

<SkiSnow-Pro>

Technical Reference Manual for Snowboard Cross SBX (Qualifications + Final rounds)

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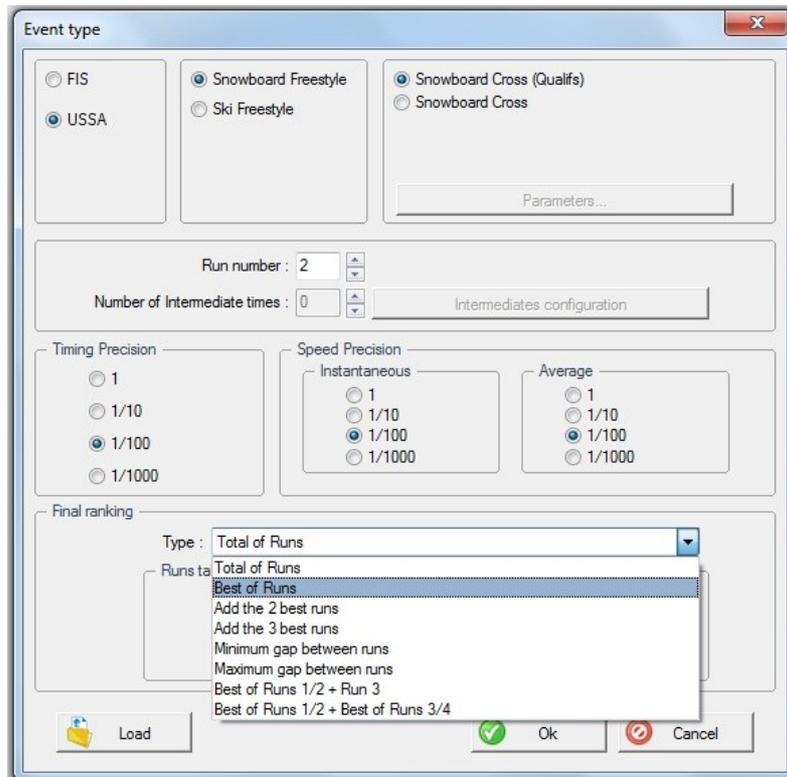
[Step A.2: Create an event of finals with all the competitors of all the categories:](#).....31

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These are the step-by-step instructions for recording a Snowboard Cross event. If you follow the instructions and still have technical difficulties running the program, please contact your Information Technologies specialists first. If you believe that there is something wrong with this file, please let us know at the following address: vola@vola.fr.

Step 1: Create an event of type "Snowboard Freestyle", discipline "Snowboard Cross (Qualifs)" and of one or two runs:

Choose the number of runs (usually 2, sometimes 1, and up to 9 for jam sessions).



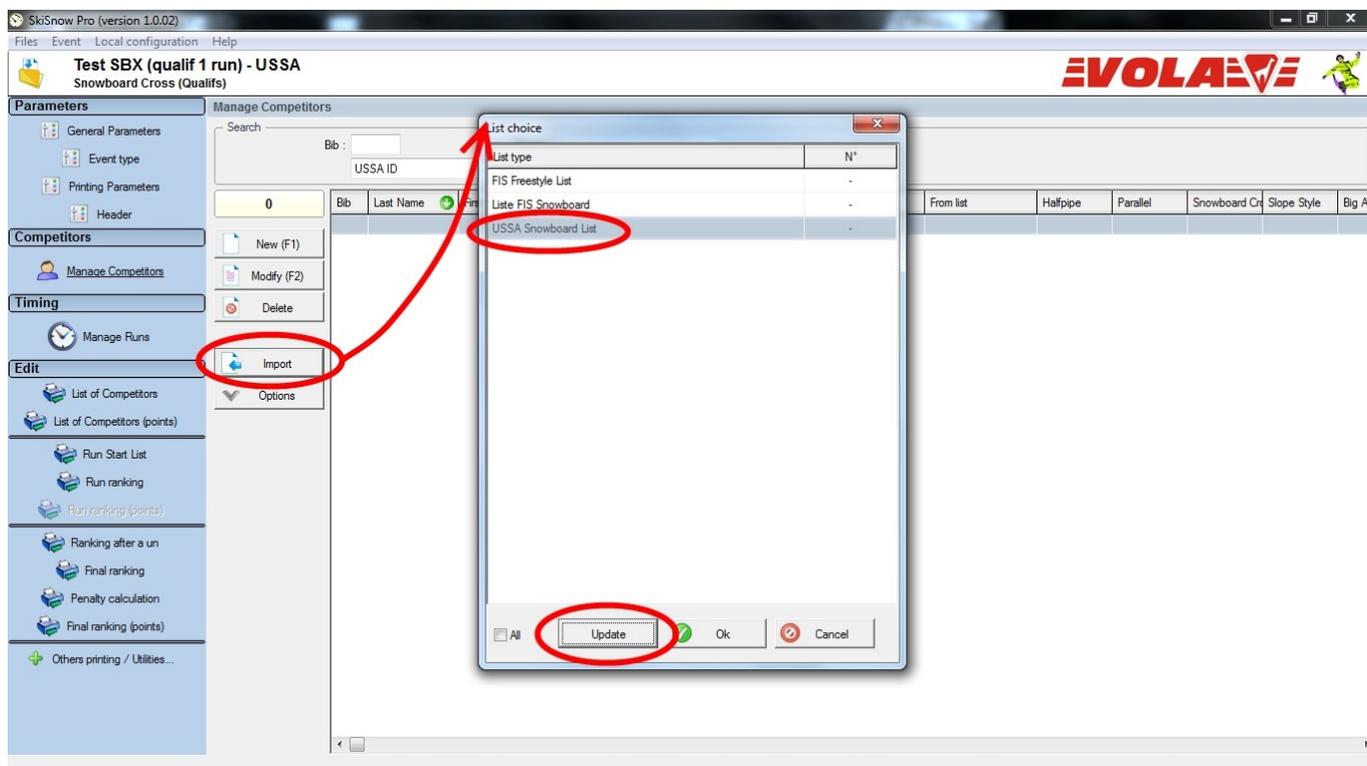
Make sure that the ranking type "Best of Runs" is selected.

Step 2: Manage Competitors:

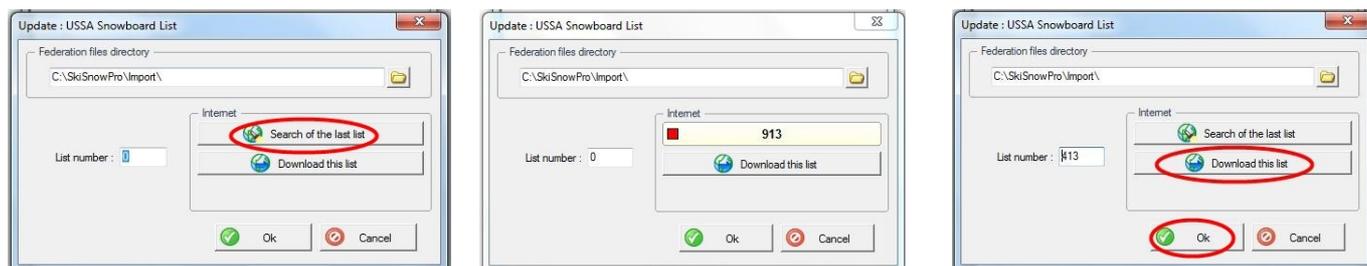
In our example, we choose to import competitors from the USSA Snowboard List No. 413 by clicking the button "Import".

Step 2.1 Updating a federal list of points

In the "List choice" window opened, select the desired points list (USSA Snowboard List in our example), and click on the button "Update".



In the window below, click on the button "Search for the last list" (or enter directly the desired list number in the text-box "List number"). Then click on "Download this list" and validate the update process by clicking on "Ok".



Once back in the "List choice" window, validate with "Ok" to display the selected federal points list.

Step 2.2 Selecting competitors in a points list

The desired list is now displayed.

We will click here on the check-box "Filter" to select only the competitors of male "Gender" and having "Snowboard Cross" points between 1 and 1000:

The screenshot shows the 'USSA Snowboard List n°413' window. The 'Filter' checkbox is checked and highlighted with a red circle. A 'Filter' dialog box is open, showing the following criteria:

- Gender: Men
- Snowboard Cross: From 1.00 To 1000.00
- Selection: 45/321

The 'All' button is also highlighted with a red circle.

Then click on the button "All", validate the filter with "Ok" and close the List with the upper right cross:

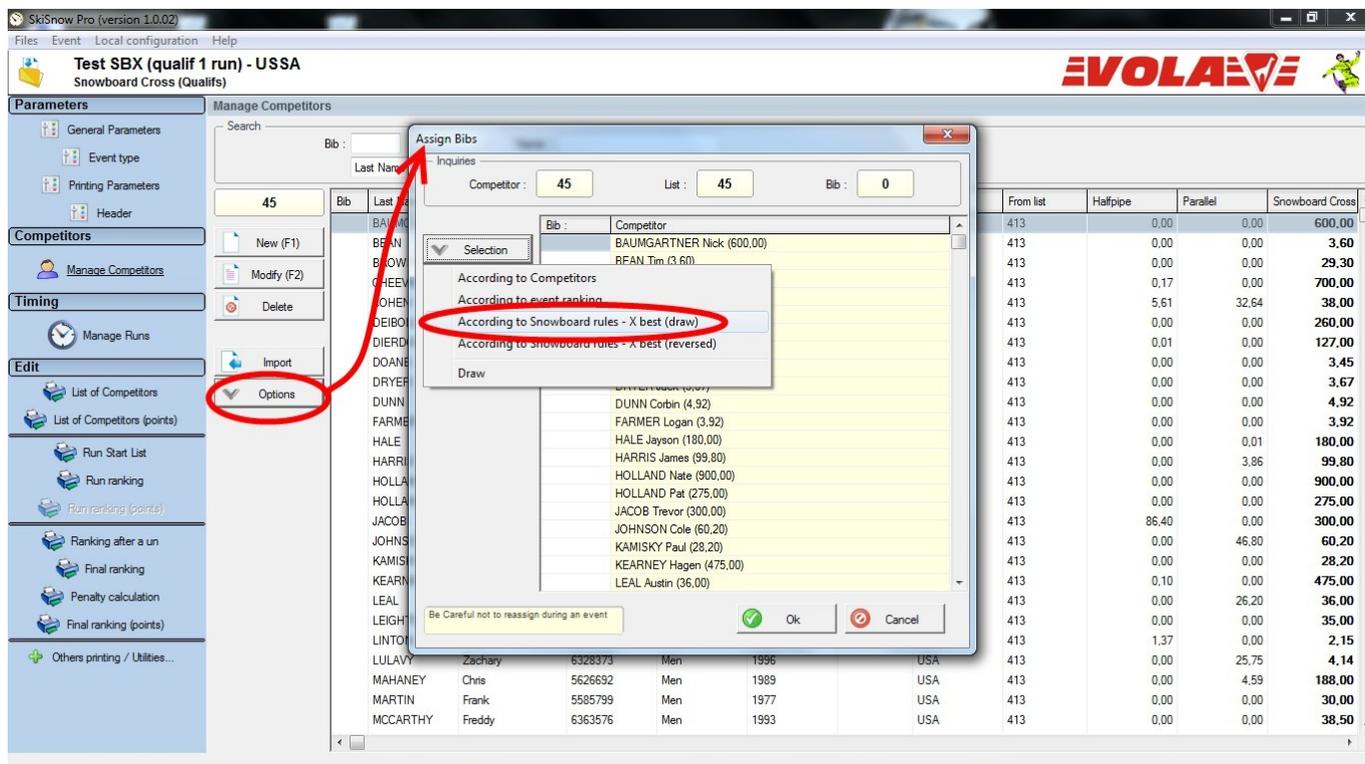
The screenshot shows the 'USSA Snowboard List n°413' window. The 'All' button is highlighted with a red circle. The 'Filter' dialog box is still open, and the 'Ok' button is highlighted with a red circle.

Step 3: Assign bibs:

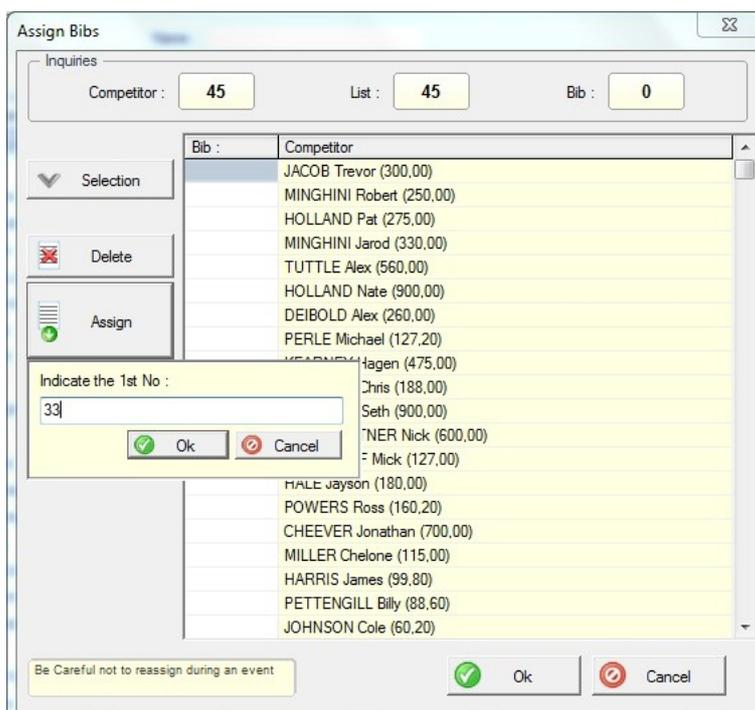
Once you have imported your competitors, click on "Options" and then "Assign bibs".

The following window will open.

