Finish Download Procedures.
as at 1 November 2012

Any amendments or suggestions please notify
rossduker@bigpond.com or Colin Burnett on dckb@bigpond.net.au (from Garingal GO)

This document shows the majority of the problems and solutions that you will encounter when using Or. It is set out in 18 broad parts

The computer software system called *"Ör 4.1"* records the SI information which is used in this document.

A) Downloading *Or* onto a computer

Andy Simpson from Bigfoot has devised some notes to load *Or* onto a computer.
Refer: www.bigfootorienteers.com/Sydney Summer Series with SportIdent.pdf
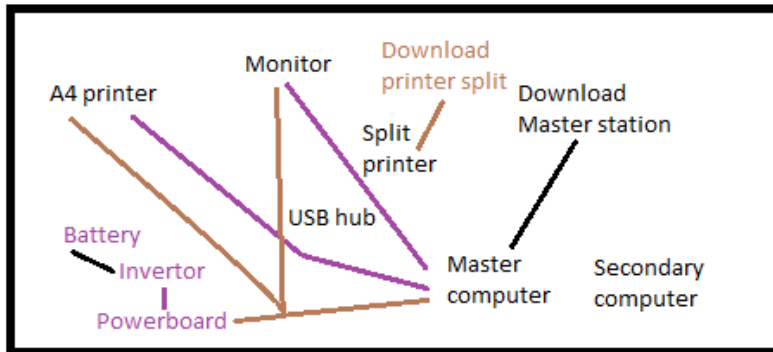
B) To set up Or for an event

To set up Or for an event you need to set up what Or calls a "Competition"

Refer file: " *Setting up a Competition within Or.pdf* " written by Ross Duker.   If you do not have a copy and would like one please email rossduker@bigpond.com .

C) Wire diagram – how things are set up

Equipment set-up at SI events as used by GO

Plan from above

As can be seen from the diagram a battery is used for power. This is in turn connected to a 300W invertor which is then connected to a powerboard. From the powerboard the A4 printer, Monitor and Master computer are connected. Some of the Sydney clubs use generators as an alternative power source.

The A4 printer prints the results in numeric Net Score order see section H) for an example of print. The Monitor shows to the competitors what is happening on the master computer screen. This is handy if the competitor needs to correct their information such as name or class. The computer is the controller of all the equipment connected to it.
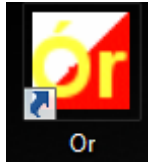
D) Registration (Rego) Cards

With the start of the 2012/13 SSS season new Rego cards were introduced. There are two types one with a stub and the other without. GO uses the with stub type for small events say less than 70 participants. When using the Rego card without the stub type a printer is used to publicise results on the day of the event.
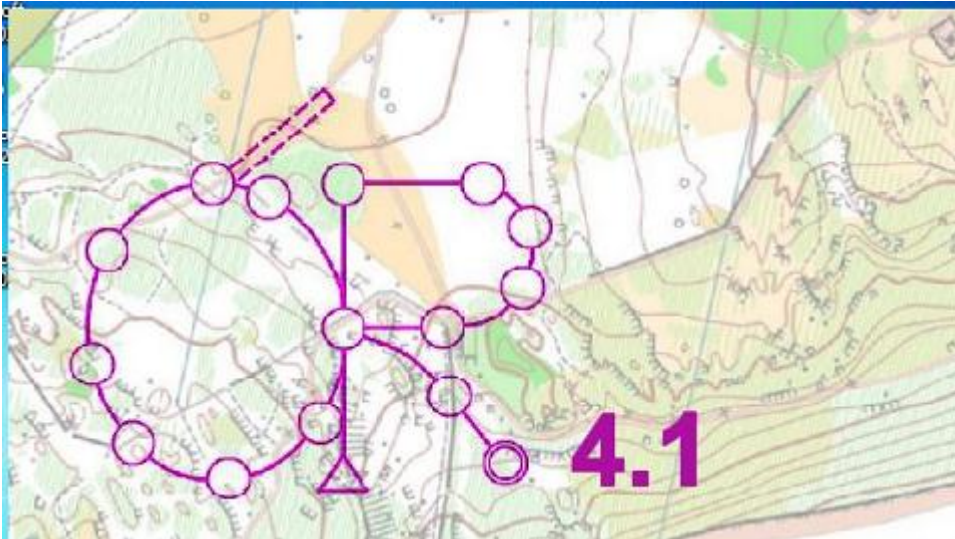
E) Opening Or

After clicking on the *"Or"* desktop icon the initial screen looks like this:

Then Or continues to open in this case opening competition for SSS16. Previously if you have already commenced an Event (competition) then you need to click on File/Open Competition
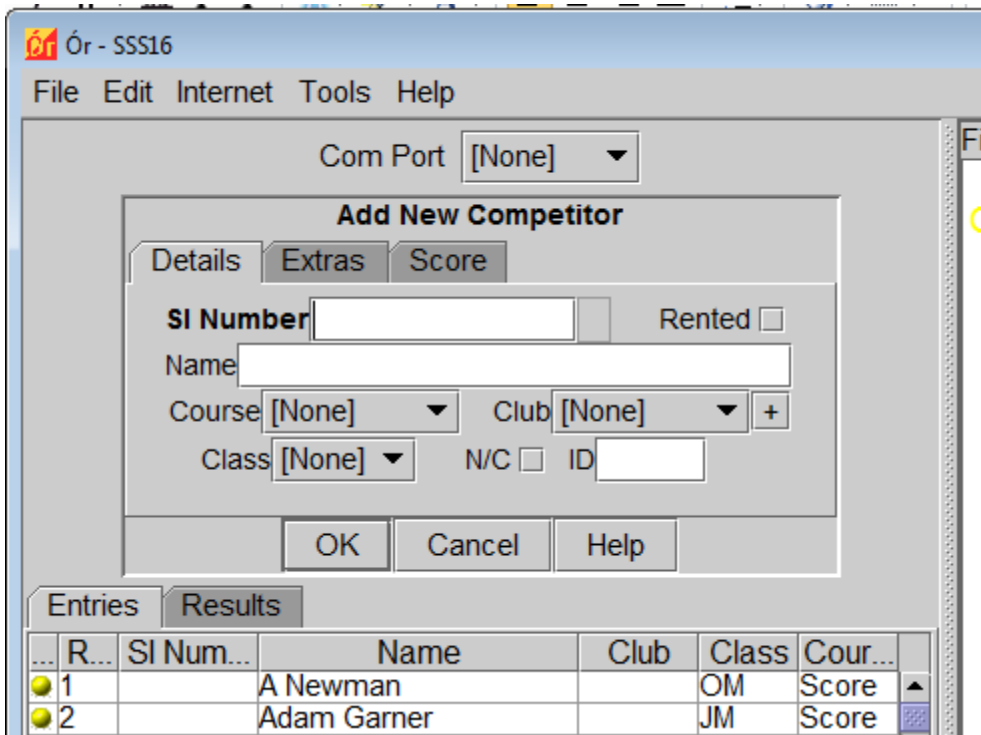
F1)   Data Checking/entering of rego cards,
The manual method using the StartList

With the StartList already included the method to find an entry is to scroll down to the person's name – which are sorted into first name order. If you need to resort by any of the columns just click on the top of the column you want sorted. Eg from the above example if you want to sort by the SI number just click on the heading SI Num.

