Purple Pen for Planning

Purple Pen is now used to plan all levels of orienteering events from club activities to International events. It is very easy to use.

Download Purple Pen from www.purplepen.golde.org Click **Download** on the Menu bar and then **Download Now**. Click **Save File**. From your **Downloads,** open **purplepen-exe,** follow the Install Wizard and click **Install**.
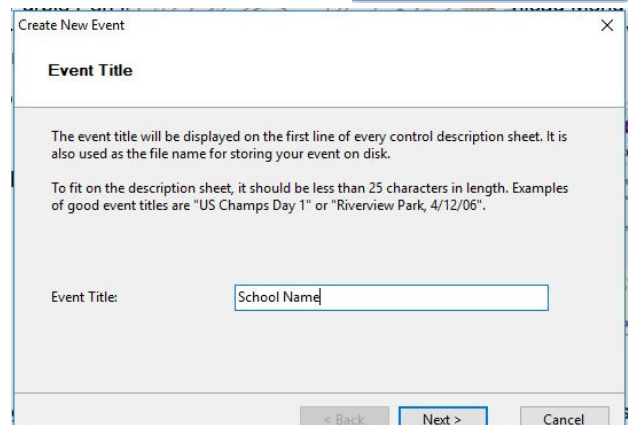
Preparation

1

Open Purple Pen by double clicking the icon. In the dialog box select **Create a new event** and then **OK**.
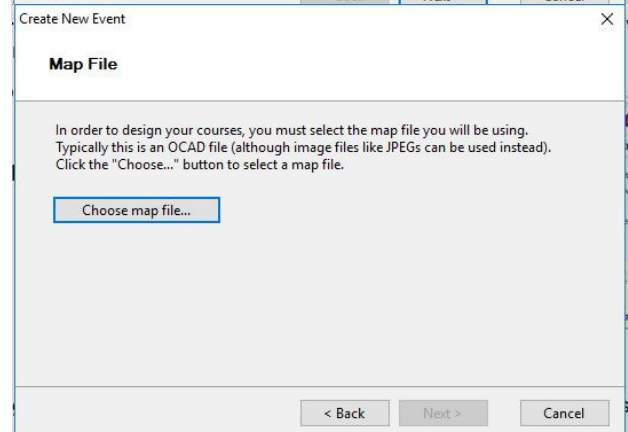
2

In the dialog box **Create New Event** give your event or activity a title. **Next**.

3

In **Map file** dialog box select **Choose map file**. Double click on your **OCAD** or **pdf map** file which you should have stored in your chosen folder. Your map could be a pdf grid for an activity.**Next**

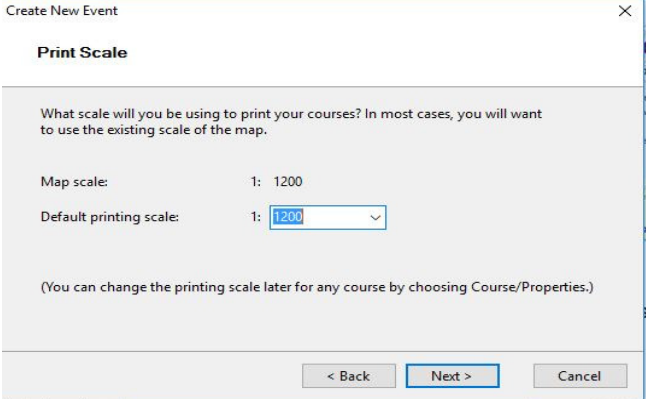**Note** pdf maps can also be used after you have downloaded "ghostscript". You will be asked to install **GPL Ghostscript** when you choose a pdf as your map file. A pdf map will include your logo. If you store the jpeg logo alongside your OCAD map then it will again be included on the map

