Richard Gussmann

Calculating 2013

User Manual

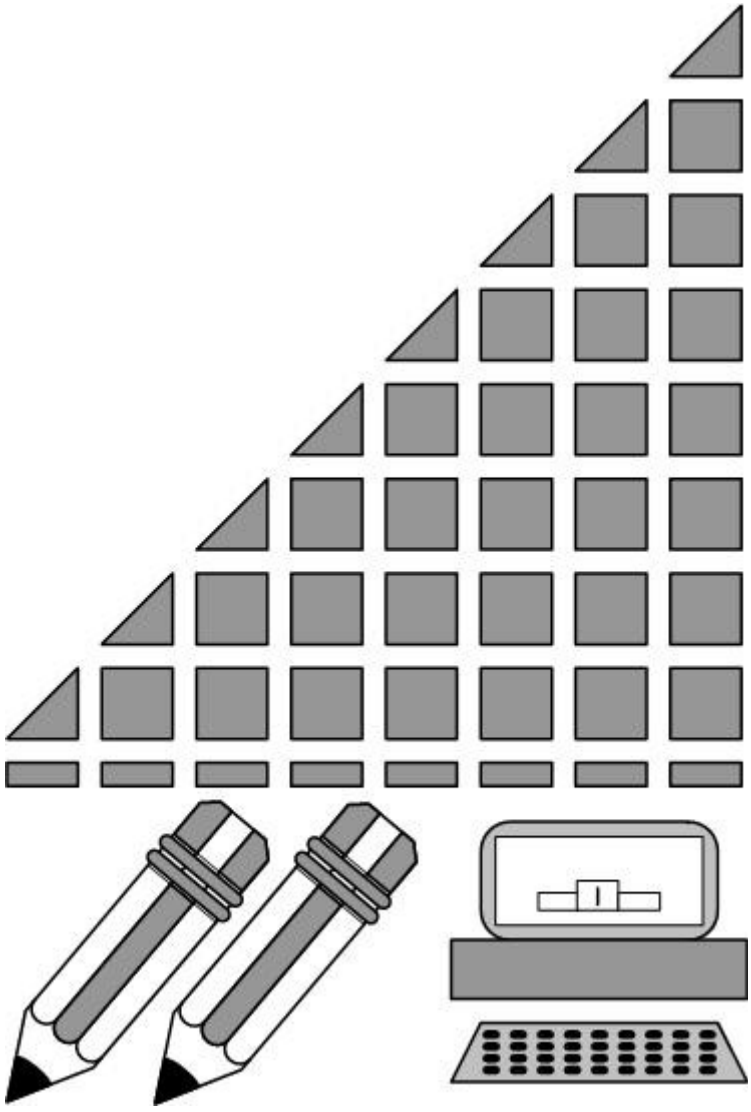


Table of Contents

1 Installation....4
1.1 Minimum Requirements for the Computer....4
1.2 National adaptation....4
1.3 Installation....4
1.3.1 Installation of the Programme and additional files....4
1.4 Starting the CALCULATING Program....5
1.5 Competition Database and Default Location....6
2 Quick Start....7
3 Running "Calculating"....8
3.1 The Main Window....8
3.2 The Main Window....9
3.2.1 Structure of the Menu....9
3.2.2 Administration Option....10
3.2.3 Mark Input Option....10
3.2.4 Reports Option....10
4 Detailed Descriptions of the Menu Functions....11
4.1 Competition Administration....12
4.1.1 Competition Details Option....12
4.1.2 Add/Change Competitor Option....13
General Usage....13
Importing the Skaters from Spread Sheet Documents....14
4.1.3 Competition Components Option....16
4.1.4 Dance Competition Components Option....17
4.1.5 Compulsory Figures Option....19
4.1.6 Compulsory Dance Option....20
4.1.7 Skating Order Compulsory Option....21
4.1.8 Skating Order Short Programme Option....22
4.1.9 Skating Order Long Programme Option....22
4.1.10 Add/Change Jury Option....23
Taking Over the Panel From a Different Competition....24
4.2 Mark Input....25
4.2.1 Common to all Mark Input Options....25
4.2.2 Mark Input Compulsory Option....26
4.2.3 Mark Input Short Programme Option....26
4.2.4 Mark Input Long Programme Option....26
4.3 Reports....27
4.4 Judges Forms....28
5 Numbers for Compulsory Elements....29
5.1 Compulsory Figures....29
5.2 Compulsory Dances....29
5.3 Original Dance/Free Dance....29
6 Program Configuration Files....30
7 Tie Breaking Criteria on the Result Lists....31
8 List of IOC Country Abbreviations....32
9 Skate Australia Remote Scoring....34

Forward

This edition of the user manual is for version 9.4 of the program.