After you click on the column heading the SI Num will be sorted in numeric order. The records without an SI Number will sort to the top.

Eg Sean Keating
In most cases with the names in alpha order all you need to do is click once on any record then scroll down to the person's first name. eg Sean Keating is found under S

R...	SI Num...	Name	Club	Class	Cour...
328		Sam Tobin		JM	Score
329		Sarah Loomes		OW	Score
330	2038364	Sean Keating		OM	Score
331		Serigne Lo		MM	Score
332	2037150	Shane Henry		MM	Score
333	2037091	Sharon Lambert	IK	VW	Score
334		Silvan Bluett		JM	Score
335		Simon Hills		MM	Score

Add New Competitor

Details | Extras | Score

SI Number 2038362   Rented ☐
Name Sean Keating
Course Score ▼   Club [None] ▼ +
Class OM ▼   N/C ☐   ID

OK   Cancel   Help

Then what you need to do is check the person's details, if all details agree with the rego card on "O*r*" no action is required. Just put the rego card in a neat pile to one side. However in this case the Club WH needs to be entered.

EVENT REGISTRATION   ORIENTEERING NSW

First event for the year?
If you are not already a member please also complete the separate Membership/Casual Registration form.

SI Number: 2038362   Rented? (Yes) No

Name(s): KEMBA JESSUP

Course	Club	Class
SCORE	WH	JM

Safety Information:
Phone   Car rego
0931 767 500   ZPW 168

I have read and accept the risk statement and disclaimer printed on the reverse.

Signature: K. Jessup   Date: 25/10/12

Eg 2 Kemba Jessup. In this example the person is renting an SI stick indicated by the Rented **_Yes_** / No.

The only additional thing you need to do is to tick the rented box in "*Or*". Scroll down to Kemba, double click on the Kemba entry which will open up the record so you can do the adjustments.

...	R...	SI Num...	Name	Club	Class	Cou
●	188	402379	Kathryn Cox		WaW	Scor
●	189	2037133	Keith Povah		MM	Scor
●	190		Kelly Dohle (Walking)		WaW	Scor
●	191	2038362	Kemba Jessup	WH	JM	Scor
●	192	2037097	Ken Jacobson	GO	LM	Scor
●	193	2037141	Kerrie Emslie		VW	Scor
●	194		Kerry Emslie		SVW	Scor

Entries   Results

Kemba Jessup - 2038362

Details   Extras   Score

SI Number 2038362   Rented ☐
Name Kemba Jessup
Course Score ▼   Club WH ▼ +
Class JM ▼   N/C ☐ ID 1

OK   Cancel   Help

Tick the rented box by one of two methods: a) click with your left mouse or b) after the SI Number is entered push Tab key then space-bar once.

Kemba Jessup - 2038362

Details   Extras   Score

SI Number 2038362   **Rented ☑**
Name Kemba Jessup
Course Score ▼   Club WH ▼ +
Class JM ▼   N/C ☐ ID 1

OK   Cancel   Help

To update the other fields just click on the down arrow next to the appropriate field and select the course, class and club. These fields are preset.
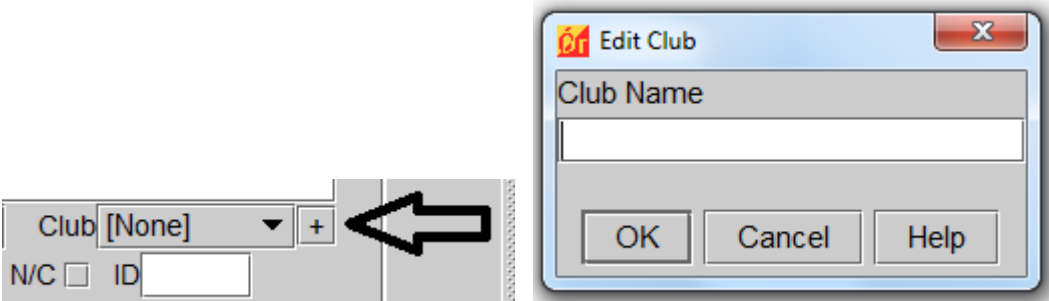
For the SSS the following applies:
Course is always a ''Score'' event.

Classes for the main SSS are: SJM, JM, OM, MM, VM, SVM, LM, IM, WaM, SJW, JW, OW, MW, VW, SVW, LW, IW, WaW and Group

Classes for the SouthSS or WestSS are: JM, OM, MM, VM, WaM, JW, OW, MW, VW, WaW and Group.

Clubs: BN, BF, CC, GO, GS, IK, NC, NT, SH, UR, WH, WP, WR, MD, NONE.

However if a club stated such an overseas or interstate on the rego card then what you do is
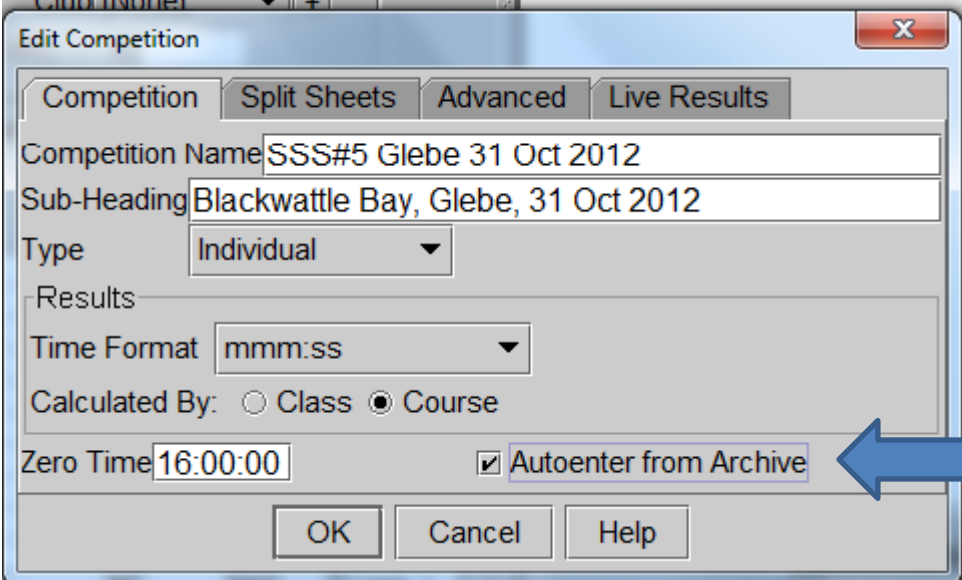

click on the "**+**"

Enter the club name then click OK. You will then need to click on the club down arrow and select the new club.

If everything else is correct then click on OK.

F2) Data entering of rego cards 2ˢᵗ Method for the Main North SS.

For the "main North SS" GO does the following:
A) In "Edit Competition" Tick the "Autoenter from Archive" box

B) Loads the StartList
C) Loads the Archive.
D) Enter only SI rentals and newly purchased SI Sticks from the Rego cards

With the combination of these facilities the data required is loaded automatically against the person's record when they download at the end of their course. These facilities load the necessary information required Persons Name, Course, Club, and Class thru' the common factor of the SI Number. This saves data entry during the running of an event.