4

In the **Print Scale** dialog box enter the map scale shown on the map. E.g. 1:500. **Next**.
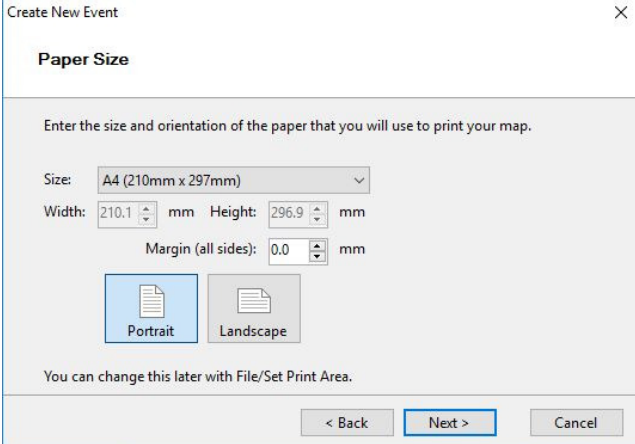
5

In the **Paper Size** dialog box. Select A4 and the orientation of your map. **Next**.
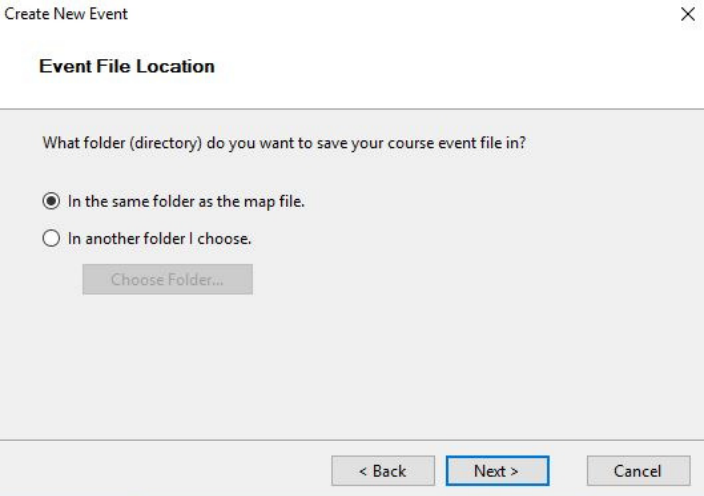
6

In the **Event file Location** dialog box enter the folder, usually the same folder that contains your map. **Next**.
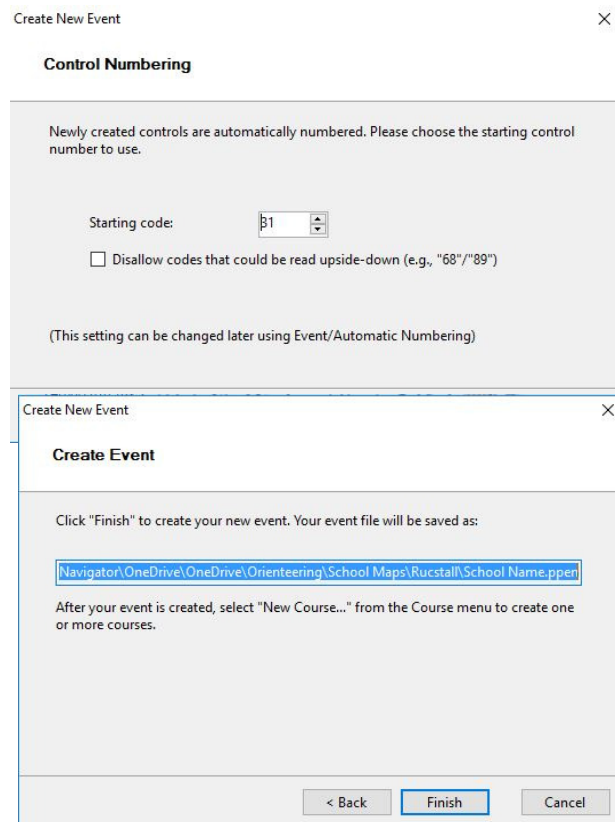
7

In the **Control Numbering** box accept 31 unless you know the numbers that you are going to use. They can be changed later. **Next**.

Create New Event

Control Numbering

Newly created controls are automatically numbered. Please choose the starting control number to use.

Starting code: 31

☐ Disallow codes that could be read upside-down (e.g., "68"/"89")

(This setting can be changed later using Event/Automatic Numbering)

8

In the **Create Event** box click **Finish**.