First, order or draw the competitors by clicking on the button "Selection". Most commonly you will select "According to Snowboard rules - X best (draw)", validate the optional filter window, and enter a number for the drawn group (the default value 16 will be usually fine) and validate.



Then click on "Assign". The software will ask you to "Indicate the 1st No". enter "17" or "33" depending on the number of competitors who will be qualified. (This is the international rule to leave the first bib numbers for the final rounds. Non-qualified competitors have no bib number in the overall ranking of the final rounds.)

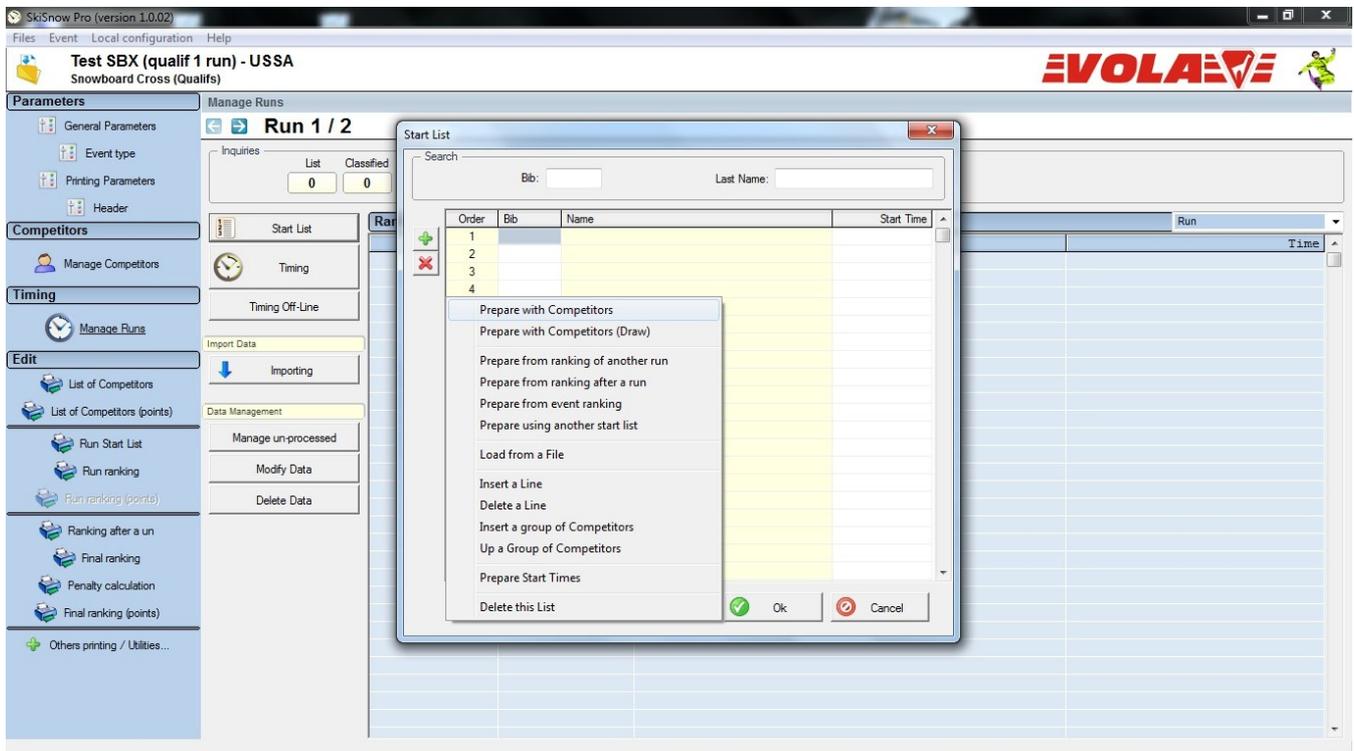


Step 4: Start List: in the bibs order / print it

Click now on the link "Manage Runs" then on the button "Start List".

The window below opens.

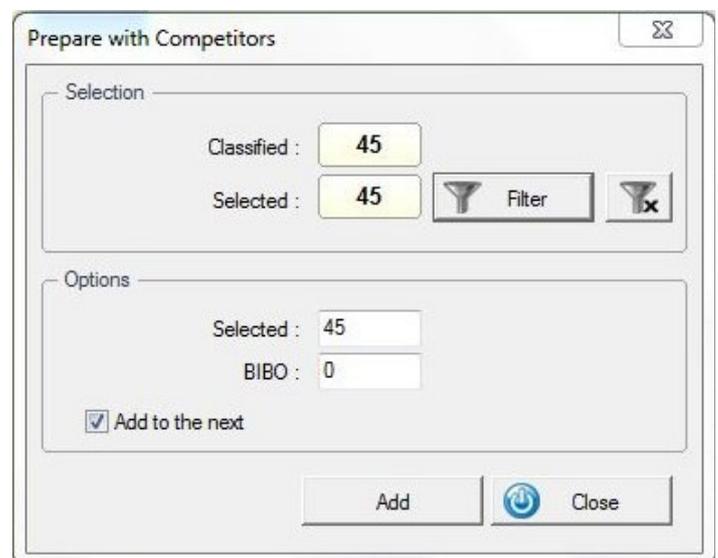
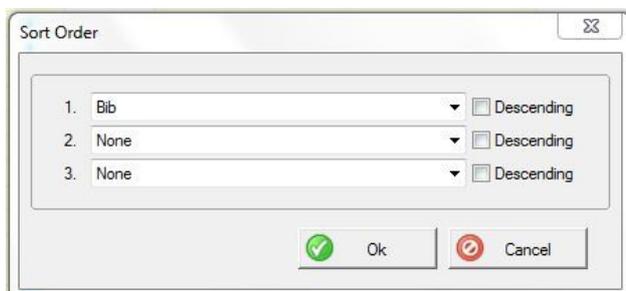
You can prepare the Start List directly from the competitors list as the bib have already been assigned according to Snowboard rules. Click then on the button "Options" and select "Prepare with competitors".



The following windows successively opens.

The first one offers you the possibility to order the competitors according to Bib, Name, Category, Discipline... Leave the default Sort Order by Bib.

And the second one enables to set a filter or a Bibo. Click on the button "Add" and then "Close".



Just after the creation of a Start List, it is usually printed in order to placard it publicly.
 To do this, click on the link "Run Start List" in the section for edits.
 You will then have to choose the run.
 Then you can set up the fields to display for the Start List according to your needs.
 Click on "Preview" to visualise the result. You can then print it or publish the Start List.

Step 5: Timing the qualification event:

Switch to timing mode by clicking on the button "Timing".
 You will then see the timing window as described below:

- you can see all the records ranked by numbers.

- in this column, you can see all the impulses sent by the start detector.

- in this column, you can see all the impulses sent by the finish detector.

- you can see the event ranking.

Tip: Before the first run of the first event, in order to make sure that the computer and the timer are synchronised, you must get an impulse as you will be in the "Timing" section but without having unlocked the reception for the start line in this timing window.

Step 5.1: Unlocking the reception of start and finish impulses:

When you are waiting for the competitors, you have first to unlock the impulse buttons by double-clicking on them. (You can unlock the start and finish buttons once for all the race or when you have a break during the race or, if you prefer, after each racer by double-clicking on these buttons.)

The green buttons mean that the start and finish lanes are opened, whereas red buttons would mean that the start and finish lanes are closed (that is to say that they are locked and thus won't record any impulse).

Step 5.2: Receiving and processing impulses:

The first impulse should come from the start lane and you should have the window as below:

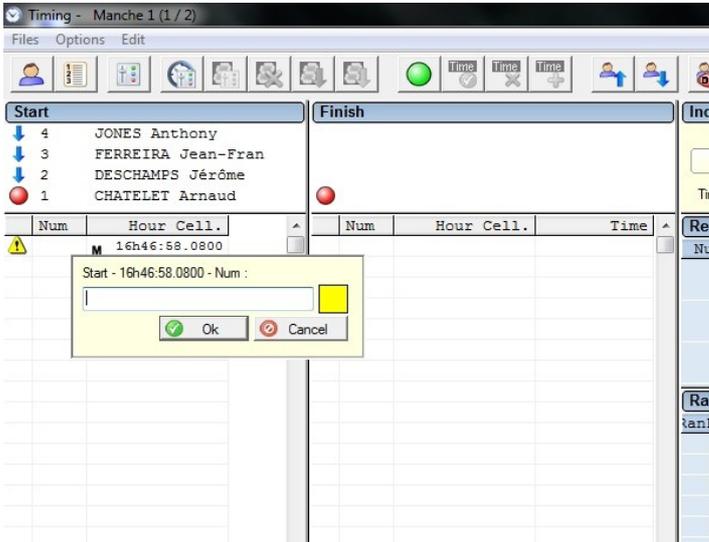
The start time of the first racer (Num 1) should appear according to the hour time.

The running time of the racer appears here.

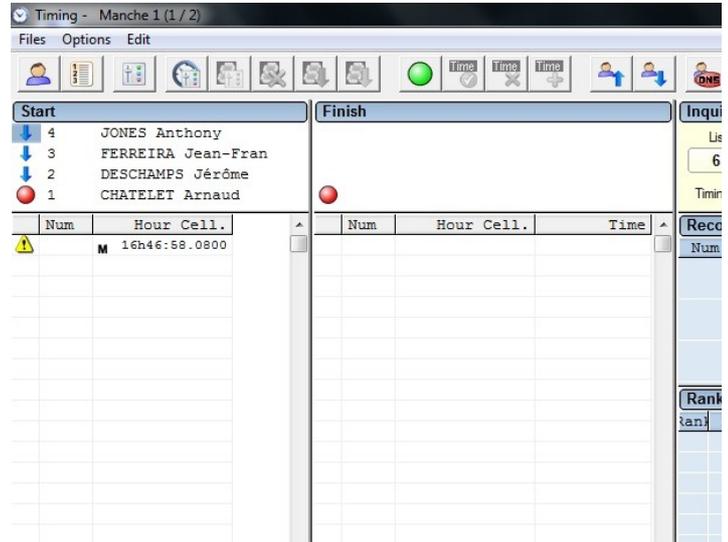
You can check there the paper printing of the timing device.

If you have forgotten to unlock the start lane (red button), the application will pop up a warning like in the image below on the left. Enter the number of the racer (Num 1) in the example and click on "Ok". If the impulse has been done by error on the start lane, click on "Cancel" and you will have the window as the one on the right below.

First racer started and you forgot to unlock the start lane.



The start lane has recorded a false impulse and you have cancelled it.



If there's only one competitor currently racing, the second impulse should come from the finish lane.

The software will change to the window below:

Finish hour and elapsed time of the first competitor are written here.

Ranking + time

Chronological record of the competitors timing data.

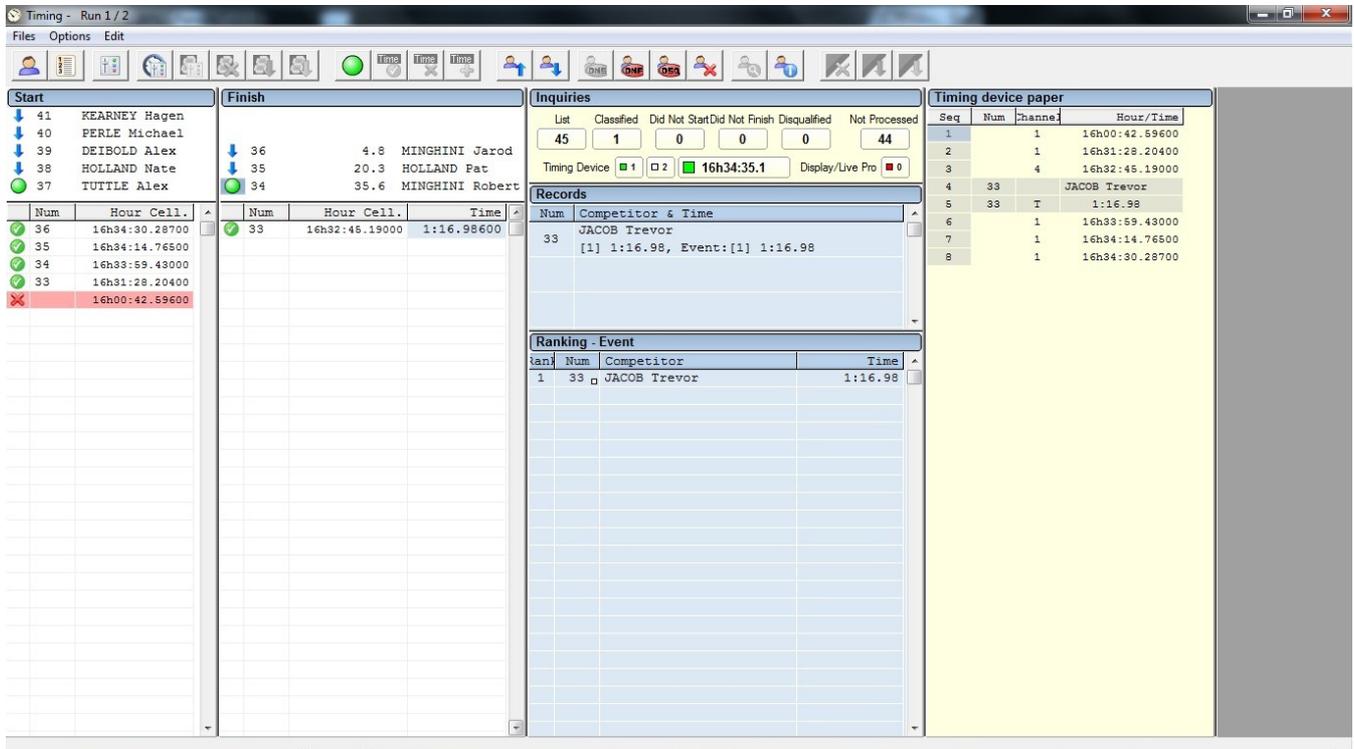
Seq	Num	Channel	Hour/Time
1	1		16h00:42.59600
2	1		16h31:28.20400
3	4		16h32:45.19000
4	33		JACOB Trevor
5	33	T	1:16.98