The only entries that need to be data entered are 1) hire sticks 2) recent purchases of a new SI Stick which are being used for the first timed. At the end of the event the results are sent to the Bigfoot website by using the Live Results option which in turn updates the StartList for the next event.

F3) Data entering of rego cards 3rd Method for the West SS and South SS.

"West SS and South SS" GO does the following since the number of entries is usually less than 50.

1) Load the Archive
2) Use the "Autoenter from Archive"

We do not use the StartList because the classes are so different from the main SS. We manually load the entries by putting the SI Number in then tabbing through the fields as the majority of data required is loaded from the Archives. The exception here is the classes need to be loaded manually.

Another important thing we do not do is use is the "Live Result" facility as this would interfere with the main SS database which in turn creates the StartList.

G) Who is still out there?

A common question asked at all events is "**Who is still out there?**" We need to know this for 2 reasons:

1. Safety. So we know if we need to send out a search party in case someone is lost or injured.
2. So we know when the controls can be collected and we can all go home.

The following procedure describes how to use OR to perform this task easily and accurately.

E) Before the first person starts, take the purple control stick marked "clear backup" and dip this into each of the Start Controls. Take the purple control stick marked "clear backup"

and dip this into each of the Start Controls BEFORE the first runners start. This clears of memory of any starts from previous events.

1. After everyone has started, collect the start controls. Put the black ferrite core into the red Master Control Unit and put the Start Controls in turn on top of the Master Control Unit.
2. In OR, select Tools→Read Start Unit as shown below:
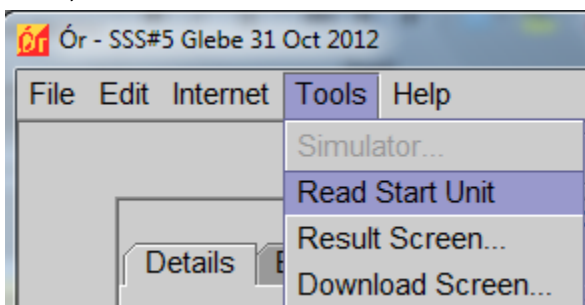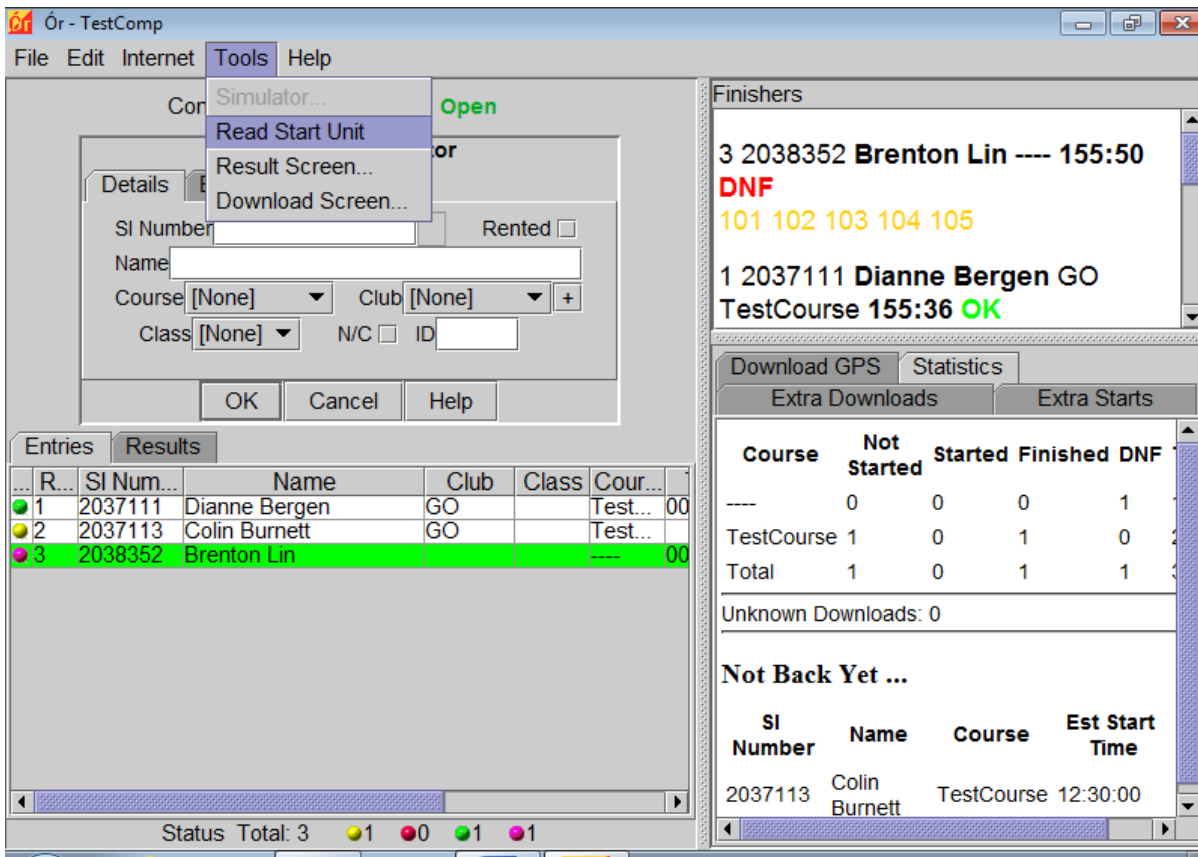
3. Select OK on the warning message:
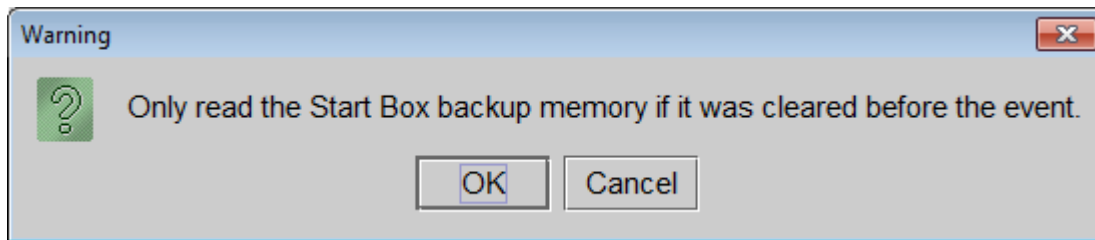
4. Click Close on the "Reading Start Unit" window.