Create New Event

Create Event

Click "Finish" to create your new event. Your event file will be saved as:

Navigator\OneDrive\OneDrive\Orienteering\School Maps\Rucstall\School Name.ppen

After your event is created, select "New Course..." from the Course menu to create one or more courses.

< Back   Finish   Cancel
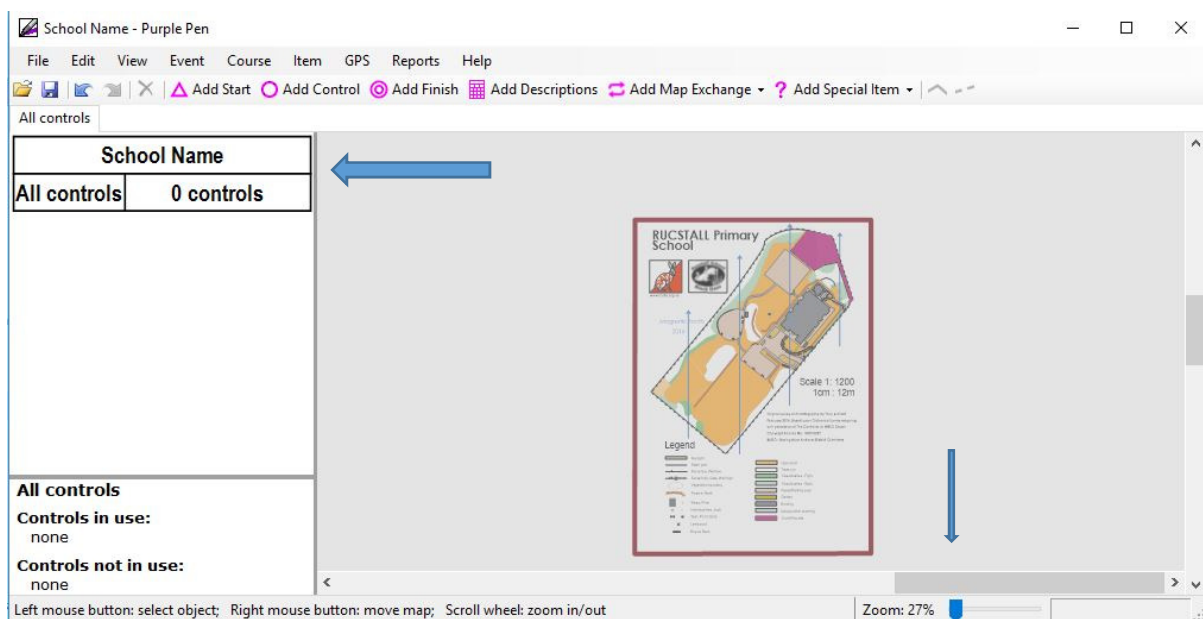
9

The planning screen appears with the Control list on the left and the map. Maximise the screen and zoom into the map –blue control arrow bottom right. Or use mouse wheel. You can drag the map so that the area of interest is central.