Num	Competitor	Time
1	JACOB Trevor	1:16.98

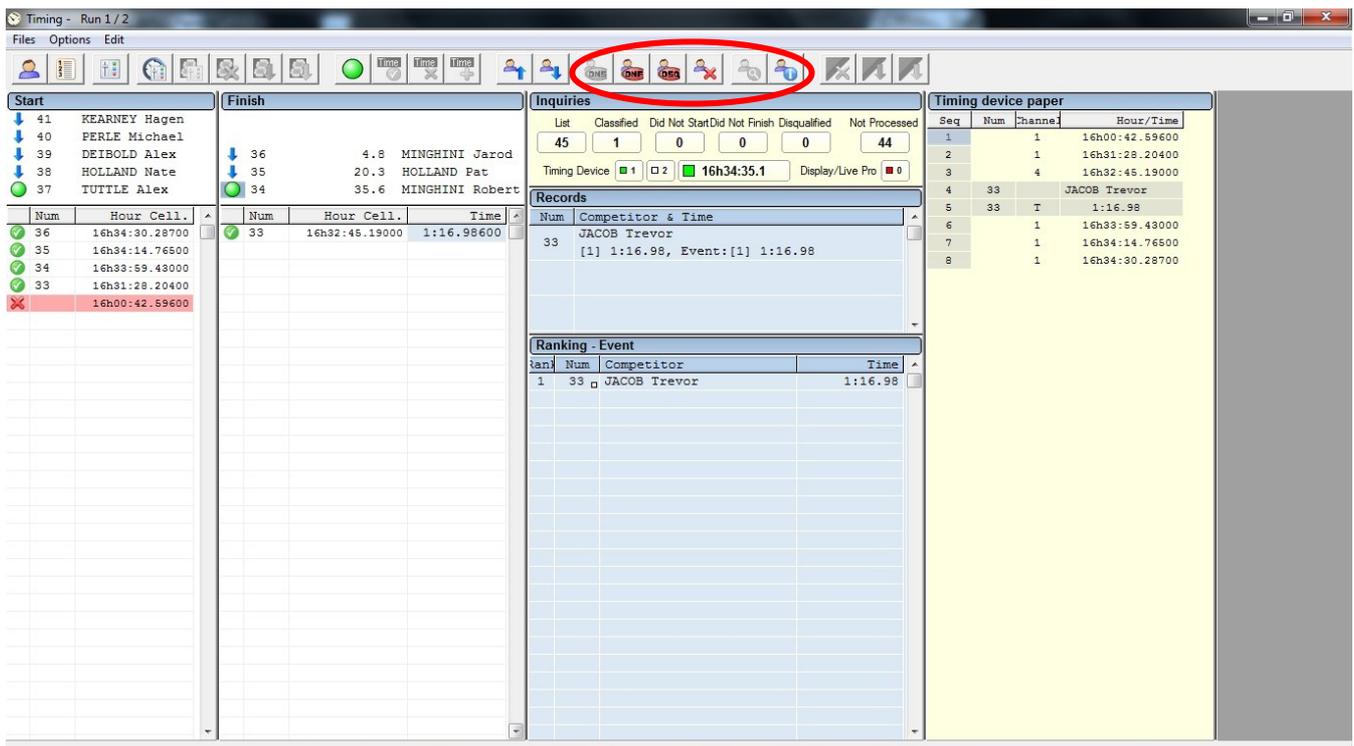
Step 5.3: Timing several competitors at the same time:

All your competition will progress according to the process seen previously.

Your competition can be managed one competitor by one competitor but when you feel confident, the software allows simultaneous timing of several competitors.



Note that the buttons circled below allow you to manage the competitors if they are DNS (Did Not Start), DNF (Did Not Finish) or DSQ (Disqualified). They can be used directly or you can use the shortcuts on the keyboard like F9 = DNS. (See all the shortcuts in the menu "Options".)



Step 5.4: Visualising and editing the ranking after a run:

As soon as the whole run has been recorded, exit from the "Timing" section by clicking on "Files" and "Exit Timing".

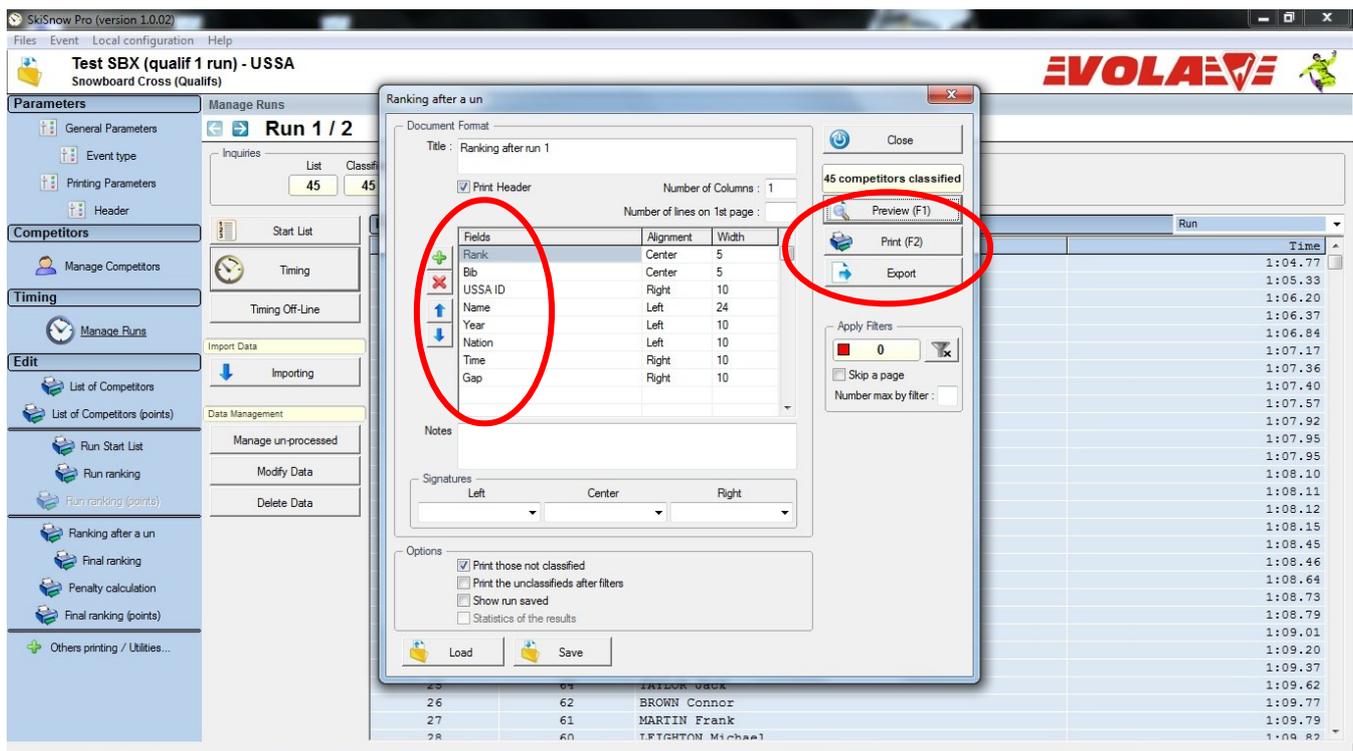
Here you are back to the "Manage Runs" section. You can see the ranking of the run and create the unofficial run ranking by clicking on the button below.

You can see the ranking of the run in the main window.

And you can create the unofficial run ranking by clicking on "Run ranking".

The window below will open and you will have the possibility to configure your run ranking. You can define the information you want to display such as "Name", "Year of birth", "Nation", "Club",

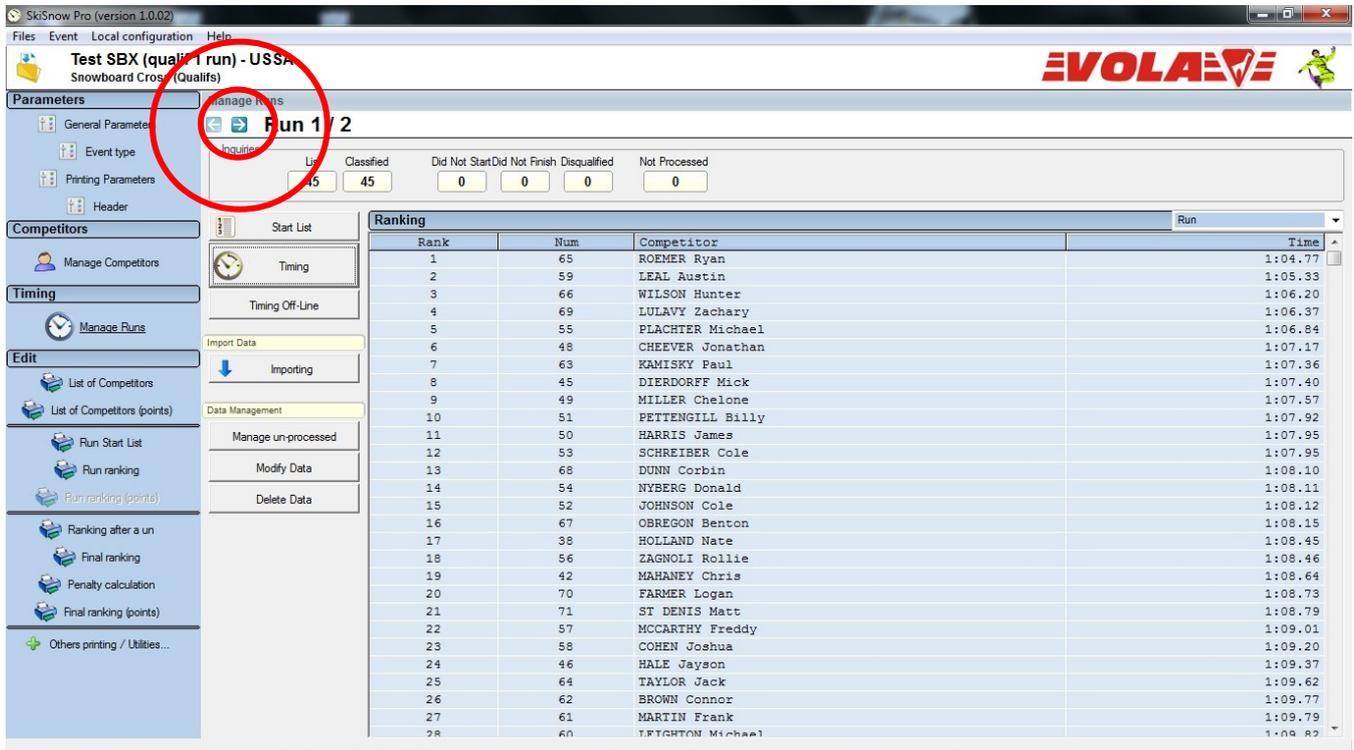
Then, click on "Preview" to view it, and then "Print" or "Export" according to your needs.



Note: If your competition has only one run, your timing is finished and you can go directly to Step 6 for the edition of the final results.

Step 5.5: Timing a second qualification run:

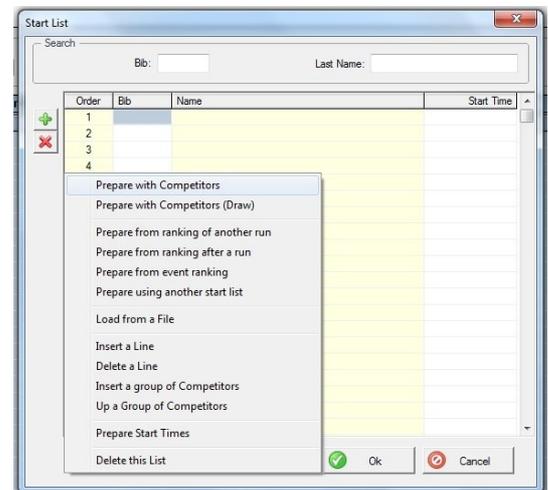
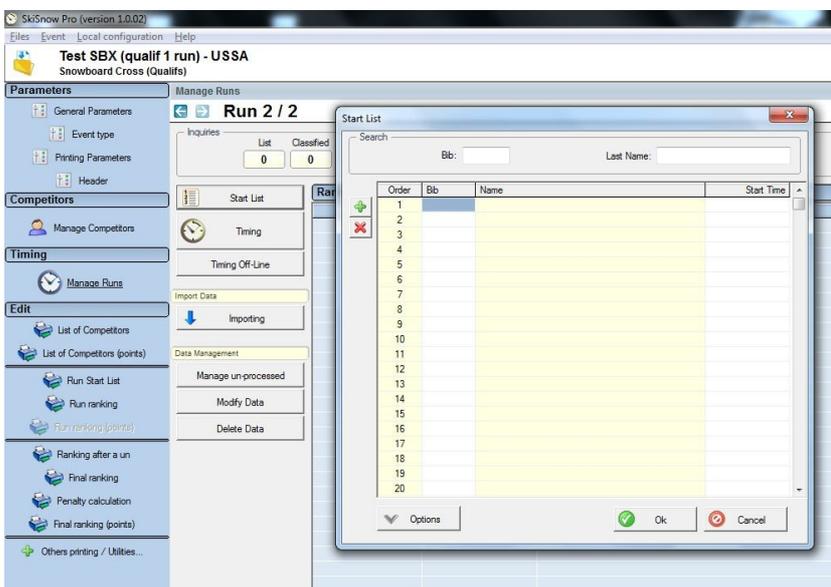
In case of a two run qualification, click on the dart circled below. You will automatically enter into the second run management.