This reads all the starts registered on that unit and updates OR as follows:

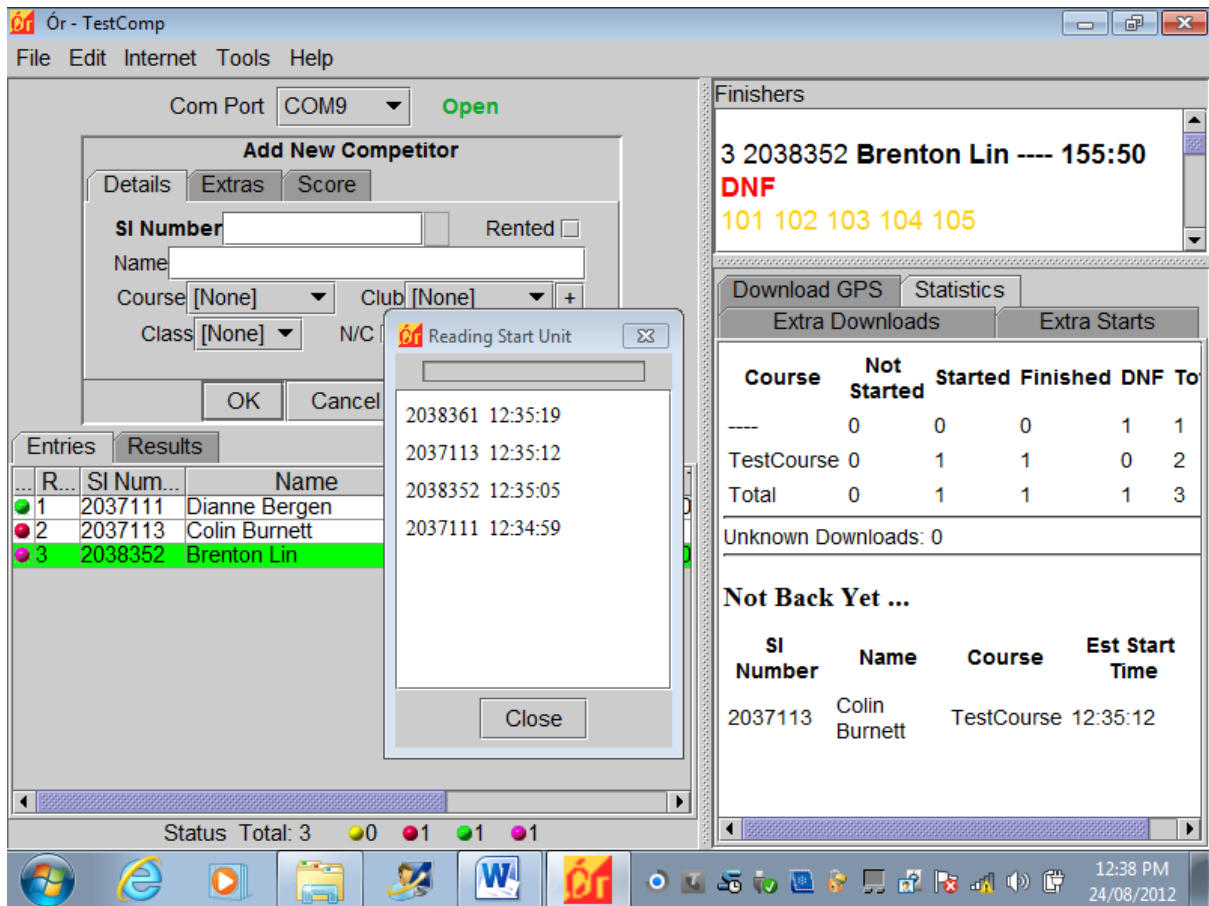- If the SI number has already finished (it will have the green ![green] FINISHED icon or the purple ![purple] DNF one), nothing is changed.
- If the SI number has been entered into the system already (it will have the yellow ![yellow] dot DNS icon by it), the icon is changed to red ![red] STARTED and the start time is updated.
- If the SI number has not been entered into the system, then the SI number will be placed in the Extra Starts

tab   see above:
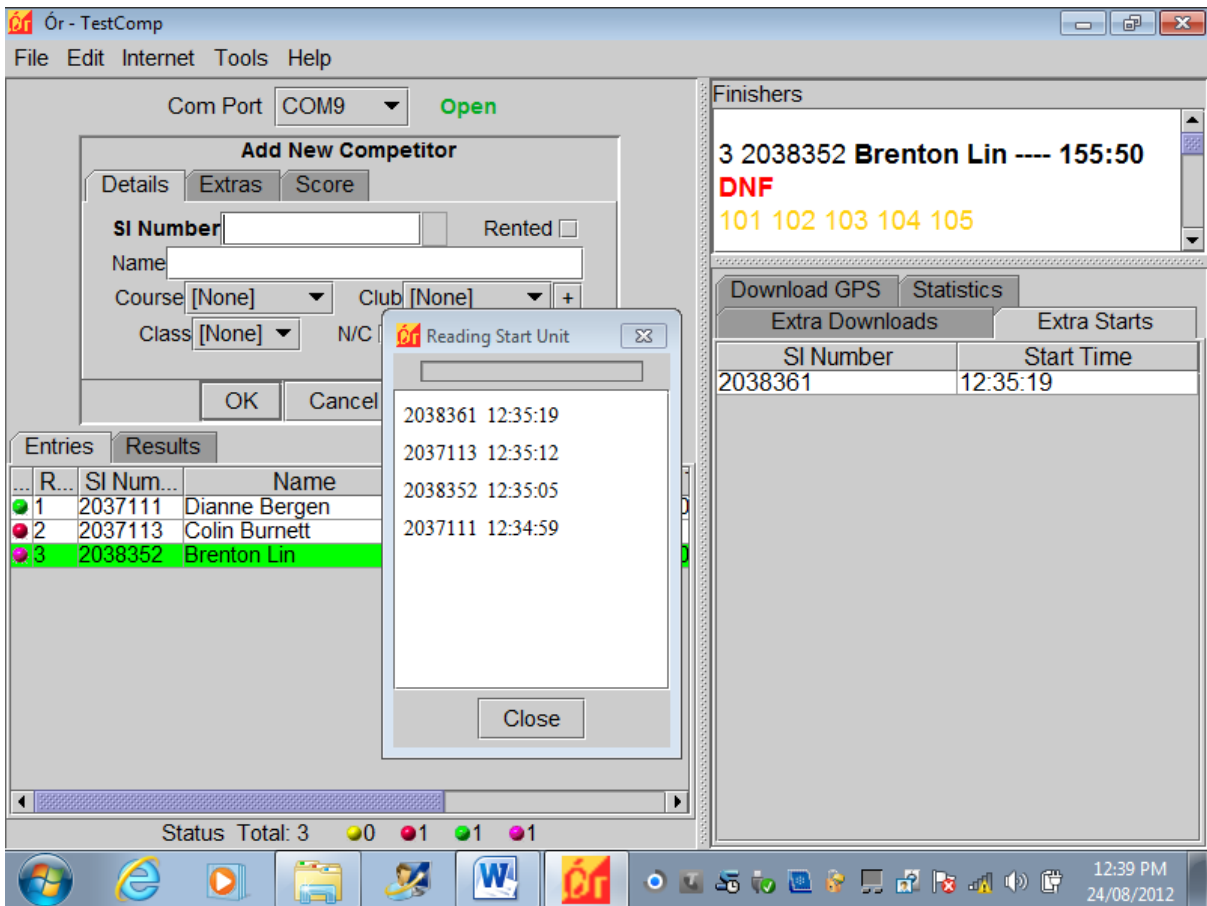
The total number of people still out on the course is the total number of red icons (shown on the status line at the bottom (see screenshot above) PLUS the number of Extra Starts.
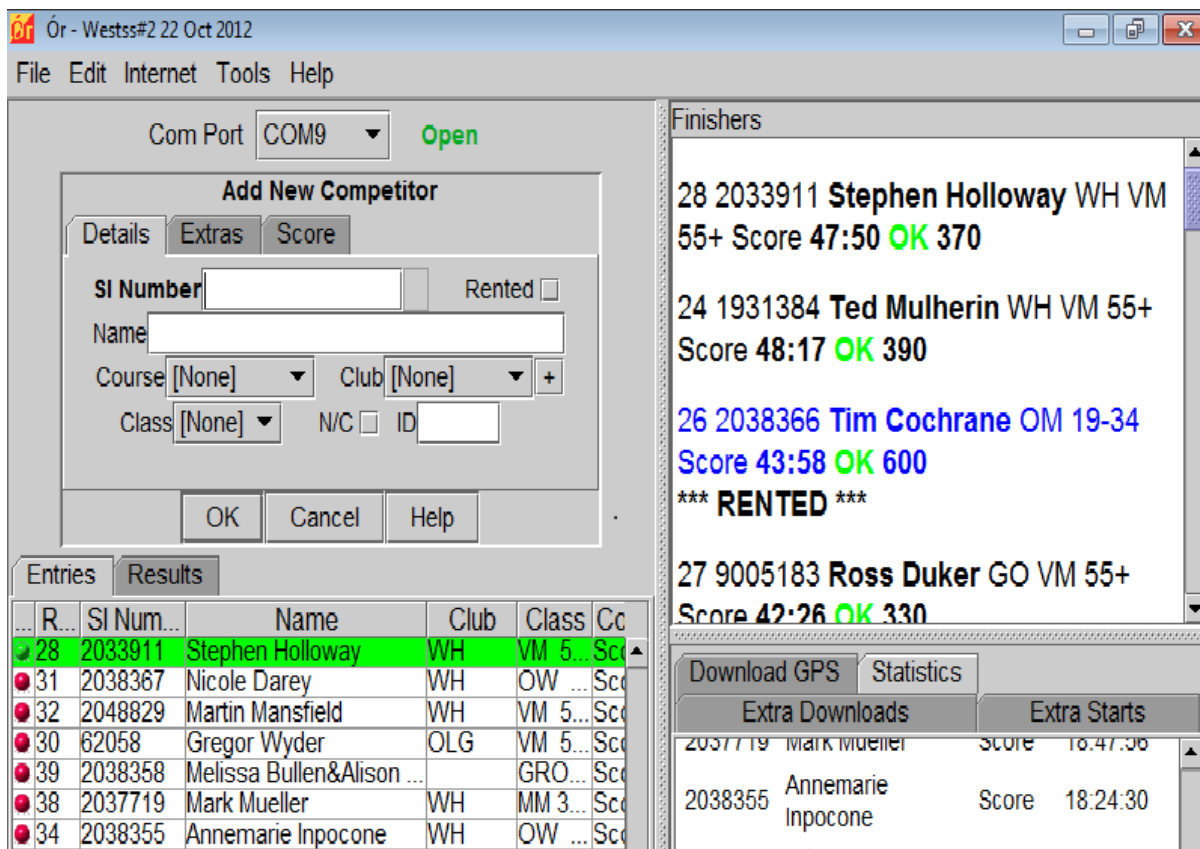
NB. Sometimes the downloading of Start times can cause the Master Control Unit to hang (i.e.not read any sticks). If this occurs:

1. Exit Or.
2. Disconnect and reconnect the Master Control USB.
3. Open Or. It will restart from where you were up to.

The disadvantage of using the Autoenter from Archive is that the Class is not automatically entered from the Archive. However, the advantage of this method you do not have to enter or check every entry at the event. After the event 75% (on average) of entrants classes have to be manually entered off the Rego cards. But this can be overcome by loading the StartList. With the StartList the class will be loaded using the Autoenter facility.

H)   SI sticks rentals

To control the issue of the SI sticks and to give accurate counts of the number issued since there are costs involved the following has been introduced. A list of all GO SI sticks for rental is now used, part shown below. What it entails is writing the SI number on the people hirers Rego card and writing the people names on the list similar to below. Multiple hire of the SI Stick can be achieved at an event provided the SI Stick is cleared and checked after each use.

		GO SI Rentals: Event:	
Hired	**SI Number**	**Person(s) Name**	**Person(s) Name**
1	2038351		
2	2038352		
3	2038353		
4	2038354		
5	2038355		
6	2038356		
7	2038357		
8	2038358		

I)   Problems with solutions when people download

After people finish their course they dip their stick in the "finish" control. Then proceed to the download area so their efforts can be recorded by dipping their SI stick in the "download" unit.

In a majority of cases the participants are recorded **OK**, as an example:

172 2016704 **Jose Chama** OM Score 45:32 **OK** 340

The numbers and words mean:
Competitor's Race No., SI Number, Competitors Name, Class, Score event, time, OK, Net Score obtained

The following are some scenarios that will occur as the SI sticks are download:

Messages come up as:
1) **unknown**.
   This is caused by there being a wrong SI number or the SI Number is not on the StartList or archive. To correct this scroll down to that person's record, double click on their record to open up the record and correct the details. The Or system will correct these new details without any additional action from the competitor, that is they do not have to download again.
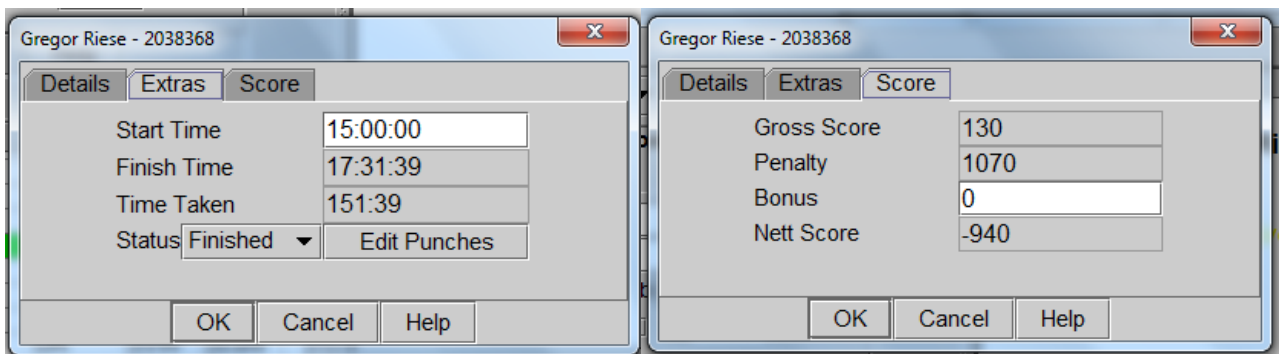
2) DNF

0 2038363b **Unknown DNF**
120 103 117 105 104 119 116 108 127 121 105 130
105 101 125 117 116 121 120 124 102 No Finish
Time

This indicates the person did not punch the "Finish" control. Ask the person to go to finish control and dip their SI stick in. Then download for the 2nd time. There will be no adjustments in the time delay in the person not dipping the finish earlier.
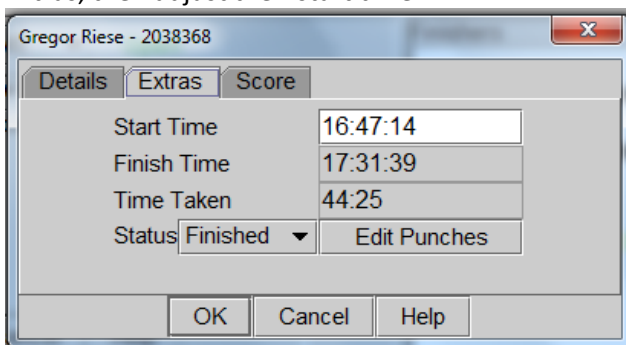
377 2038363b **Jim Merchant** GO LM Score **39:50**
OK 290

3) A person's score shows **negative -100s** when they download and an explanation cannot be given such as well over time.