Planning Courses

1 If planning an activity rather than a course, where you do not want lines joining the controls, go to No. 2a below.

First create the start and finish of your course. From the toolbar click **Add Start** and take the cursor, which will drag a triangle, to your start position and click to place. Do the same with **Add Finish**. The Start and Finish appear in the Control list under **All Controls**.
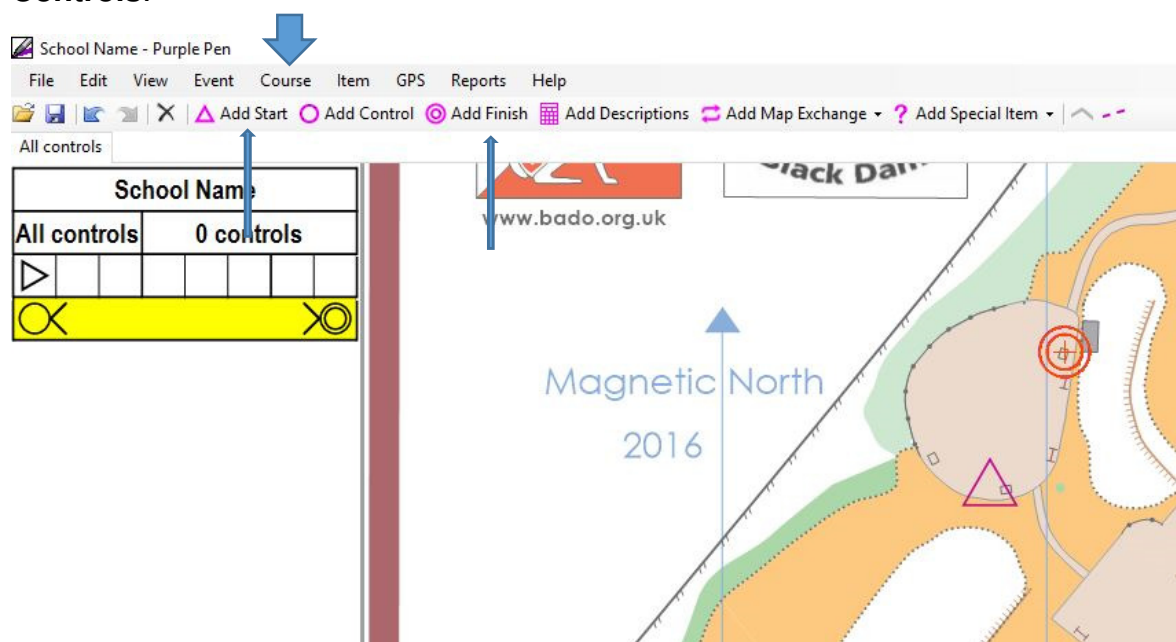
2

From the Menu Bar select **Course** (see arrow above) and **Add Course**. In the **New Course** dialog box give the course a name e.g. Activity 1 or Year 6 Easy. In the **Course Type** dialog box select **Normal course**. No other entries required.

The course name will appear in the controls list and the start and finish on the map will be joined by a line.

2a For activities, From Menu Bar select **Course** as in 2 but in **Course Type** select **Score Course.** A start and finish may not be needed and a pdf grid could be the map for the activity.

3

Go to toolbar, select **Add Control** and drag the control circle to your selected control site feature and click to place. The purple course line now goes from the start to your control and then to the finish, unless using a **Score Course**. Select add control each time you wish to add a control to your course

or activity until the course is complete. Controls will be numbered in sequence and can be moved by drag and drop. Select control and delete to remove. Add controls anywhere on the course and re-numbering will be automatic. The length of the course is shown, calculated from the previously entered map scale. The control numbers now appear in front of the control code in the descriptions.
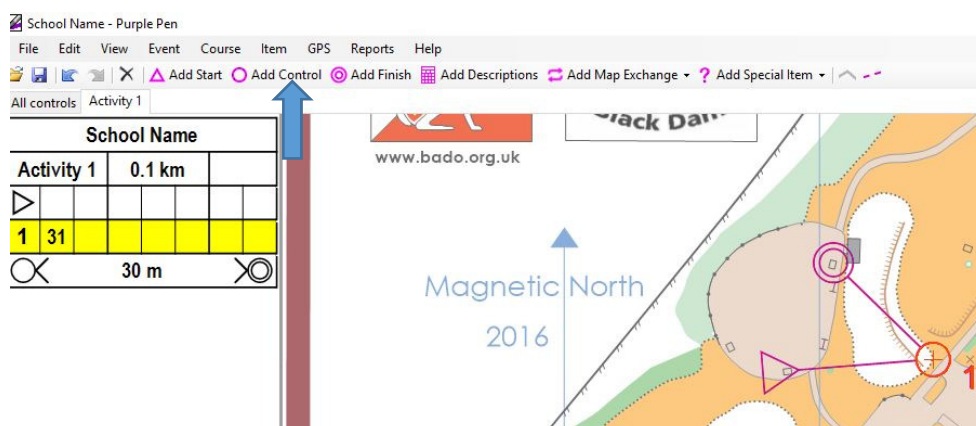
4