Richard Gussmann December, 24h 2011

1 Installation

1.1 Minimum Requirements for the Computer

The following requirements must be meet to work with the programme:

1. Windows XP/Windows Vista/Windows 7
2. 512 Mbytes of Memory
3. 5 – 100 Mbytes free hard disk space

1.2 National adaptation

All messages within the programme are displayed in English.

However it is still possible to create a nationalized version of the programme.

The Headlines and fixed contents of the printable lists can be changed to any language possible. The messages are stored in a file with the name roller.ini. This file can be modified to fit the requirements of a special language.

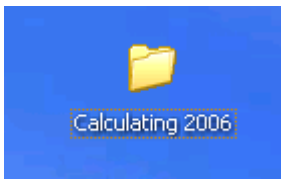
1.3 Installation

1.3.1 Installation of the Programme and additional files

The programme is available for download via the internet. The programme and the necessary files are packed into a single self extracting archive named Calculating2010.exe.
When you download this single self extracting archive and start it. It extracts the necessary files into a temporary directory and calls the setup programme. Follow the steps on the screen to install the programme.

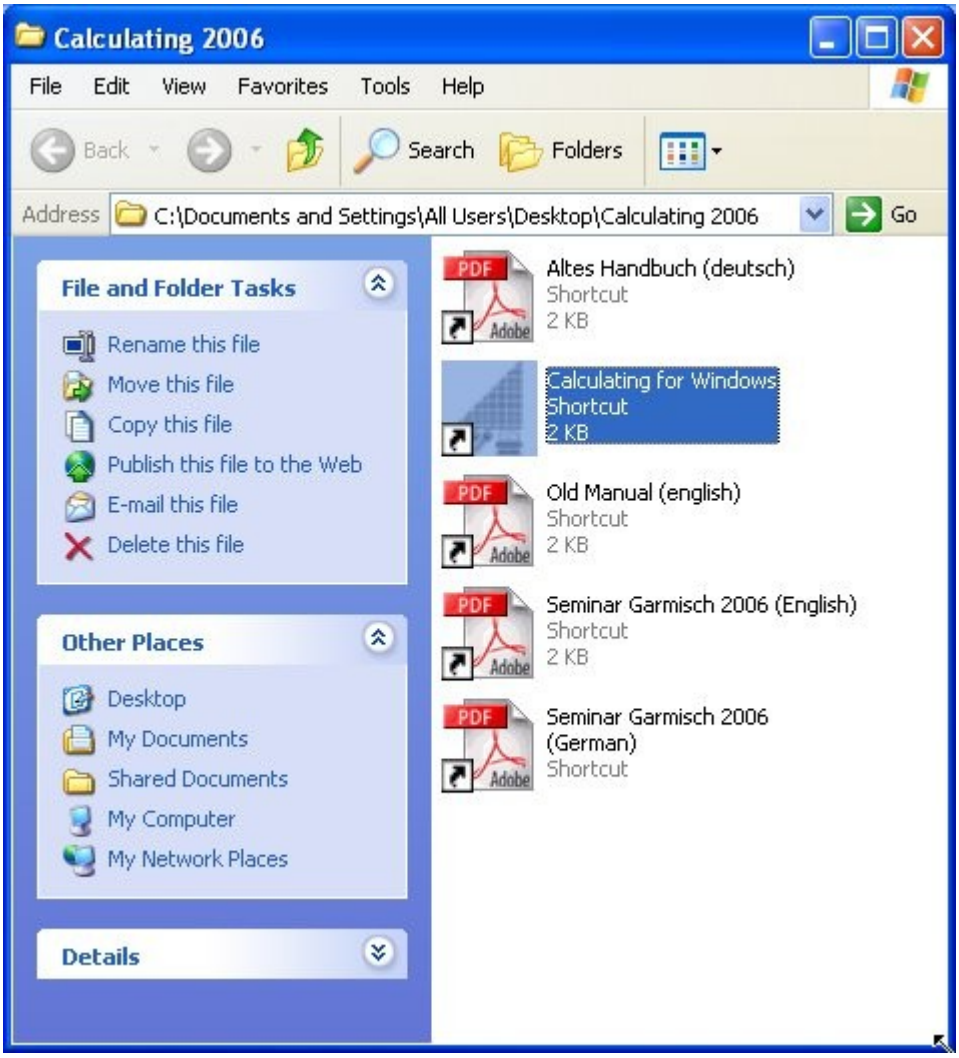
1.4 Starting the CALCULATING Program

After the setup of the Programme has been completed you will find a new icon onto your desktop and an additional menu entry within your start menu.