121 2038368 **Gregor Riese** MM Score **151:39 OK**
-940

Gregor Riese - 2038368	
Details | Extras | Score	
Start Time	15:00:00
Finish Time	17:31:39
Time Taken	151:39
Status Finished ▼	Edit Punches
OK	Cancel	Help

Gregor Riese - 2038368	
Details | Extras | Score	
Gross Score	130
Penalty	1070
Bonus	0
Nett Score	-940
OK	Cancel	Help

The high "–" negative score indicates the Start was not punched. Also another indicator is the 15:00:00 time shown which is a default time.

After obtaining an estimate of their course time from the participant say 44m 25s then you need to go to Extras, then adjust their start time.

Gregor Riese - 2038368	
Details | Extras | Score	
Start Time	16:47:14
Finish Time	17:31:39
Time Taken	44:25
Status Finished ▼	Edit Punches
OK	Cancel	Help

After this action Gregor Riese downloads for the 2nd time and the result is:

121 2038368 **Gregor Riese** MM Score **44:25 OK 130**

4) Rental Sticks

**310 2038366 Robert Slater OM Score 8:13 OK**
180
*** RENTED ***

As can be seen from Robert Slater result entry above indicates this is a *** RENTED *** SI stick.

The participant needs to hand their SI stick in at the download desk after they have downloaded.

5) adjusting score for a failed or missing field unit

If a control is stolen or for some other legitimate reason a person could not punch a control then they can be given points. This is done by going to the person's record and click on the Score tab.
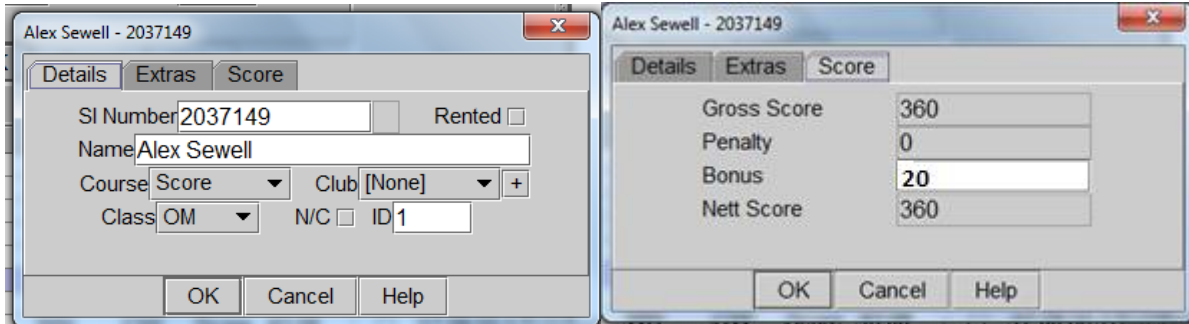
Then add the appropriate **Bonus** score eg 10, 20 or 30 then the Nett Score will be adjusted accordingly.

6) Deleting a competitor. eg. a competitor has been entered twice

This can be done by double clicking with the *right mouse* on the person's entry then just choose Delete. Make sure you leave the entry with the green dot ● as this is a completed record.

7) re-using SI sticks

Yes, SI sticks can be reused at the same event. This can be done provided the 1st person has returned and downloaded prior to the 2nd person cleared and checked prior to going out and doing a course. *Or* should only be updated with the 2nd person's details after the 1st person has returned and downloaded.

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The general rule is if a person's entry information is changed on "Or" after the 1st download and changes are made then they need to download for a 2nd time.
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J)   **Printing Results**

This can be done in several ways:

1)   The simplest is just go to File/Print/Print Results. It is suggested this is done say every 15 minutes or so during an event. This gives the results in a format as shown below in H)
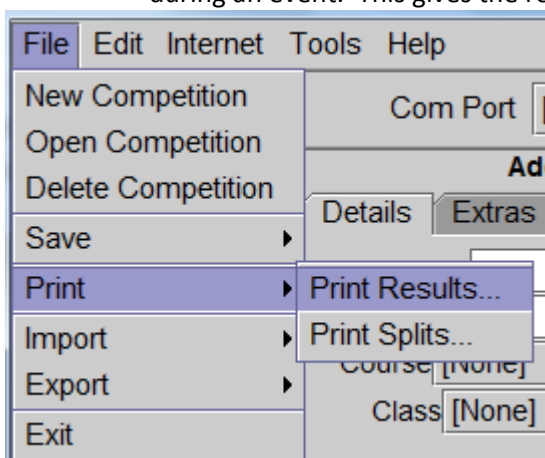
2)   Another method is to set up the printer to print automatically every 15 minutes. These method has been written by Andy Simpson from Bigfoot

Follow this link   http://www.sportident.itsdamp.com/

## Useful files for SportIdent Events using Ór, SI Simple or SIDResults

The following files are generated from the results pages from the Sydney Summer Series orienteering **here** and a database of all known Australian SI numbers (based on Easter 3 days and numerous NSW events).

Then scroll down to Other files point 4. Install package for periodic web printer.

Other files

4   Install package for periodic web printer.. This small Windows program can check a web-page on a periodic basis (eg every 15 minutes) and print the page to the specified printer if it has changed. This can be used in conjunction with Ór if your web-results look better than Ór's printouts (which use a small font) or if you want to automate printouts. Make sure your printer is specified correctly.

The Web Page address needs to have the current event in this example sss10. You need to be connected to the internet for this periodic printer to work
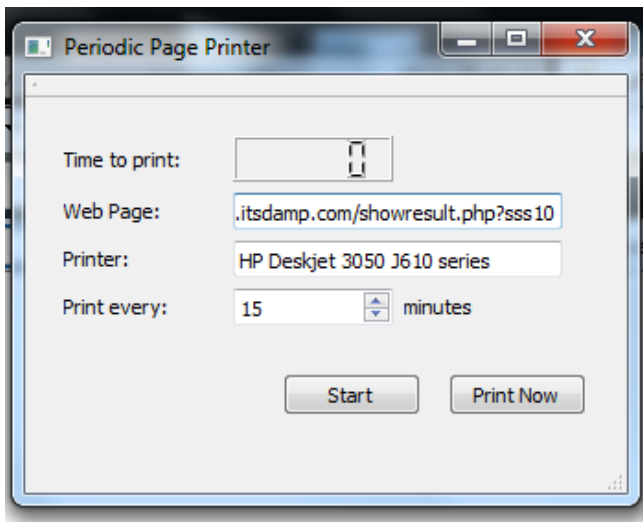
K)   Results Distribution

The results from the SSS events are posted on various websites
www.sydneysummerseries.com.au -- email David Noble < ssswebresults@gmail.com>
www.nsw.orienteering.asn.au -- email Anthony Darr <admin@onsw.asn.au>
and usually the organisers' club website for GO website send to David Bowerman david2013b@gmail.com
for the Route Gadget – email Russell Rigby <icarigby@hunterlink.net.au>

The results are recorded in two ways: Results and Splits. The Results file shows the total score of each individual compared to other competitors sorted in net score order, highest to lowest.