To add more courses click **Course** on the menu bar and name a new name. The Control list will now have an additional course which can be planned the same as the first course. When you select **Add Control** the controls on other courses will appear on the map so that you can create a new site or using an existing one.
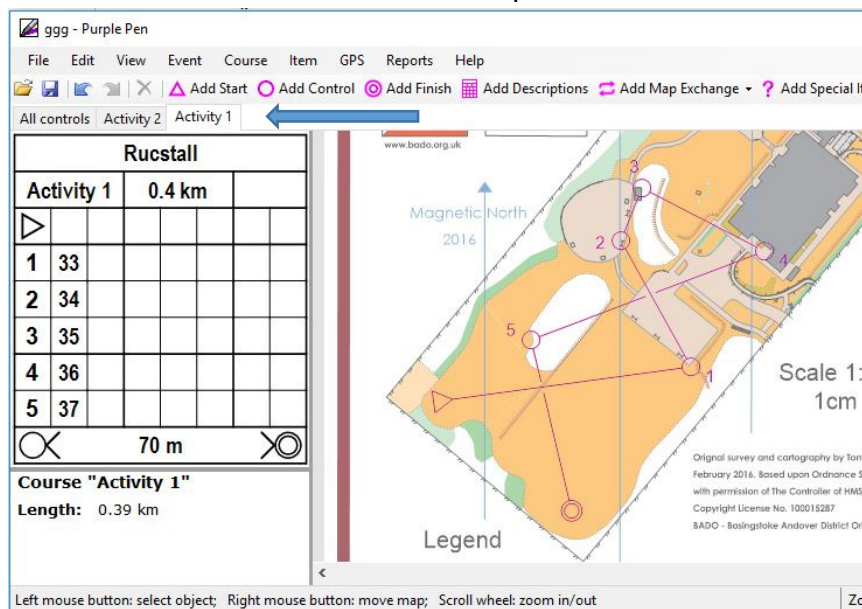
5

To see each course individually select from bar above the control list. To see all controls used select **All controls** and they will all appear on the map. This map should be used for putting out and checking controls.

If you do not need Control Descriptions you can now print courses for teaching skills and running activities. Printing Instructions below.

If you are planning an event with a few or many courses for an orienteering event you will also need to create Control Descriptions

Providing Control Descriptions

Control Descriptions identify controls with a unique code, describe the feature used as a control site and describe the control position in relation to the features.

1

Change control codes by selecting the "All Controls" list and double clicking the existing number - **31**. Enter the **new code** in the **enter new code** box and **enter**. The code will change. Codes can be numerical or alphabetical.

2

Click box to the right of the code and a menu of arrows will appear which allows stating where the feature is in relation to other features of the same type. You probably do not need to use this square.

3

Click the next box to the right and a menu of pictorial descriptions will appear. Hover over them to discover which features they relate to. Click the appropriate feature and it will appear in the box on the description list. You have features such as path, tree, fence, wall, building etc. If the feature is at a crossing or junction of different features the other feature can be placed from the same menu in the next box. The third box allows a choice of crossing or junction.

4

The fourth box produces a menu of the position of the feature. Hover to read and choose the correct position. The last box is unlikely to be used. Click to see the choices.

East end

5
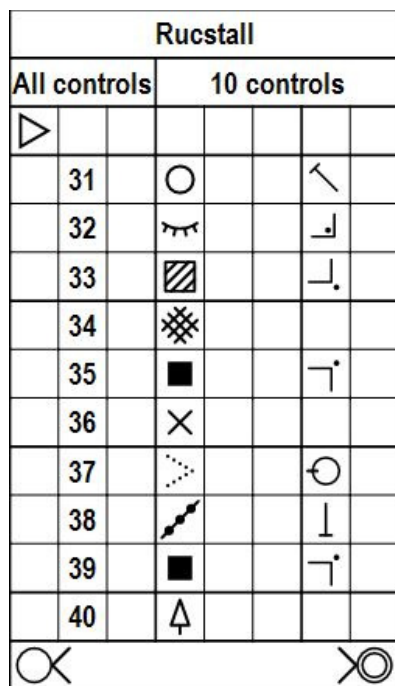
The Control Description box under **All controls** should have a complete list of control numbers and the features where the controls are to be placed.