First of all, you have to create the start list of the second run. Click on the button "Start List" and the following window will open.

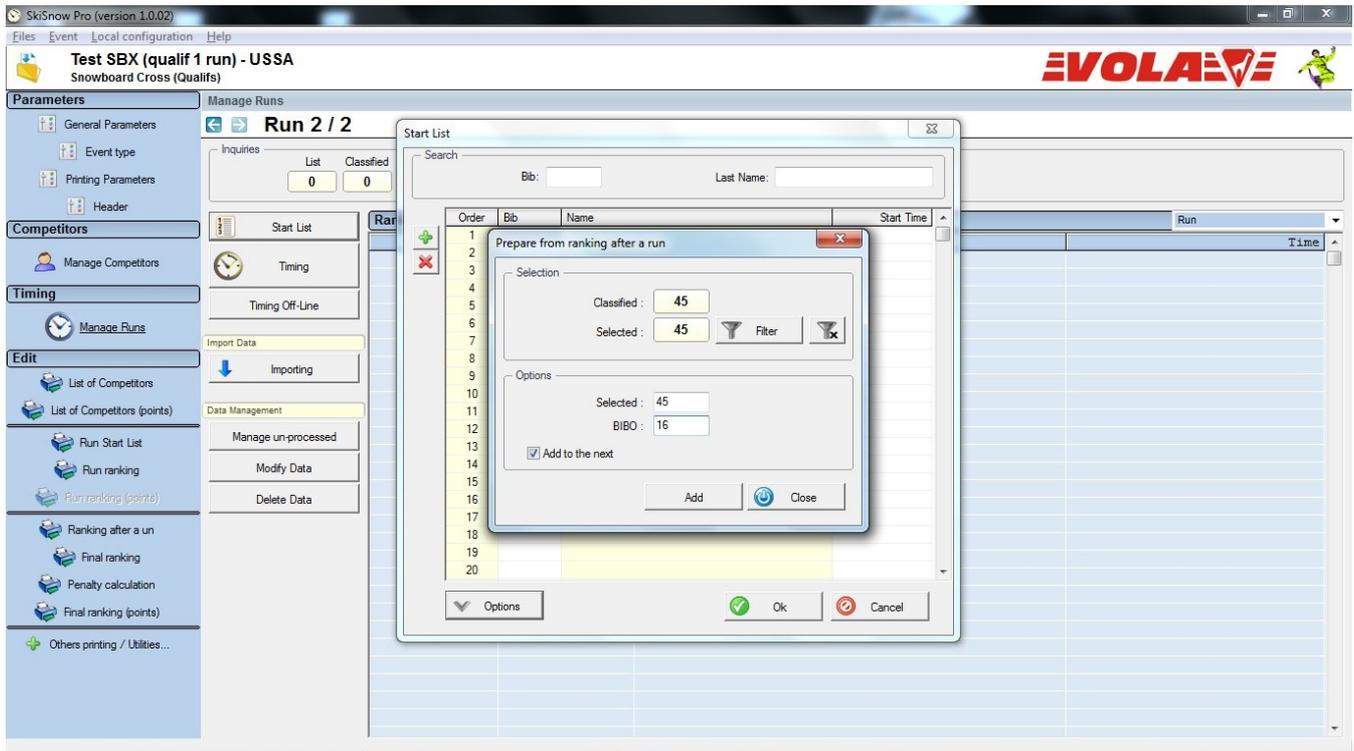
According to the classical "Two-run" qualification format (see 2705.1.2.1 in the Snowboard International Competition Rules), the top 16 competitors start in reverse order.

As done for the first run, the application gives you many solutions to prepare the start list from rankings, events or even championships. So here click on "Options" and choose "Prepare with Competitors" and keep "Bib" for the "Sort Order".



Then according to FIS rules for Snowboard Cross, **enter a BIBO of 16**: the 16 best start in reverse order of the first run.

Validate by clicking on "Add".



At this stage you can edit the "Run Start List".

Click then on the button "Timing" and process the timing of the second run as you did for the first, from first to last competitor.

Once the run finished, exit the timing mode to view the ranking of the second run.

Step 6: Edit the final ranking of the qualification event:

Click now on "Final ranking" to edit the list of results of the qualification event (best time of all the runs), and print it or export it.

The screenshot shows the SkiSnow Pro (version 1.0.02) interface for the event "Test SBX (qualif 1 run) - USSA". The left sidebar has the "Edit" section expanded, with "Final ranking" highlighted by a red circle. The main window displays "Run 2 / 2" with a summary of inquiries: List (45), Classified (45), Did Not Start (0), Did Not Finish (0), Disqualified (0), and Not Processed (0). Below this is a "Ranking" table with columns for Rank, Num, Competitor, and Time.

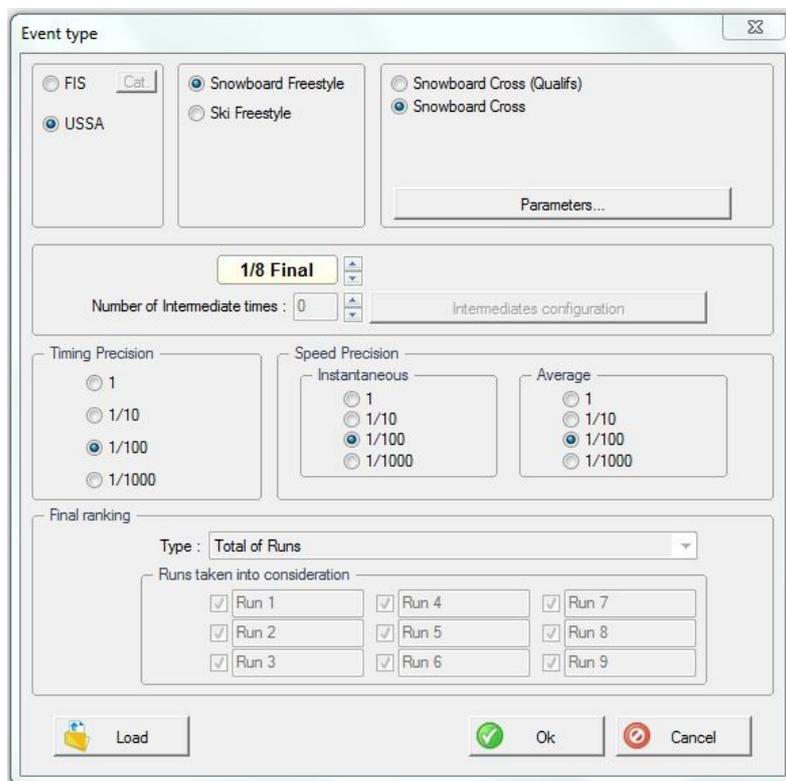
Rank	Num	Competitor	Time
1	38	HOLLAND Nate	1:08.48
2	39	DEIBOLD Alex	1:08.76
3	67	OBREGON Benton	1:09.06
4	36	MINGHINI Jarod	1:09.28
5	42	MAHANEY Chris	1:09.49
6	44	BAUMGARTNER Nick	1:09.68
7	37	TUTTLE Alex	1:09.85
8	47	POWERS Ross	1:10.01
9	34	MINGHINI Robert	1:10.16
10	48	CHEEVER Jonathan	1:10.32
11	49	MILLER Chelone	1:10.48
12	50	HARRIS James	1:10.62
13	43	WESCOTT Seth	1:10.77
14	40	PERLE Michael	1:10.93
15	55	PLACHTER Michael	1:11.07
16	33	JACOB Trevor	1:11.23
17	54	NYBERG Donald	1:11.38
18	52	JOHNSON Cole	1:11.54
19	61	MARTIN Frank	1:11.69
20	46	HALE Jayson	1:11.85
21	63	KAMISKY Paul	1:12.01
22	35	HOLLAND Pat	1:12.15
23	51	PETTENGILL Billy	1:12.30
24	53	SCHREIBER Cole	1:12.47
25	41	KEARNEY Hagen	1:12.61
26	58	COHEN Joshua	1:12.77
27	45	DIERDORFF Mick	1:12.93
28	56	ZAGNOTT Rollie	1:13.08

You can set up these results in order to show the time of each run, the best time, the gap from the best competitor, the FIS points...

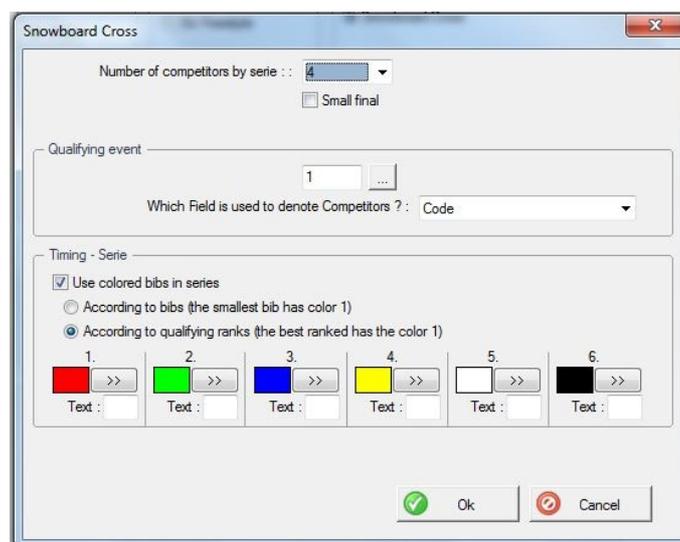
The qualification event is now completed.

Step 7: Create an event of type "Snowboard Freestyle" and discipline "Snowboard Cross" for the final rounds:

Example of an event starting from 1/8th of finals with 4 competitors by heat.
Choose "1/8 Final" with the arrows circled here below:



Then click on the button "Parameters" to display this window:



Choose the desired options, in particular:

- the number of competitors by heat,
- and the number of the event corresponding to the qualification event in <SkiSnow-Pro> (here in our example the qualification event is the event N°1).

You can then complete the "General Parameters", taking special care of the age category grid:

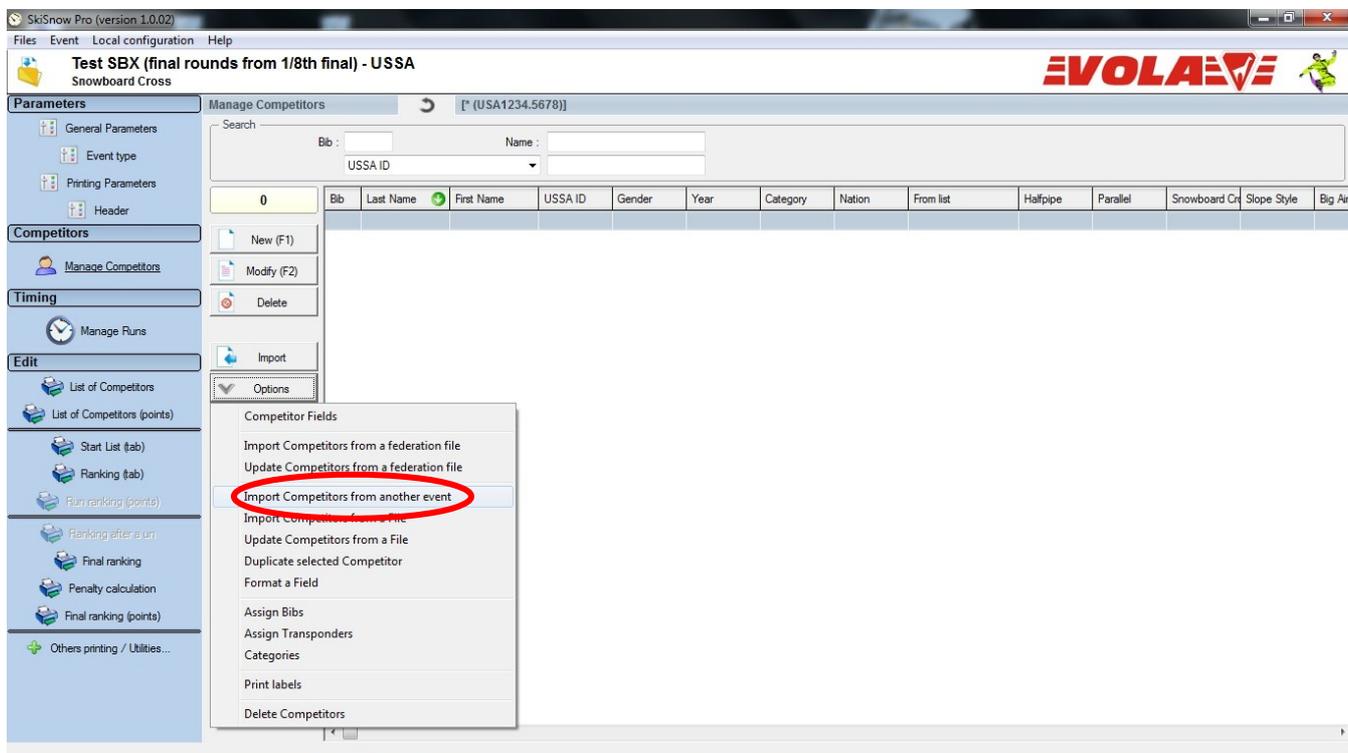
In particular, complete the codex (in our example, we keep here a simple event, so with only one event codex):

Active	Category	Codex	Final	Calculated penalty	Scale Used
✓		USA1234.5678	1/8 Final		

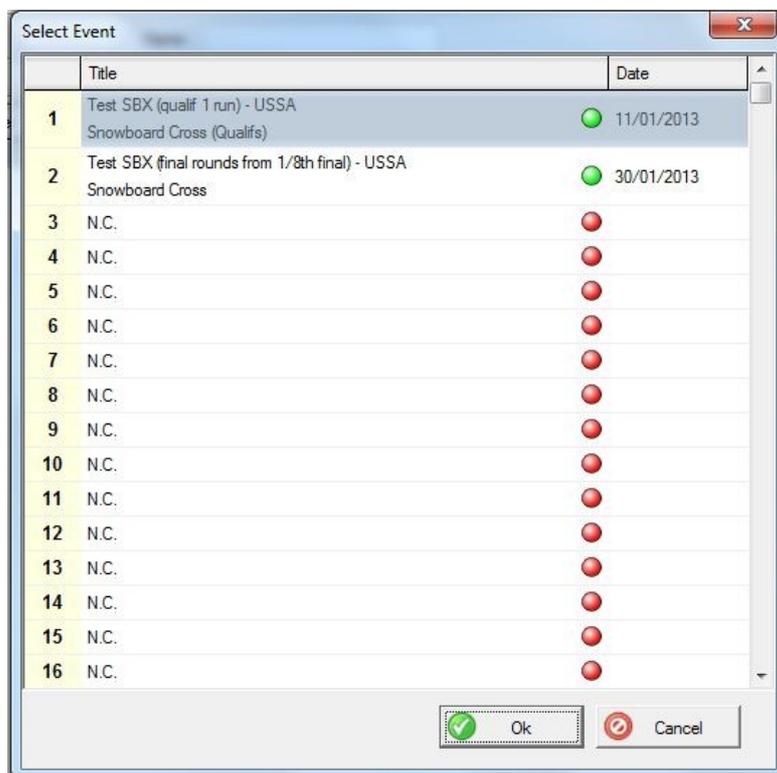
Step 8: Manage competitors:

Here we must import all the competitors of the qualification event.