|	Name	Class	Club	Time	Score	Gross Score	Penalty	Bonus
1	Steve Ryan	OM	GO	49:56	520	570	50	0
2	Richard Green	MM	GO	47:29	510	540	30	0
3	Andrew Hill	OM	WH	50:54	500	560	60	0
3	Glenn Horrocks	MM	GO	54:34	500	600	100	0
5	Mark Schaefer	OM	CC	52:16	480	560	80	0
6	Kar-Soon Lim	MM	GO	47:53	470	500	30	0

The Splits give in the same sort order but with the additional information of the order of controls visited with the time taken between each control.

```
                               (24)  (19)  (29)  (13)  (03)  (08)  (18)  (17)  (07)  (28)  (30)  (09)  (20)  (06)  (16)
423  Steve Ryan        OM    49:56 1:08  2:55  4:51  6:35  7:42  9:25 11:53 14:20 15:46 16:35 18:49 20:09 21:14 24:17 25:50
     GO                            1:00  1:47  1:56  1:44  1:07  1:43  2:20  2:27  1:26  0:49  2:14  1:20  1:05  3:03  1:33
                               (27)  (26)  (25)  (05)  (04)  (14)  (21)  (22)  (15)  (23)  (11)  (12)
                              26:52 28:44 31:46 33:20 34:31 35:25 38:19 40:16 41:56 44:26 46:39 48:49
                               1:02  1:52  3:02  1:34  1:11  0:54  2:54  1:57  1:40  2:30  2:13  2:10
                               F
                              49:56
                               1:07
```

The Results are recorded under Edit Competition/Live Results – the website is stated in the enclosed panel.
The Live Results is used by Russell Rigby in doing the Route Gadget output.
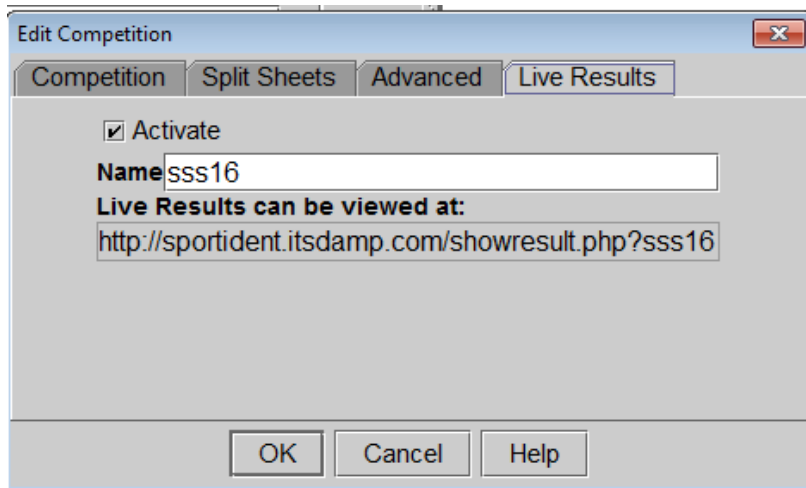
The Splits are saved by File/Save/Save Splits …
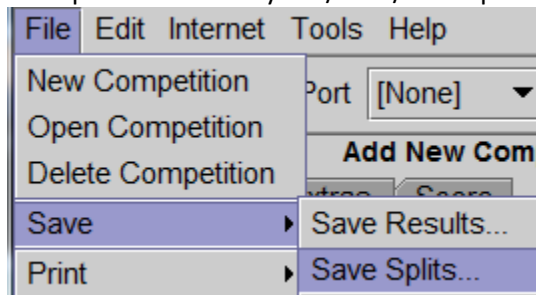
Then save under c:/sportident/events: eg   *Splits sss7 16 Nov 2011*

The Split file and the web address for the Results are emailed to David Noble at ssswebresults@gmail.com ,
Anthony Darr at admin@onsw.asn.au and the organising clubs webmaster.

A temporary emergency fix
If you have problems saving Results (as opposed to Splits) then the following can be done as a temporary
emergency fix
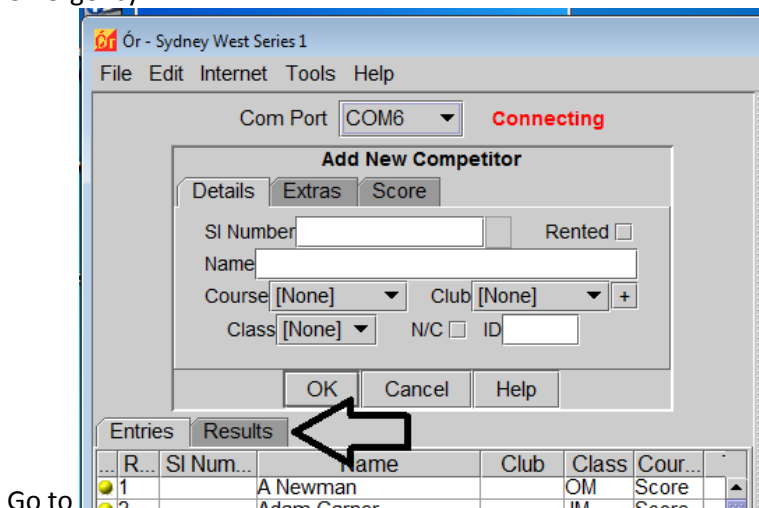
Go to

Click on "Results" tab
Click on Score
Highlight all the Results including the headings
Ctrl C
Open Excel
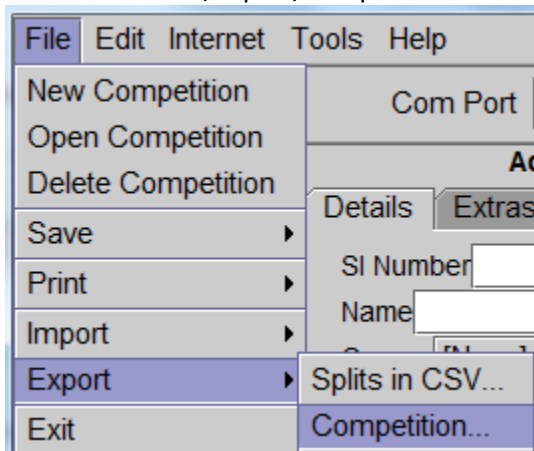Ctrl V (pastes into excel document)
Adjust column widths, if appropriate
Save As [File Name] .format CSV or XLS or Web Page

L) Export/Import of a competition

At the end of a competition you may want to transfer an event information to another computer.
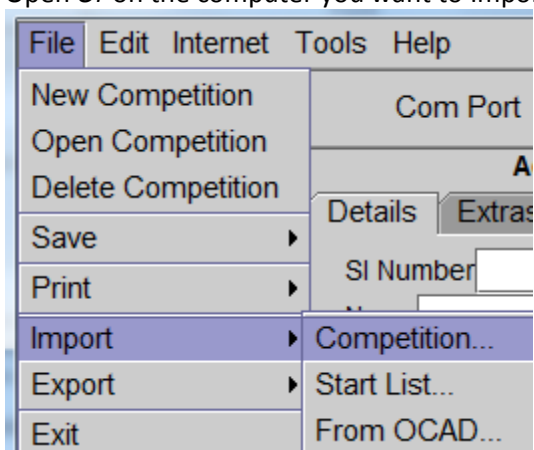The method to do this is as follows: 1ˢᵗ you need to Export the competition file