Rucstall							
All controls		10 controls					
▷							
	31	○				⟍	
	32	⌢⌢				⌐	
	33	▨				⌐.	
	34	※					
	35	■				⌐˙	
	36	✕					
	37	⋰				⊖	
	38	✎				⊥	
	39	■				⌐˙	
	40	⌂					
⊙⟨						⟩⊚	

6

To place the course descriptions on the map, first select the course from the bar above the descriptions. The controls will now be numbered in order from 1. Then select **Add Descriptions** from the toolbar
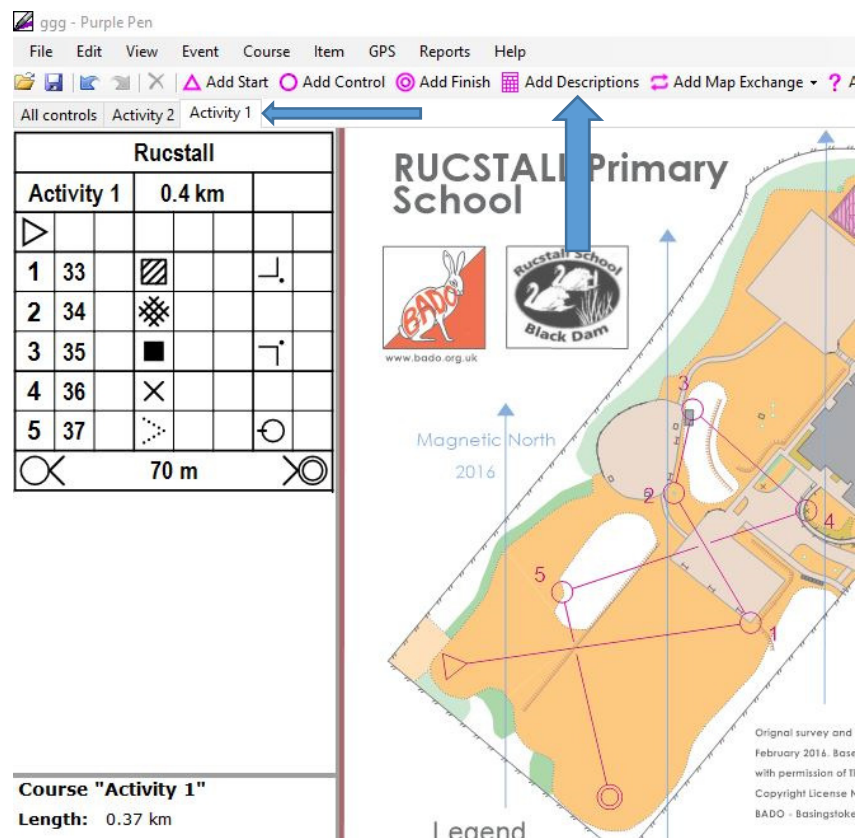
. The cursor will appear as a black cross which can be used to draw a red box on the map. Release and click, and the course control descriptions will be placed where you want them on the map.
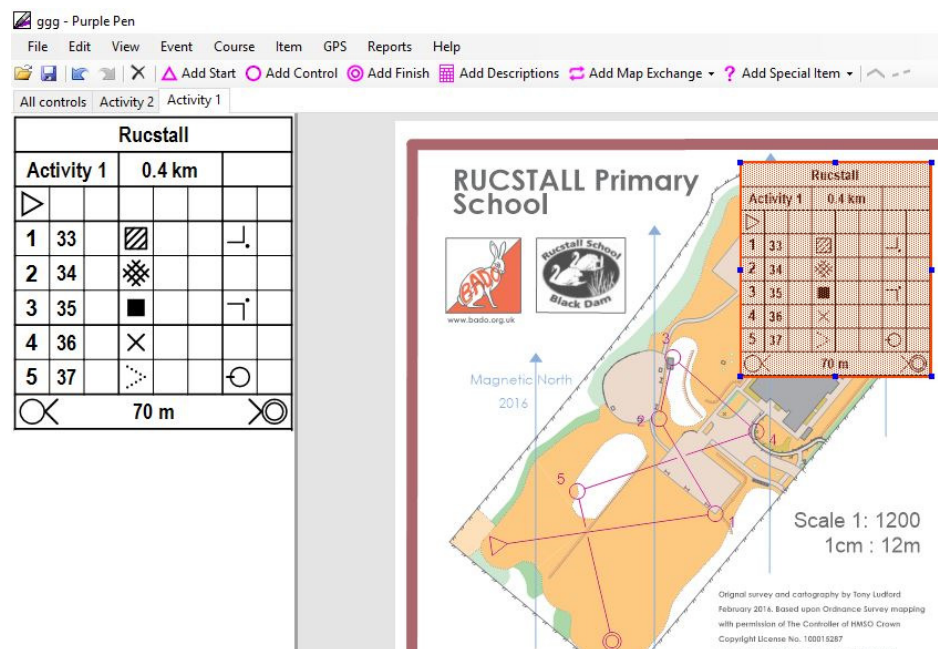
Editing