To do this, click on "Manage competitors" then on the button "Options" and on "Import competitors from another event".



Select your qualification event:



Then click on "All" to import all the competitors of the qualification event:

List of Competitors from another Event

Search: Bib: [] Name: [] Last Name []

45

Filter

Register (F1)

All

Bit	Last Name	First Name	USSA ID	Gender	Year	Category	Nation	From list	Halfpipe	Parallel	Slc
33	JACOB	Trevor	6062988	Men	1993		USA	413	86.40	0.00	
34	MINGHINI	Robert	5278338	Men	1986		USA	413	0.00	0.10	
35	HOLLAND	Pat	5502919	Men	1982		USA	413	0.00	0.00	
36	MINGHINI	Jarod	5288592	Men	1988		USA	413	0.00	0.09	
37	TUTTLE	Alex	6015838	Men	1990		USA	413	0.00	0.00	
38	HOLLAND	Nate	5369772	Men	1978		USA	413	0.00	0.00	
39	DEIBOLD	Alex	5864178	Men	1986		USA	413	0.00	0.00	
40	PERLE	Michael	6167720	Men	1994		USA	413	18.00	0.00	
41	KEARNEY	Hagen	5819107	Men	1991		USA	413	0.10	0.00	
42	MAHANEY	Chris	5626692	Men	1989		USA	413	0.00	4.59	
43	WESCOTT	Seth	4999371	Men	1976		USA	413	0.00	0.00	
44	BAUMGARTNER	Nick	5906755	Men	1981		USA	413	0.00	0.00	
45	DIERDORFF	Mick	5414222	Men	1991		USA	413	0.01	0.00	
46	HALE	Jayson	5782933	Men	1985		USA	413	0.00	0.01	
47	POWERS	Ross	5108568	Men	1979		USA	413	0.00	0.00	
48	CHEEVER	Jonathan	5866140	Men	1985		USA	413	0.17	0.00	
49	MILLER	Chelone	5696745	Men	1983		USA	413	0.00	0.00	
50	HARRIS	James	5999701	Men	1988		USA	413	0.00	3.86	
51	PETTENCILLI	Bill	6265698	Men	1989		USA	413	0.00	1.60	

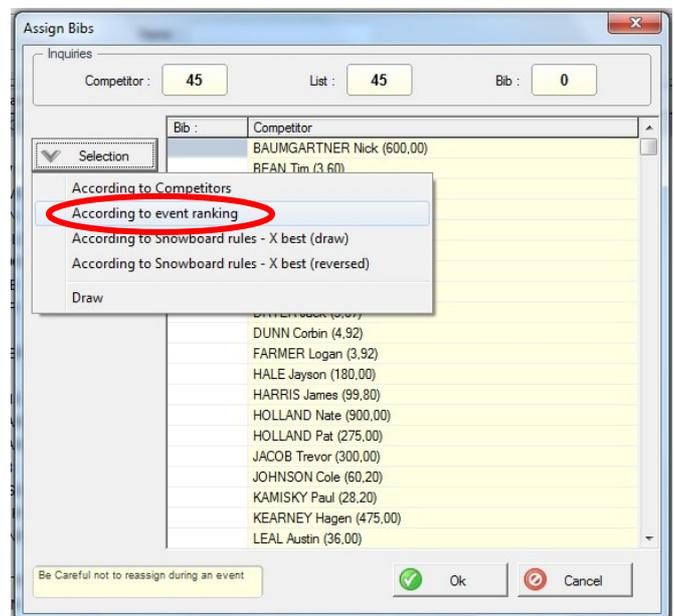
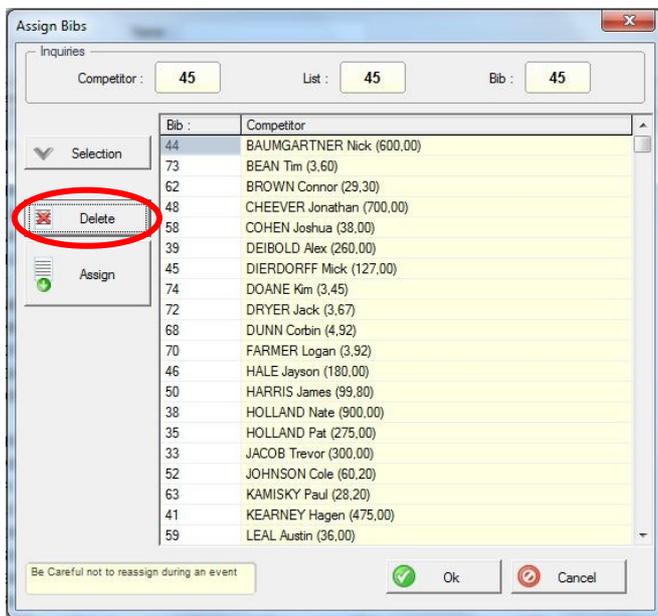
Step 9: Assign bibs 1 to X (32 or 16) for the X qualified competitors:

Step 9.1: Assign bibs to all competitors according to the qualification ranking:

In "Manage competitors", click on "Options" then on "Assign Bibs".

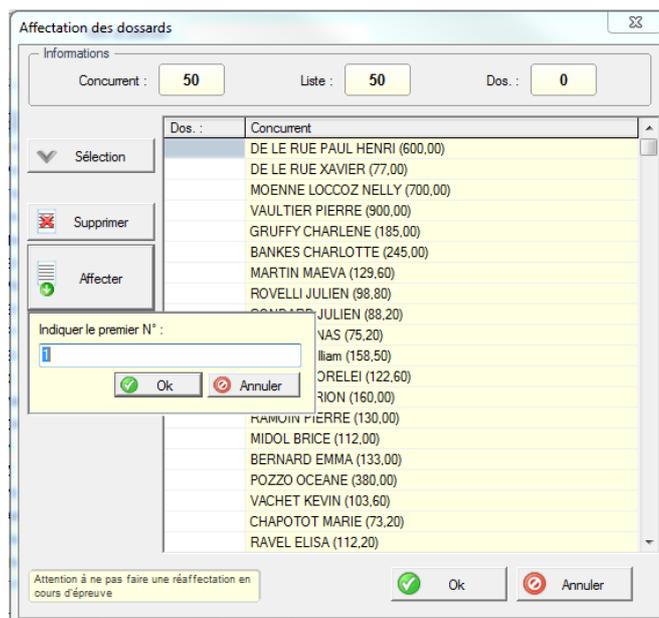
Delete the qualification bibs value by clicking on the button "Delete".

Click on the button "Selection" then choose "According to event ranking".



Select your qualification event, then keep the field "Code" (or federal ID code, for example USSA ID) to denote the competitors, then you can validate with "Ok" the empty filter list (or else filter for example the competitors according to their gender or their age category if the qualification event was mixing all these competitors).

Once the competitors ordered according to the qualification ranking, click on the button "Assign" and keep the number 1 as the first bib number:



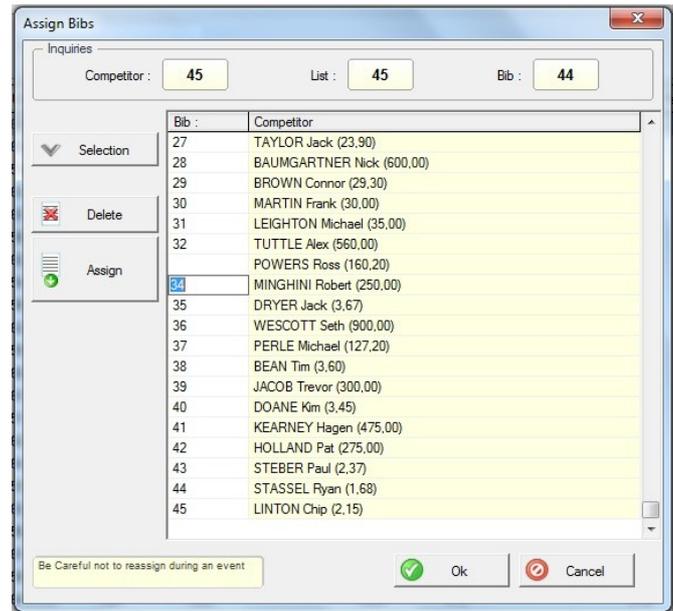
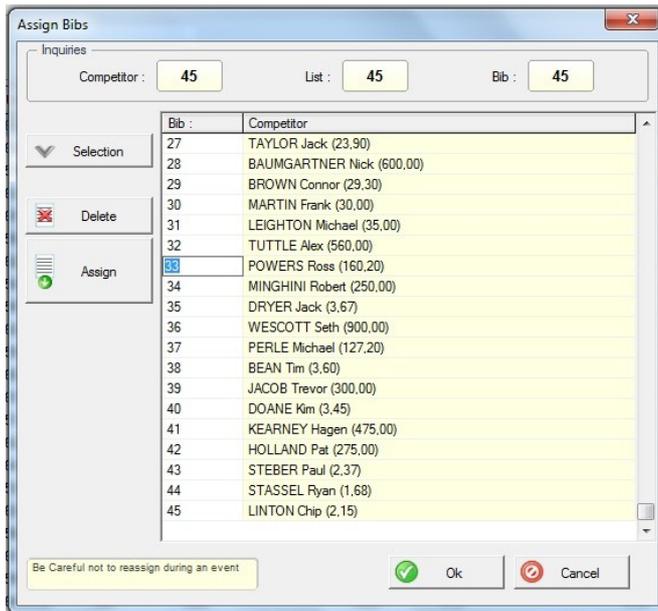
Step 9.2: Unassign bibs to non-qualified competitors (X+1 (33 or 17) to last bib):

Remain in the same window "Assign Bibs".

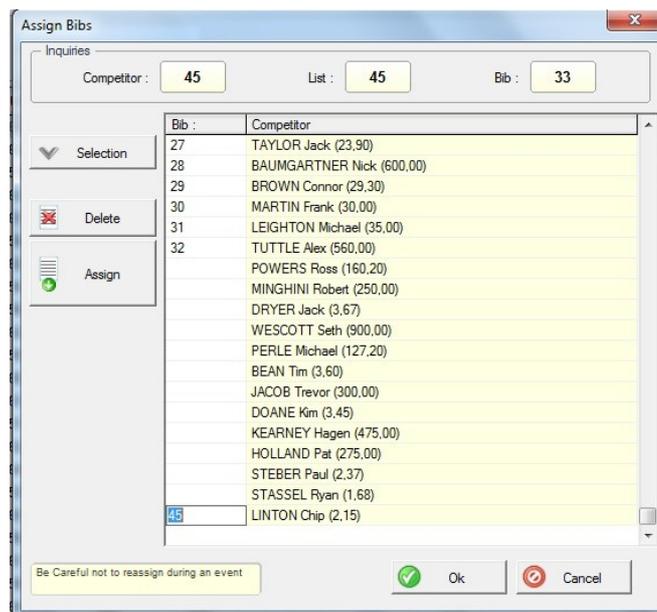
(If you have saved the first bib assignment by clicking on "Ok", you can sort again the competitors according to this first bib assignment by clicking on "Selection" and choosing "According to competitors" and keeping the "Bib" as the Sort Order.)

Double-click on the first non-qualified competitor bib number (33 or 17 ; for our example, we qualify 32 competitors for the final rounds, so we select the line of the competitor 33).

And press the "Del" key (or "Backspace" key) on your keyboard in order to unassign this bib. Then with the downward arrow select the following bib ("34" in our example) and delete it also.



And so on until the highest bib number ("45" in our example).