Go into Or   File/Export/Competition as shown:

Save under an appropriate directory and file name eg   C/sportident/events/sss10.competition.or
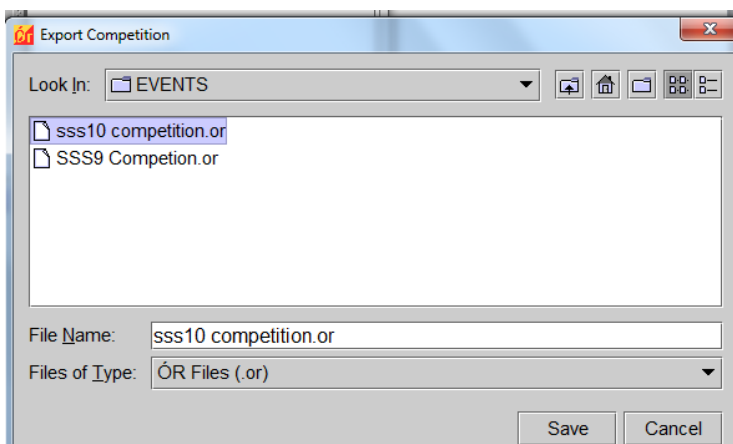
Then you need to *Import* the competition to the other computer
Open *Or* on the computer you want to Import to:

Go to the File that you previously Exported
Eg C/sportident/events/sss10.competition.or,
click on this file and presto the competition is loaded.

M) How to set TIME on SI Master (Clear)

All controls including Spares, Clear, Check, Start and Finish times need to be changed every six months because of daylight saving changes in the South Eastern states.

The GO Master unit is also the Clear unit.

Open up SI-Config on your desktop
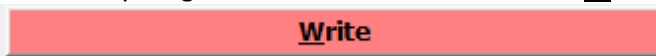

Set the variables to the following as shown below
remote, in the Write filed **Code no** of unit in this case it is **3**, Click on the Operating mode and choose **Clear (completely)** from the drop down menu. Before you proceed you need to connect the **Master Station** to the computer. Place the SI Master with the **black magnetic stick** in the dipper hole, then place the **SI Master** on top of the Master Station with the magnetic stick aligning both devices.

After everything is set as above then click on the **Write** button

Now we are set to change all controls to same time as the **SI Master (Clear)**

N) Changing TIME on all Controls including Spares, Check, Start and Finish

This procedure is usually done once **J)** above is completed.

The equipment required is the **SI Master**, **Controls** and **black magnetic stick** and the **Service Off Stick**

Place the SI Master on a table, with the Service Off stick double click the SI Master (this sets the SI Master to TIMEMA – time master mode), place a control to change on top of the SI Master with the magnetic stick aligning both devices. Then the Control your changing will double Beep indicating the Time has been changed to agree exactly with the SI Master. Continue and do the same for all Controls including Spares, Check, Start and Finish. To deactivate the SI Master just double dip with the Service Off stick.

SI Master on top of Master Station connected by black magnetic stick

Control 10 on top of Master Station connected by black magnetic stick

O) GO computers passwords

The password for both of the GO netbook computers is "gosportident" all lower case.

P) Activating the Master Station in Or

The Master Station is the connecting device between the SI stick and the netbook (computer). So the following shows you how to connect.

Or will look like this if Or is just opened without connecting the Master Station ie the Com Port shows [None]
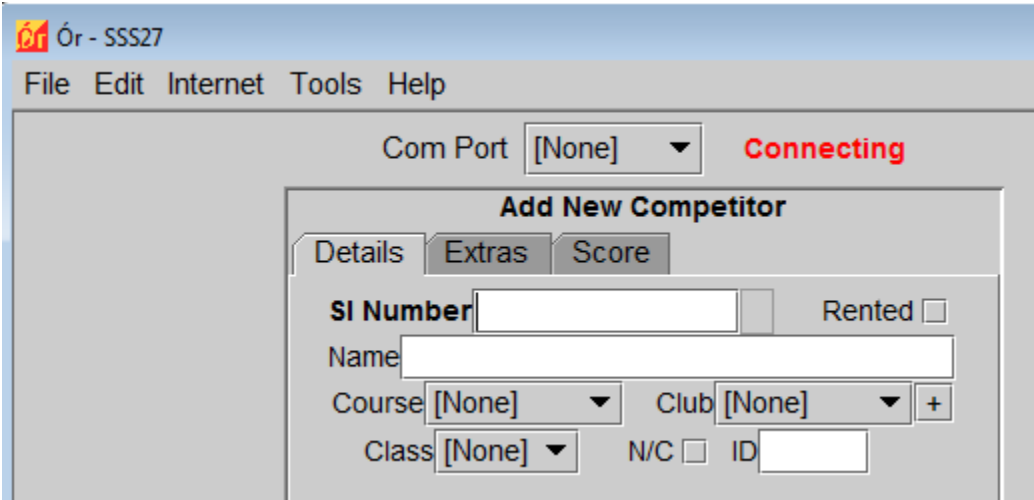
To overcome the non-connection close down Or. Plug the Master Station into any USB port of the hot pink netbook, Open Or for the desired competition.

Then the Com Port will show a COMx. The x could be any number but at present COM9 is the number. You will also notice the red **Connecting** will change to green **Open**. If you have trouble connecting to a Com Port – close down Or, connect to wireless broadband, then click on Or to open.
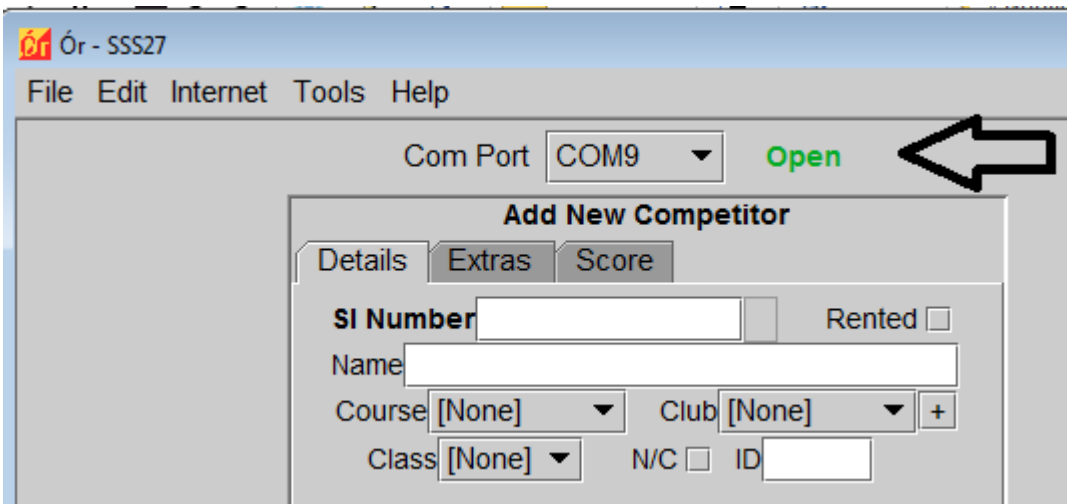
Once the system shows **Open** then Or will except the downloading of SI sticks.