1

For White, Yellow and Orange Courses you will need to provide Descriptions as text. To change Control Descriptions from pictorial to text – select **Course** from menu bar and select **Properties**. In the C**ourse Properties** dialog box select **Description appearance** and select **text**. **OK**. The international pictorial descriptions will change to text.

2

Some features on the Legend for your map are non standard. For example a black cross and a black circle are described as **Special items**. So if a black cross or a circle has been shown on your legend as a lamp post or other object, this can be stated in the descriptions. Select **Event** from the menu bar and select **Customise description text**.

Select the symbol from the list that you wish to change and select **Change text.**

In the blue box type the name you wish to appear, e.g. Lamp post. **OK**. The words lamp post will appear in the control descriptions instead of **special item**.

A seat or picnic bench are also non-standard and you could enter any symbol otherwise not used in the control

descriptions to represent them and then change the text. In this way you could create text for a seat or picnic bench.

3.

To change the appearance of the drawn course select **Event** from menu bar and Untick "Use IOF standard sizes and you can change the size of control circles, create white edges to control numbers so that they can be
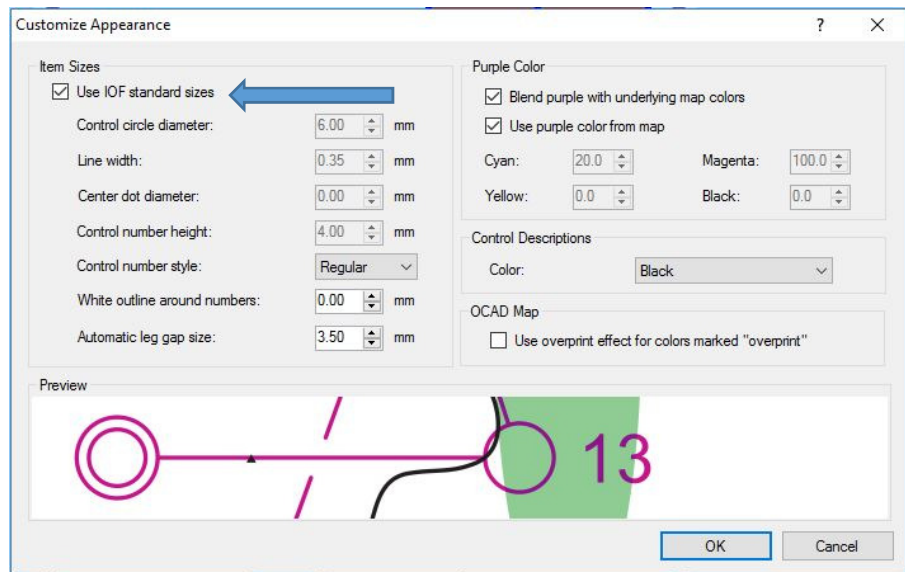
seen against a dark background and alter the colour used.

4

Course lines can be bent around out of bounds areas and gaps can be put into lines so that information is not hidden. At the right hand end of the toolbar are **add bend** and **add gap** symbols. On the map select the line you wish to alter and then select the tool. A black cross will appear that can be placed on the selected line and dragged to make the changes required.

Printing Courses

Before printing, centre all circles exactly on the features. Control numbers can also be moved so that they do not obscure map detail – click and drag. In the **File** menu select **Print Courses** and tick courses that you wish to print. **Print**.

Don't forget to use "Save As" and also "Save Changes" when you close your files.