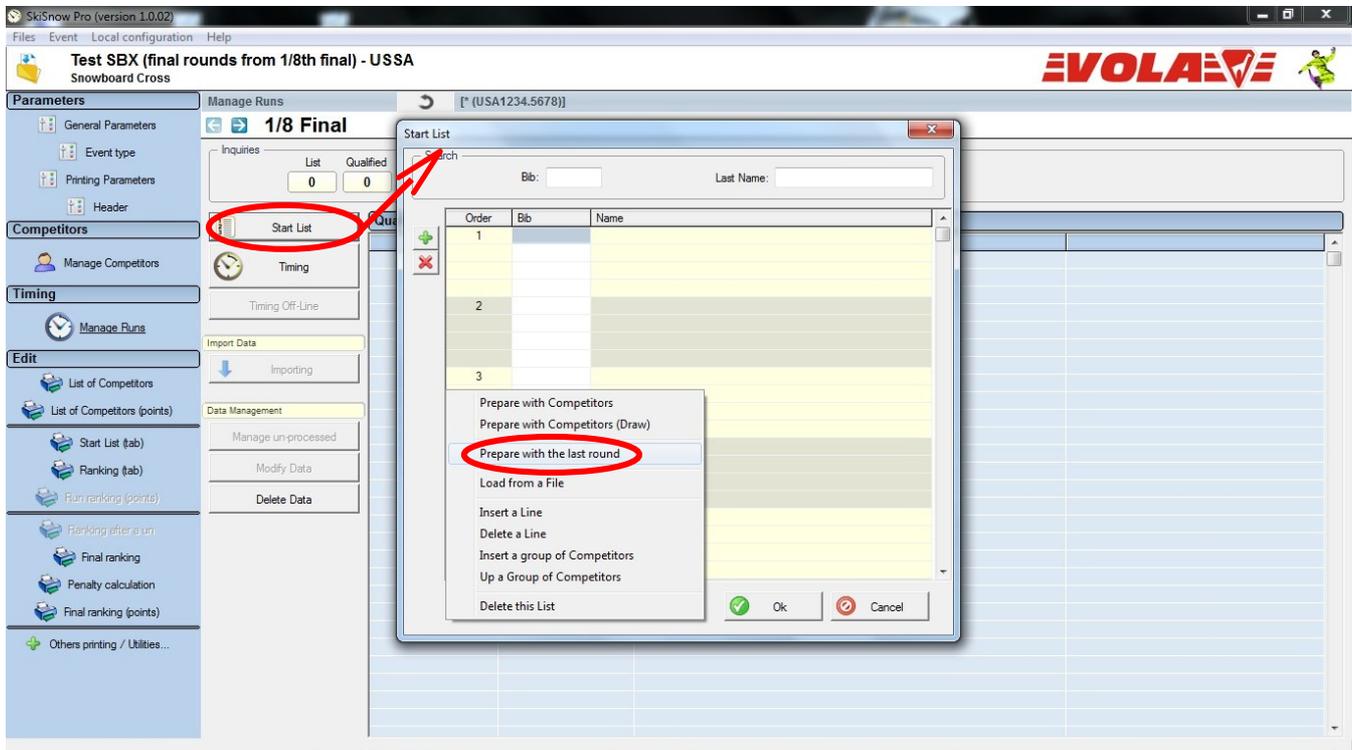
Delete this last bid and then validate this bib assignment by clicking on "Ok".

Step 10: Start List of the first round of finals: prepare with the last round (qualification):

Click now on "Manage Runs" then click on the button "Start List" which opens this window.

For this first round of finals, you must prepare the Start List with the qualification ranking according to the federal pairing rules.

Click on the button "Options" then on "Prepare with the last round".

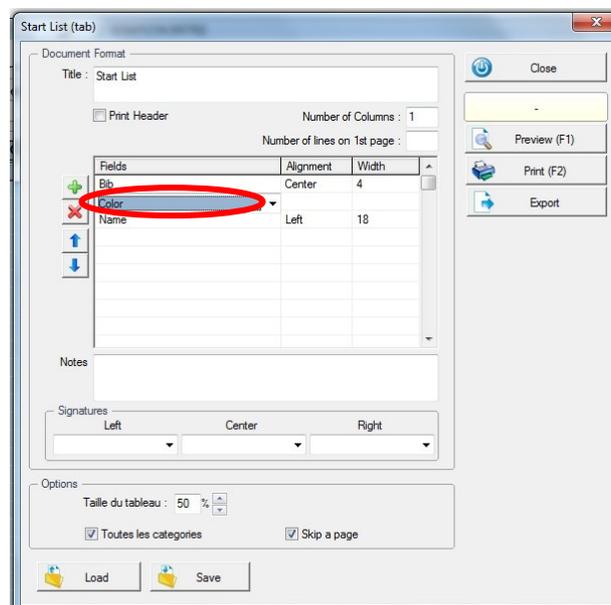


The following window will open. It is pre-filled according to the current FIS pairing rules.

Keep this order, click on "Ok" and then validate your Start List.

After the creation of this Start List, it is usually printed with the "tab" format so that it can be placarded publicly.

For that, click on "Start List (tab)" in the left column. Then, you can configure the start list columns as you want: information on competitors, bib colour, proceed a zoom, etc. You can see the result by clicking on "Preview" and then you can also print the list.



Our example first Start List:

Preview - Start List (tab)

1 / 2 Zoom Portrait Landscape Print PDF Close

Test SBX (final rounds from 1/8th final) - USSA

Snowboard Cross

Start List

1/8 Final	1/4 Final	1/2 Final	Final
* (USA1234.6678)			
Run 1 1 ROEMER Ryan 18 OREGON Benlo n 17 HOLLAND Nate 32 TUTTLE Alex	Run 9		
Run 2 8 DIERDORFF Niok 9 MILLER Chelone 24 COHEN Jo shu s 26 MINGHINI Ja rod		Run 13	
Run 3 6 FLACHER Michael 12 SCHREIBER Cole 21 DEIBOLD Alex 28 BAUMGARTNER Niok	Run 10		
Run 4 4 LULAVY Zachary 13 DUNN Corbin 20 FARMER Logan 29 BROWN Connor			Final
Run 5 3 WILSON Hunter 14 NYBERG Donald 19 MAHANEY Chris 30 MARTIN Frank	Run 11		
Run 6 8 CHEEVER Jonathan 11 HARRIS James 22 ST DENIS Matt 27 TAYLOR Jack		Run 14	
Run 7 7 KAMISKY Paul 10 PETTINGILL Billy 23 MCCARTHY Freddy 25 HALE Jayson	Run 12		
Run 8 2 LEAL Austin 15 JOHNSON Cole 16 ZAGNOLI Rolly 31 LEIGHTON Michael			

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 Vols Timing (www.vols.fr) / SkiSnow Pro 1.0.02

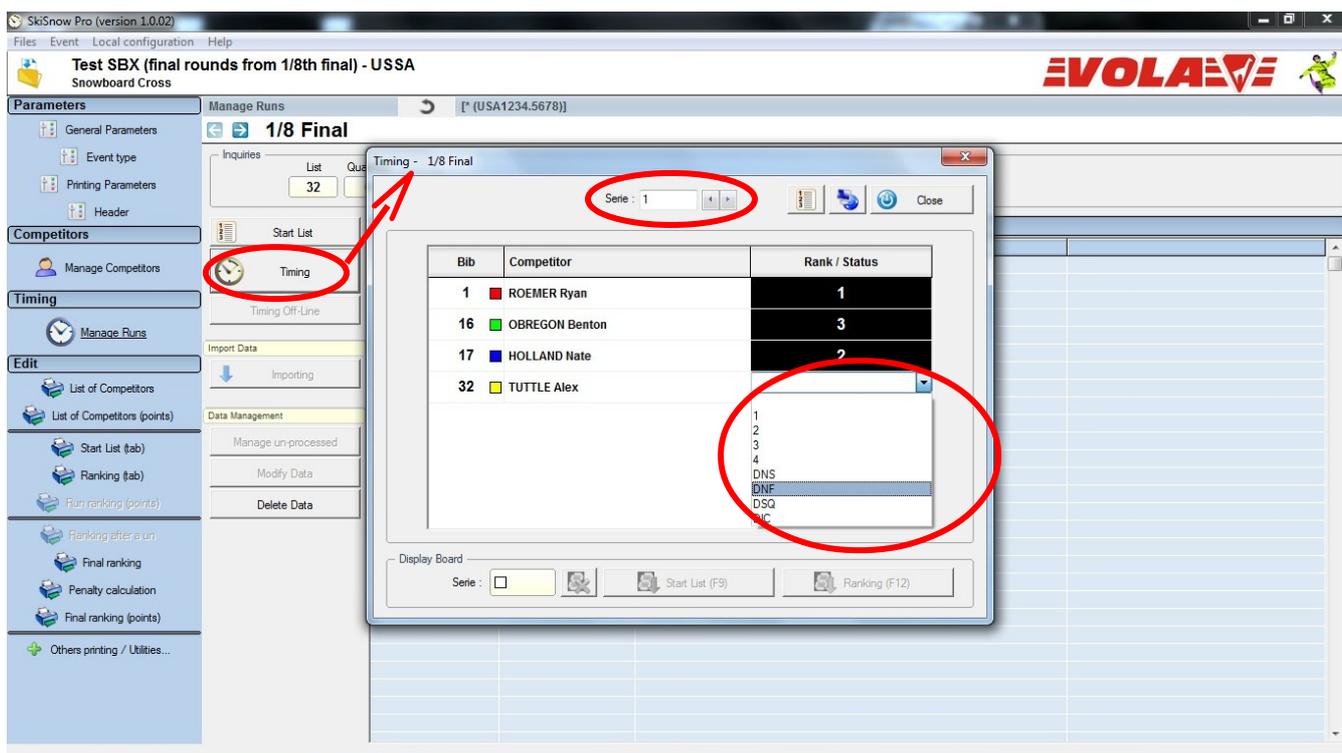
Step 11: Record the results of the first round of finals:

Open the timing window by clicking on the button "Timing".

Select the current racing heat with the arrows.

Then complete gradually the column "Rank / Status" along to competitors arrivals and according to the jury decisions.

Tie between competitors must be broken by the jury (art. 2705.2.3 of the ICR for Snowboard: tie broken with the photo finish system, then according to the qualification ranking, then to the total time of qualification runs, and then to the bib number).



After each heat, click simply on the arrows to find the next heat.

Once the results of all the heats are recorded, click on the button "Close" to exit the timing window.

Step 12: Visualise and edit the ranking of the first round of finals:

The ranking of the round is displayed in the main window.

The screenshot shows the SkiSnow Pro (version 1.0.02) interface. The main window displays the '1/8 Final' results for the 'Test SBX (final rounds from 1/8th final) - USSA' event. The 'Qualified' table lists the following data:

Num	Competitor
1	ROEMER Ryan
17	HOLLAND Nate
24	COHEN Joshua
25	MINGHINI Jarod
12	SCHREIBER Cole
21	DEIBOLD Alex
4	LULAVY Zachary
20	FARMER Logan
3	WILSON Hunter
14	NYBERG Donald
6	CHEEVER Jonathan
22	ST DENIS Matt
7	KAMISKY Paul
23	MCCARTHY Freddy
2	LEAL Austin
15	JOHNSON Cole

In the left sidebar, the 'Ranking (tab)' option is highlighted with a red circle.

And you can set up and edit it by clicking on the link "Ranking (tab)".

You can define the information you want to display such as "Qualification time", "Name", "Year of birth", "Nation", "FIS points", "Club", ... Then, click on "Preview" to view it, and then "Print" or "Export" according to your needs.



Step 14: Record the results of all rounds of finals:

The rounds of finals can all be timed with the same process: see Step 11.

Step 15: Visualise and edit the ranking of a round of finals:

The same way as for the first round (Step 12), the round ranking is displayed in the main window and you can set up and edit it by clicking on "Ranking (tab)".

Step 16: Visualise and edit the final ranking:

Once the rounds of finals are all raced and recorded in the application, you can visualise the final ranking with the tab format by clicking on "Ranking (tab)" or with the final format with all the competitors (including non-qualified) by clicking on "Final ranking":

Rank	Bib	USA ID	Name	Year	Nation	Result	Quality
* (USA12245479)							
Final							
1	22	614397	ST DENIS MIT	1993	USA	1	1:06.79
2	1	608119	ROEMER Rob	1995	USA	2	1:04.77
3	3	619651	VILLON HENRI	1993	USA	3	1:06.00
4	20	611007	FARMER Logan R	1996	USA	4	1:05.73
1/2 Final							
5	4	612873	LULLAVY Zhe NFI	1996	USA	3	1:06.37
6	23	616373	MCCLATHRY Pivott	1993	USA	3	1:09.01
7	15	614775	JOHNSON Cole	1993	USA	4	1:06.12
8	25	618192	MINGHIE Jarod	1995	USA	4	1:09.25
1/4 Final							
9	2	620737	LEAL Justin	1993	USA	3	1:06.33
10	6	618610	CHRYSLER Jonathan	1995	USA	3	1:07.17
11	21	616475	DEBOLD Alex	1998	USA	3	1:06.76
12	24	614124	COHEN Joshua	1995	USA	3	1:09.22
13	12	610245	SCHNEIDER Cole	1992	USA	4	1:07.96
14	17	610877	HOLLAND Nels	1978	USA	4	1:05.45
15	7	612125	KUMARAY Paul	1991	USA	DNF	1:07.36
16	14	613662	NYBERG Donald	1964	USA	DNF	1:05.11
1/8 Final							
17	5	618445	PILCHER Michael	1994	USA	3	1:06.84
18	9	619674	BALLER Chayne	1993	USA	3	1:07.57
19	10	616694	PETTERGOLBY	1993	USA	3	1:07.92
20	11	619871	HARRIS James	1988	USA	3	1:07.95
21	13	618125	DARIN Connor	1994	USA	3	1:08.10
22	16	614076	OREGON Benton	1995	USA	3	1:05.15
23	30	618079	MARTIN Fran	1977	USA	3	1:09.79
24	31	613779	LEIGHTON Michael	1957	USA	3	1:05.82
25	5	614222	DENDONIFF Mike	1991	USA	4	1:07.40
26	18	614207	ZIMONJI Robin	1996	USA	4	1:09.46
27	26	617823	HALE Byron	1985	USA	4	1:09.37
28	28	619078	BAUMANNERSTOCK	1981	USA	4	1:09.60
29	29	619418	GRONVOR Connor	1994	USA	DNF	1:09.77
30	32	611938	TUTTLE Jay	1990	USA	DNF	1:09.85
31	19	618925	MURPHY Cole	1999	USA	DNF	1:08.64
32	27	618091	TAYLOR Jack	1995	USA	DNF	1:09.82
Qualifying							
33	1	610565	POWERS Ross	1979	USA	1:10.01	
34	617125	MINGHIE Robert	1990	USA	1:10.16		
35	614782	DEYER Jack	1995	USA	1:10.36		
36	499971	VESCOTT Seth	1976	USA	1:10.65		

Rank	Bib	USA ID	Name	Year	Nation	Result	Quality
37	618720	PERLE Michael	1994	USA			1:10.93
38	640200	DEAN Tim	1972	USA			1:11.05
39	610698	JACOB Trevor	1993	USA			1:11.20
40	608549	DOANE Ken	1995	USA			1:11.77
41	619197	NEARNEY Hagen	1991	USA			1:12.13
42	610278	HOLLANDRIST	1992	USA			1:12.15
43	613945	STEEBER Paul	1994	USA			1:12.88
44	610281	STAVEL Nathan	1992	USA			1:13.27
45	613614	LINTON Chad	1994	USA			1:13.36

Step 17: Calculate the penalty:

Click on "Penalty calculation". And enter the Scale corresponding to your race:

The detail of this calculation can be edited and exported or printed:

Penalty calculation

Men

Calculated penalty :

Scale Used : 1000, 500, 450, 400...

