course can be easily entered manually in Meos. However, entering a 30 control score course manually would be somewhat tedious!!

For Summer Series events: On the 'Courses' tab, select the Score course. In the "Rogaining" section, select 'Time limit'; and under "Time limit", enter "00:45:00", under "Point reduction (per minute)", enter "10", and tick the box 'Point reduction for each started minute'.

Make sure the Score course is called exactly "Score". This exact naming seems to be the trigger for the LiveResults web-site to switch to the score-oriented format, instead of just showing times.

After adding courses, go to the Classes tab and enter the course which each class runs. You need to do this even if classes and courses have same names: e.g. Long class does Long course, Short class does Short course.

Connecting Download Station

Plug it in to a USB socket or the USB hub.
On the 'Sportident' tab, select 'Automatic Search and Start'. Alternatively, select COM3 and 'Activate'.

If Meos is re-started, or computer goes to sleep, you may need to 'Activate' again.

Connecting Splits Printer

Turn on power. Plug in to a USB socket or the USB hub.
Assume Epson splits printer is the default printer on computer.
On the 'Sportident' tab, tick the 'Print splits' box.

If Meos is re-started, you will need to tick 'Print splits' again. (The default is 'not set'!)

If someone's splits didn't get printed when they downloaded, can select them on the Competitors tab, Form mode, and select Print 'Split Times'.

The orange 'Paper' light comes on when the printer has almost run out of paper.

Uploading Live Results

(My advice is you set this up in advance, at home in the days before your event.)

You will need an internet connection for this to work: eg. tether the laptop to a wi-fi hotspot on your mobile phone.

On the 'Competition' tab, press the 'Upload Results' button under Functions.

Leave the 'Upload server' field unchanged: should read: "http://sportident.itsdamp.com/liveresult.php".

There needs to be two other fields labelled 'Series' and 'Number within series' for this function to work properly with our LiveResults web-site. If there is only one other field labelled 'Short event label', follow the following procedure to correct the problem (but don't ask me why this works):

1. Go back to the Main page, and close this event, but don't exit from Meos.

2. Open a previous event, eg last week's.

3. Select 'Upload Results'. Observe that the correct set of fields, including 'Series' and 'Number within series' are shown. Don't change anything, but return to the Main page, and close this old event.

4. Re-open the current event, select 'Upload Results', and observe that the required fields are now present!

In the 'Series' field, put "CCSS". (Next season, we will use "CC23ss".)
In the 'Number within series' field put the number of your event.

Press the 'Auto Upload' button, so that results are regularly updated during the event while MeOS is open, and return 'To Main Page'.

Making changes during the event

There will typically be two courses: 'Score' and 'Mini'; and four classes associated with a course: Women, Men and Group will do the Score course; and the Mini class will do the Mini course.

Entries in the Group class will ideally be modified to include the names of other group members: eg. "Robinson family", so they appear sensibly in the results.
Entries in the "Extra group members" class can then be deleted.

Providing you have an internet connection, you can import new entries from Eventor without (we are told) affecting any of the existing entries which you may have manually edited. On the 'Competition' tab, select the 'Eventor Connection' button, then 'Fetch Late Entries' and answer 'Yes' to the pop-up question.
It's best to "fetch" any new entries via Eventor in this way; otherwise you may end up with duplicates when you next do a fetch.

Enter any people who didn't do it via Eventor manually. Also add any hire stick numbers for those who need, and tick the 'Borrowed' box.

After the Event

Make a copy of the event data using 'Save to File' on the 'Competition' tab. Send this file to David who can use it to do any tidying up and onward processing of results.

To post the results to Eventor, go to the 'Competition' tab, select 'Eventor Connection' and press the 'Publish Results' button. This will change the status of the event in Eventor to 'Completed', so only do it after everybody has entered.

Peculiar Behaviour

Getting the Live Results page to a 3 field format: see suggested procedure above.

Other MeOS Notes

When events are imported from Eventor, it is the Short Name which is used for classes in MeOS. So make sure a meaningful short name for each class is entered in Eventor.