Women

Calculated penalty :

Scale Used : 1000, 500, 450, 400...

Test SBX (final rounds from 1/8th final) - U S S A

Snowboard Cross

Penalty calculation

Bib	U S S A ID	Name	Year	Nation	Points
Best 5 at start					
17	5359772	HOLLAND Nate	1978	USA	900,00
	4999371	WESCOTT Seth	1976	USA	900,00
6	5859140	CHEEVER Jonathan	1985	USA	700,00
23	5806755	BAUMGARTNER Nick	1981	USA	600,00
32	6015538	TUTTLE Alex	1990	USA	580,00
Calculated penalty					732
Scale Used					500
Technical Delegate					

Step 18: Visualise and edit the final ranking with the calculated points:

Once the penalty calculated, you can edit the ranking with the points by clicking on "Final ranking (points)".

Test SBX (final rounds from 1/8th final) - U S S A

Snowboard Cross

Unofficial ranking

Rank	Bib	U S S A ID	Name	Year	Nation	Result	Qualifying	Points
* (USA1234.5678)								
Final								
1	22	6434397	ST DENIS Matt	1993	USA	1	1:08.79	
2	1	6061129	ROEMER Ryan	1995	USA	2	1:04.77	
3	3	6694021	VILSON Humbert	1993	USA	3	1:06.20	
4	20	6112007	FLARMER Logan	1996	USA	4	1:08.73	
1/2 Final								
5	4	6358373	LUALUY Zachary	1996	USA	3	1:06.37	
6	23	6362676	MCCARTHY Freddy	1993	USA	3	1:09.01	
7	15	6247732	JOHNSON Cole	1993	USA	4	1:08.12	
8	25	6288592	MINGHIN Jared	1988	USA	4	1:09.28	
1/4 Final								
9	2	6224737	LEAL Austin	1993	USA	3	1:05.33	
10	6	6669140	CHEEVER Jonathan	1985	USA	3	1:07.17	
11	21	6664173	DEIBOLD Alex	1986	USA	3	1:08.76	
12	24	6640424	COHEN Joshua	1995	USA	3	1:09.20	
13	12	6023402	SCHREIBER Cole	1992	USA	4	1:07.95	
14	17	5359772	HOLLAND Nate	1978	USA	4	1:08.45	
15	7	6221233	KAMISKY Paul	1991	USA	DNF	1:07.36	
16	14	6139662	NYBERG Donald	1964	USA	DNF	1:08.11	
1/8 Final								
17	5	6158448	PLACHTER Michael	1994	USA	3	1:06.84	
18	9	6697145	MILLER Chelsea	1983	USA	3	1:07.57	
19	10	6268696	PETTENGILL Bin	1989	USA	3	1:07.92	
20	11	6699701	HARRIS James	1985	USA	3	1:07.95	
21	13	6183123	DUNN Corbin	1994	USA	3	1:08.10	
22	16	6410806	OBREGON Barton	1995	USA	3	1:08.15	
23	30	6687999	MARTIN Frank	1977	USA	3	1:09.79	
24	31	6238799	LEIGHTON Michael	1987	USA	3	1:09.82	
25	8	6414222	DIERDORFF Mick	1991	USA	4	1:07.40	
26	18	6342207	ZACHOU Rolie	1996	USA	4	1:08.46	
27	26	6762923	HALL Jayson	1986	USA	4	1:09.37	
28	28	6607545	BAUMGARTNER Nick	1981	USA	4	1:09.68	
29	29	6384169	BROWN Connor	1994	USA	DNF	1:09.77	
30	32	6015538	TUTTLE Alex	1990	USA	DNF	1:09.85	
31	19	6628692	MAHANEY Chris	1989	USA	DNF	1:08.64	
32	27	6160691	TAYLOR Jack	1995	USA	DNF	1:09.62	
Qualifying								
33		6108668	POWERS Ross	1979	USA		1:10.01	
34		6278338	MINGHIN Robert	1986	USA		1:10.16	
35		6340750	DRYER Jack	1995	USA		1:10.35	
36		4999371	WESCOTT Seth	1976	USA		1:10.68	

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Test SBX (final rounds from 1/8th final) - U S S A

Snowboard Cross

Unofficial ranking

Rank	Bib	U S S A ID	Name	Year	Nation	Result	Qualifying	Points
37		6167720	PERLE Michael	1994	USA			1:10.93
38		6400280	BEAN Tim	1972	USA			1:11.05
39		6082888	JACOB Trevor	1993	USA			1:11.23
40		6088849	DOANE Kim	1995	USA			1:11.77
41		6619107	KEARNEY Hagen	1991	USA			1:12.13
42		6602919	HOLLAND Pat	1982	USA			1:12.15
43		6224646	STEBER Paul	1994	USA			1:12.88
44		6192551	STASSEL Ryan	1992	USA			1:13.27
45		6336216	LINTON Chris	1994	USA			1:13.56

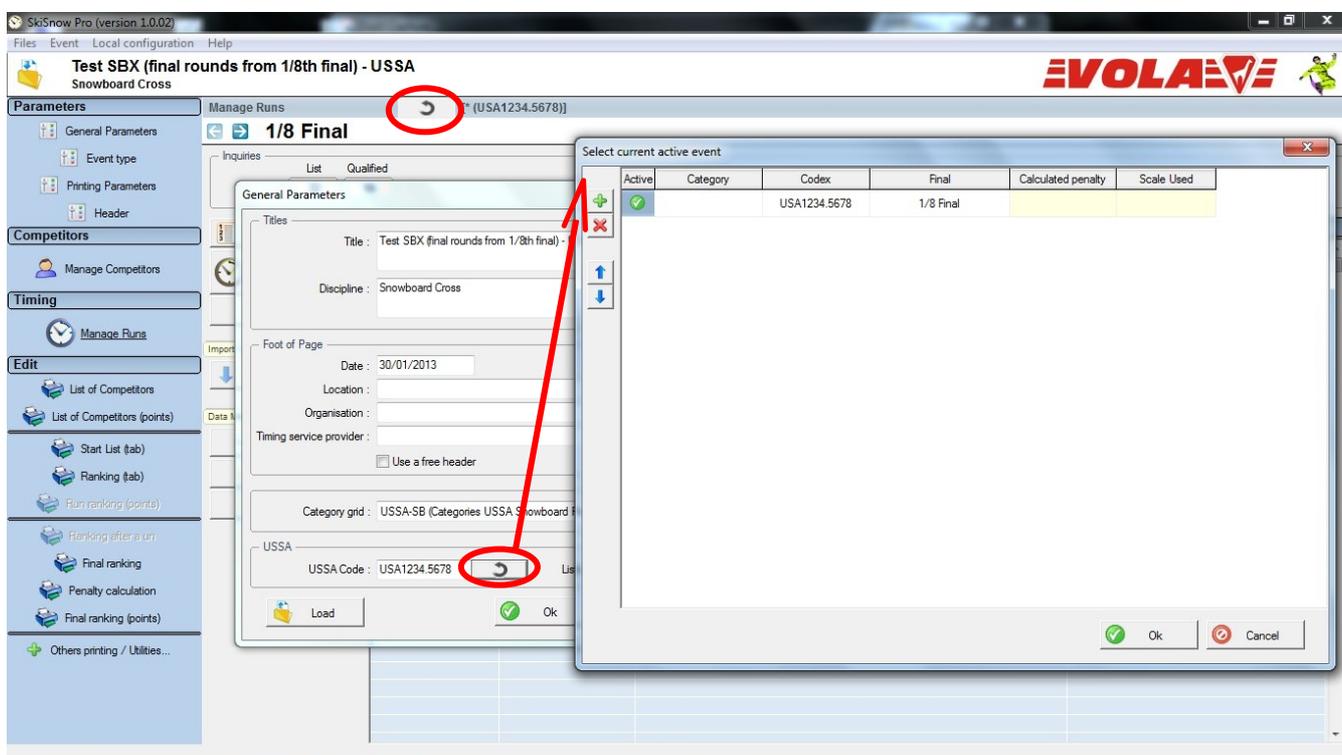
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Appendix A: Timing easily several events of Snowboard Cross finals with alternating the rounds of one event and the other (for example: 1st heat of 1/4th of finals junior, then 1st heat of 1/2 finals senior, then 2nd heat of 1/4th of finals junior, etc.):

The point is to record alternately the results of several finals in the same event file. <SkiSnow-Pro> enables to easily switch heats of one or the other thanks to the window "Select current active event". You can access to this window by clicking on a dedicated button marked with the

following symbol: 

This button is available in the "Manage Runs" window and in the window "General Parameters":



Step A.1: Create a qualification event with all the competitors of all the age categories:

You must at first stage to time all the competitors in the same qualification event.

We will take here the example of a qualification event with only one run and with:

- 11 competitors of category Junior in order to qualify 8 of them for 1/2-finals with 4 competitors by heat:

assign them bibs from 9 to 19 with a draw of the 5 bests: this leaves bibs 1 to 8 free for the rounds of finals.

For that, in the "Assign Bibs" window click on the button "Selection" and "According to Snowboard rules - X best (draw)" and then: specify a filter according to this category:

The screenshot shows the 'Manage Competitors' window with a list of competitors. Overlaid on this is the 'Assign Bibs' window, which has a 'Filter' dialog box open. The filter is set to 'Jun' (Junior). The 'Assign Bibs' window also shows a list of competitors with bib numbers 9 through 19 assigned to Juniors and 117 through 137 assigned to Seniors.

- and 21 competitors Senior in order to qualify 16 of them for 1/4th of finals with 4 competitors by heat: assign them bibs 117 to 137 with a draw of the 16 bests: this leaves bibs 101 to 116 free for the rounds of finals.

You will obtain this bib assignment: range 9-19 for Junior, range 117-137 for Senior:

Test SBX (qualifying 8 Juniors and 16 Seniors) - FIS Snowboard Cross (Qualifs)

Bib	Category	Last Name	First Name	Code	Gender	Year	Nation	Club	From list	Parallel	Snowboard Cn
9	Jun	JUD	Florian	9050176	Men	1993	AUT		513	0,00	330,00
10	Jun	EGUIBAR	Lucas	9490143	Men	1994	SPA	PROMOSPORT dsc	513	2,39	380,00
11	Jun	HAEMMERLE	Alessandro	9050115	Men	1993	AUT	SC Gaschum	513	0,01	380,00
12	Jun	JACOB	Trevor	9530405	Men	1993	USA		513	0,00	300,00
13	Jun	FISCHER	Andy	9040137	Men	1994	AUS		513	0,20	300,00
14	Jun	HUGHES	Janyd	9040149	Men	1995	AUS		513	13,25	294,00
15	Jun	RAMOIN	Pierre	1194982	Men	1993	FRA	Back to Back	513	48,60	245,00
16	Jun	MIHIC	Matja	9560109	Men	1993	SLO	SD NIC LAZJEGA	513	0,10	190,00
17	Jun	MORRISY	Daniel	9040115	Men	1993	AUS		513	0,01	190,00
18	Jun	NOERL	Martin	9200088	Men	1993	GER	DJK-SV Adlkofen	513	0,00	181,25
19	Jun	TAKA	Jussi	9180079	Men	1993	FIN	Moo	513	0,00	173,00
117	Sen	VISINTIN	Omar	9290066	Men	1989	ITA		513	0,60	750,00
118	Sen	VAULTIER	Pierre	7530230	Men	1987	FRA	EMHM - Ecrins Snowboard	513	0,00	999,99
119	Sen	SCHAIRER	Markus	7050145	Men	1987	AUT	WSV St. Gallenkirch	513	30,24	800,00
120	Sen	RAMOIN	Tony	7530521	Men	1988	FRA	Back to Back	513	0,09	550,00
121	Sen	CHEEVER	Jonathan	7537023	Men	1985	USA		513	0,00	700,00
122	Sen	MARIN TARROCI	Luis	9020005	Men	1988	AND	Ordino Arcalis.ECOA.	513	0,00	525,00
123	Sen	PULLIN	Alex	1044987	Men	1987	AUS		513	0,00	650,00
124	Sen	ROBERTSON	Mike	1711080	Men	1985	CAN		513	6,60	625,00
125	Sen	OLYUNIN	Nikolay	9480290	Men	1991	RUS		513	0,00	650,00
126	Sen	TUTTLE	Alex	9530397	Men	1990	USA	Carrabassett Valley Academy P	513	0,00	560,00
127	Sen	BOLDYKOV	Andrey	1638912	Men	1983	RUS		513	0,05	900,00
128	Sen	SCHAD	Konstantin	7200001	Men	1987	GER	SC Miesbach	513	0,00	750,00
129	Sen	KEARNEY	Hagen	9530359	Men	1991	USA	International Snowboard Traini	513	0,00	475,00
130	Sen	PERATHONER	Emmanuel	7538572	Men	1986	ITA	Snowboard Gherleina	513	0,00	500,00

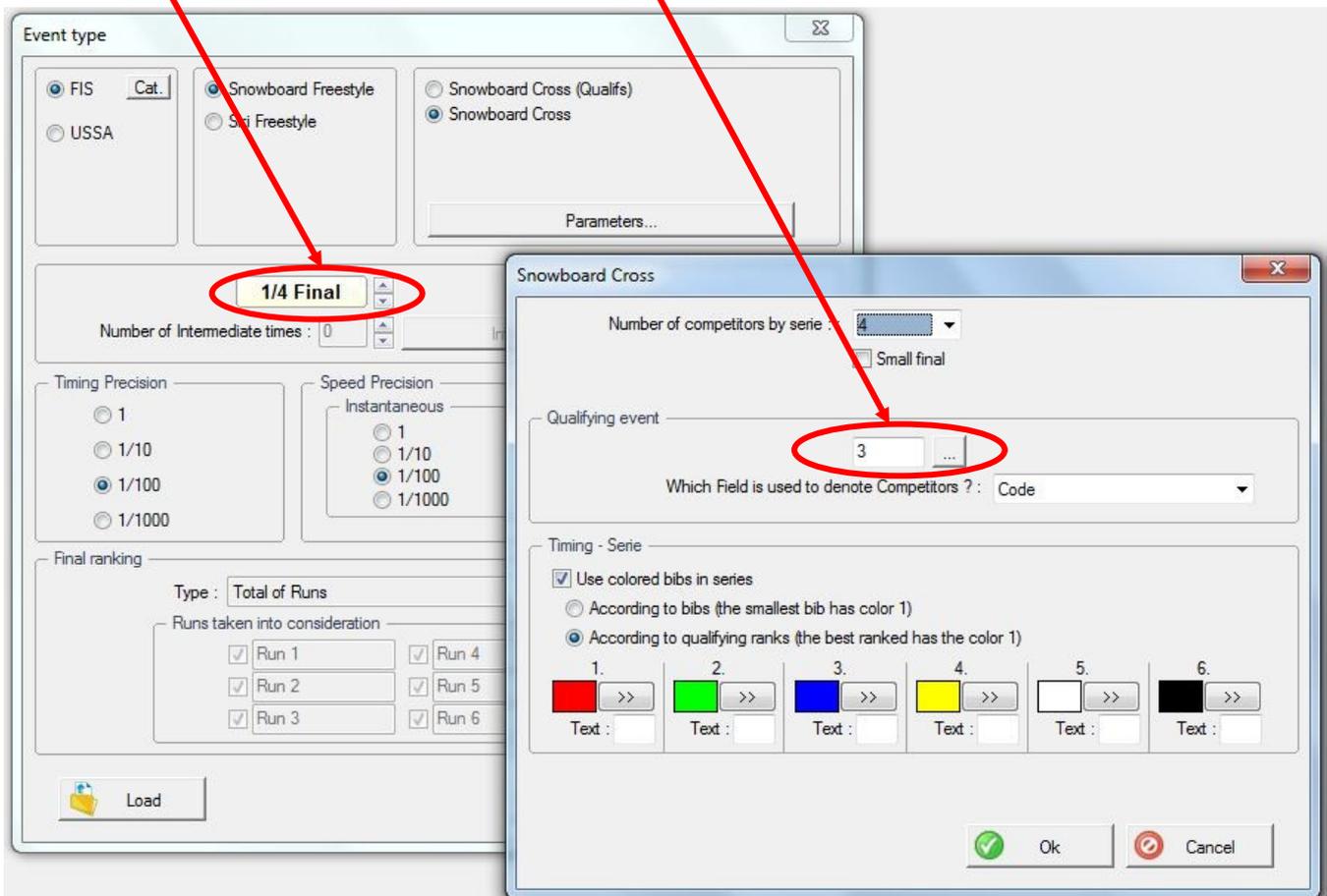
Step A.2: Create an event of finals with all the competitors of all the categories:

Create now an event of Snowboard Cross finals.

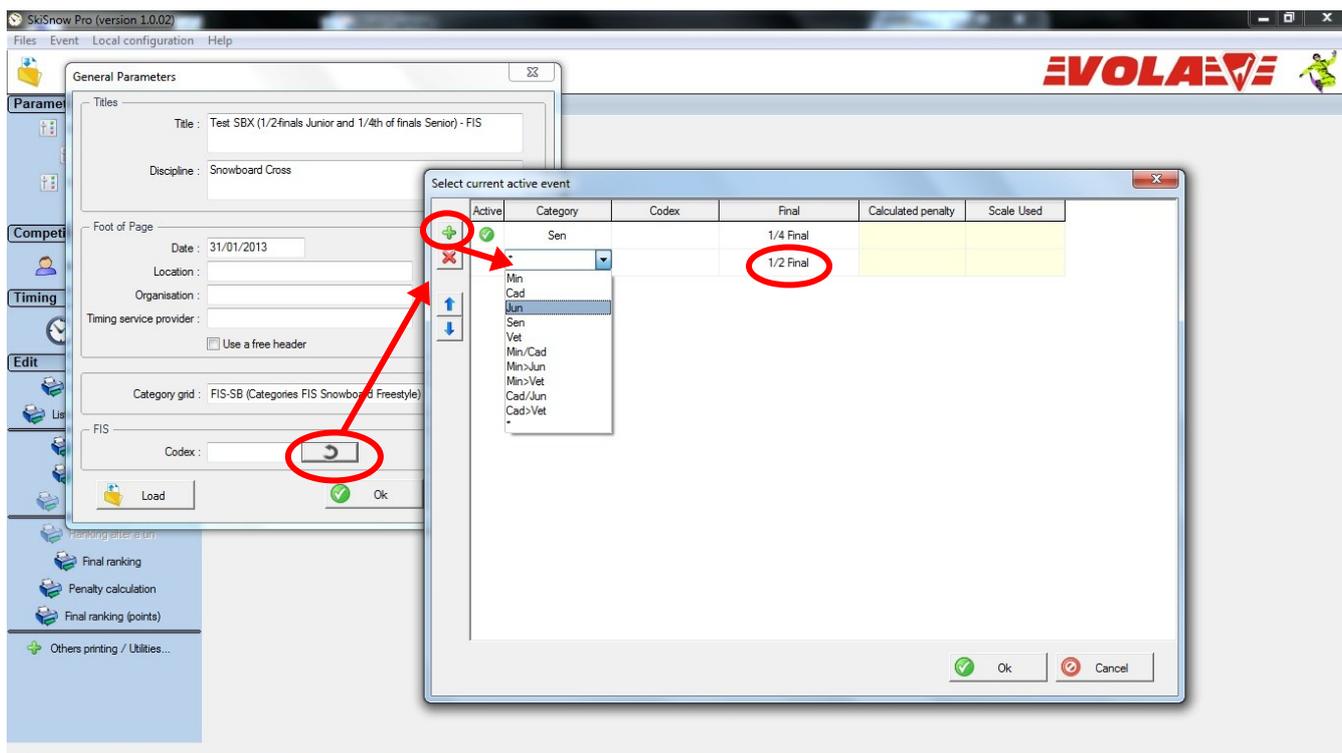
Complete the event parameters and in particular:

Enter the event identification number of the qualification event.

Specify here the round of finals of the highest level among the considered finals (here it will be 1/4th of finals: because we plan to record 1/4th of finals Senior and 1/2-finals Junior).



Complete the general parameters too (after having checked the age categories: here for our example FIS-SB), and complete especially the window "Select current active event":



In this window, set up on the first line the Senior event which start at the level of 1/4th of finals. Then add a line by clicking on the button marked with a the symbol "+" in order to enter the Junior event which start at the level of 1/2-finals.

Like any event of Snowboard Cross finals, import now all the competitors from the qualification event.

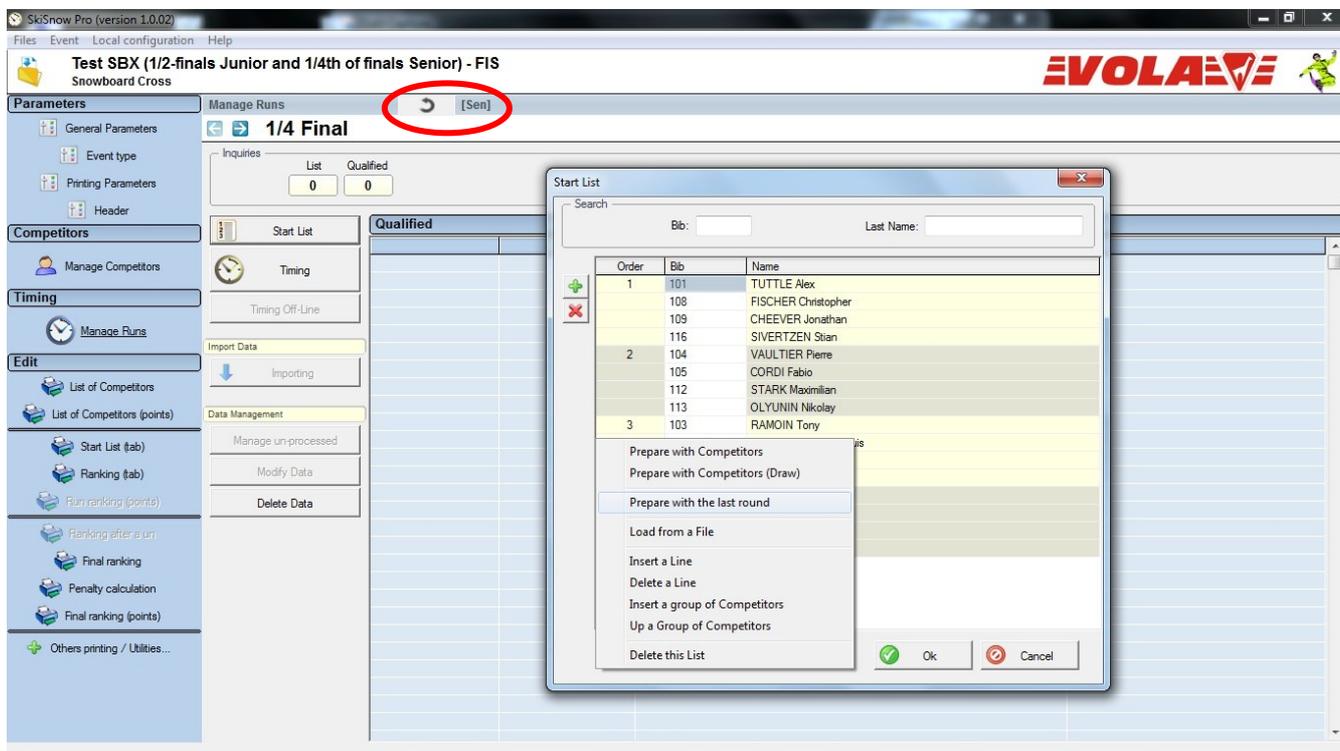
In our example, we re-assign bibs so that qualified Junior have bib between 1 and 8 and qualified Senior will have bibs between 101 and 116.

And non-qualified competitors have no bib number in this event according to FIS ranking presentation agreement.

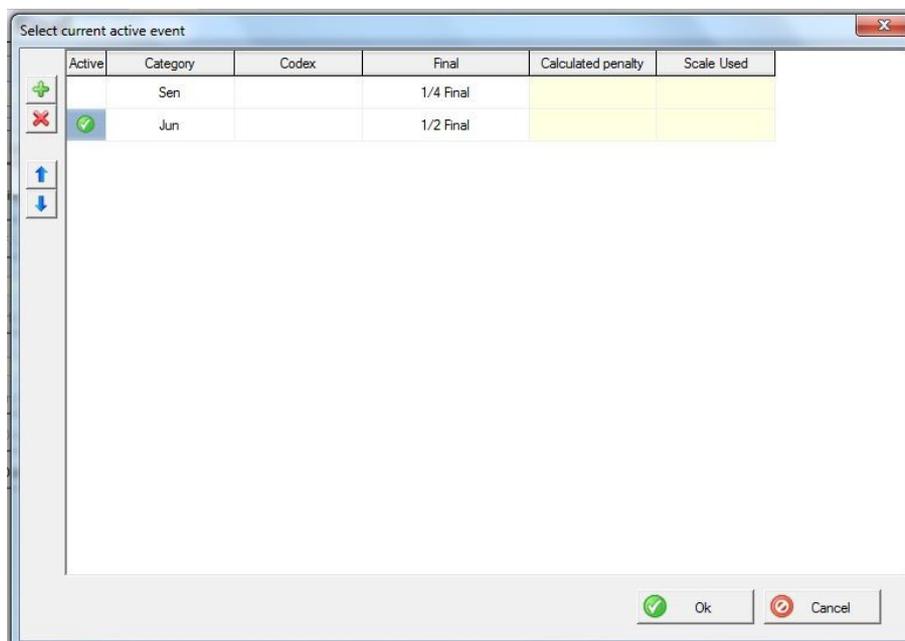
Step A.3: Record the finals results for each category:

By clicking on "Manage Runs", you can now create the Start List and record results for one category or the other.

To change category, you just have to click on the button circled here below:



Then in the window "Select current active event" double-click in the first column on the line corresponding to the category that you want to time:



For each category, you can then perform all the operations of a classical event of finals:

- creation and edition of the Start List of the first round of finals by clicking on the button "Start List", choosing "Prepare with the last round", selecting the qualification event, and editing with "Start List (tab)",

- record of the results by clicking on "Timing",
- modifying data,
- editing rankings and Start Lists for the following rounds,
- calculating the penalty,
- final ranking with points,
- XML export and sending to the corresponding federation.