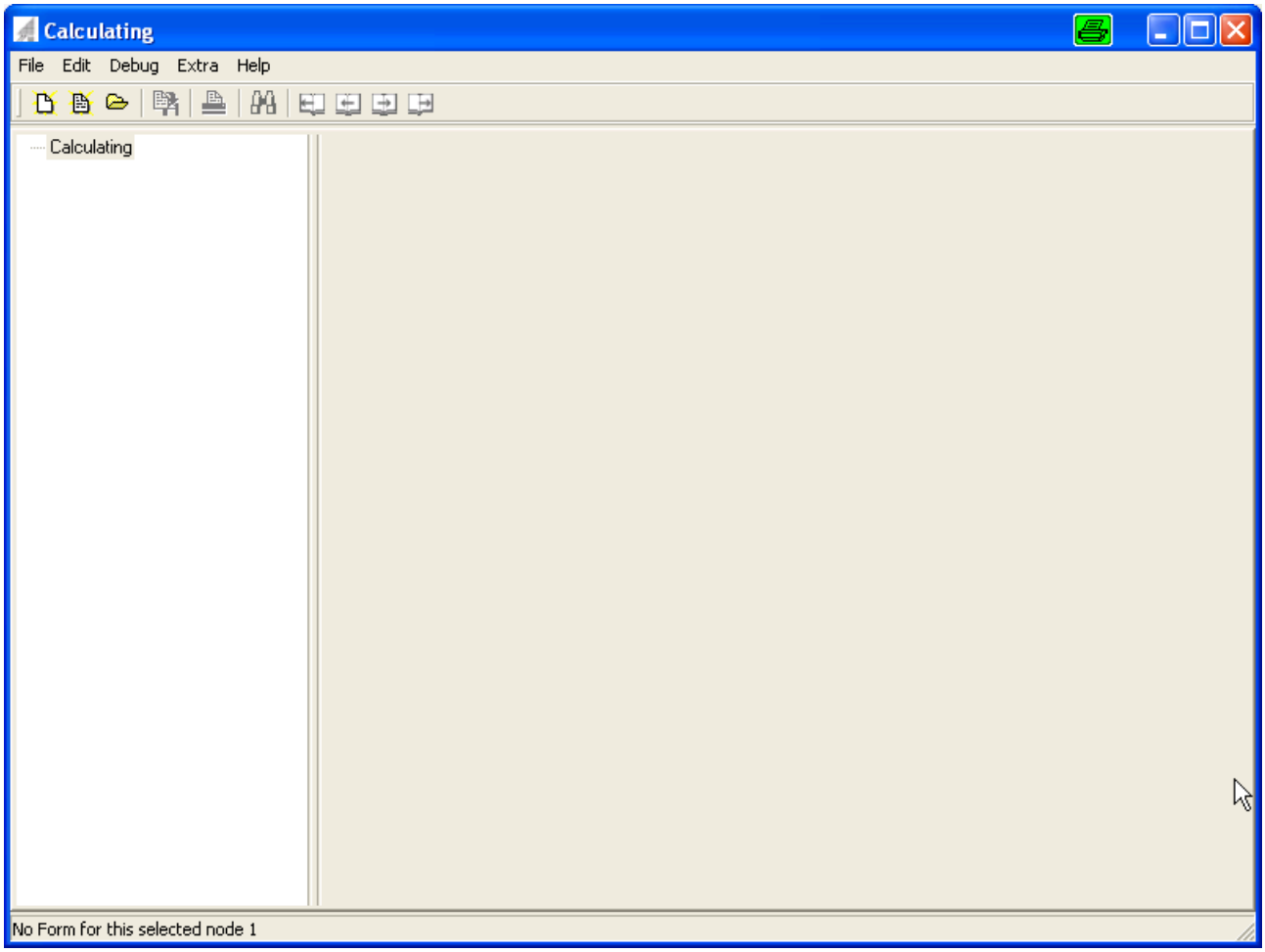


When you open the folder you fill find all the necessary programms and the documentation of the system.

You start the programme by clicking the Icon „Calculating for Windows“. After this the programme will be loaded.



After the start is completed the programme presents itself without any competitions loaded. From this point you can start creating competitions, entering marks and so on.



1.5 Competition Database and Default Location

Each competition is stored in a single database file.These files start usually with the letters "DATA" and end with the extension ".ROL".

The default location where the competition data files are stored is in the folder "roller" within the well known folder "My Documents". As long as you do not change the current championship folder you will find your data files within these folder.

2 Quick Start

This chapter provides information how to start the championship and how to run the programme without giving to many details.

This section has to be completed in a dark and lonely winter night.

3 Running "Calculating"

This chapter covers the Basic Operation of the calculating programme. It deals with the menu operations which form the main method of controlling the operation of the programme. This allows even the novice computer user to easily use the application with minimum training.

3.1 The Main Window

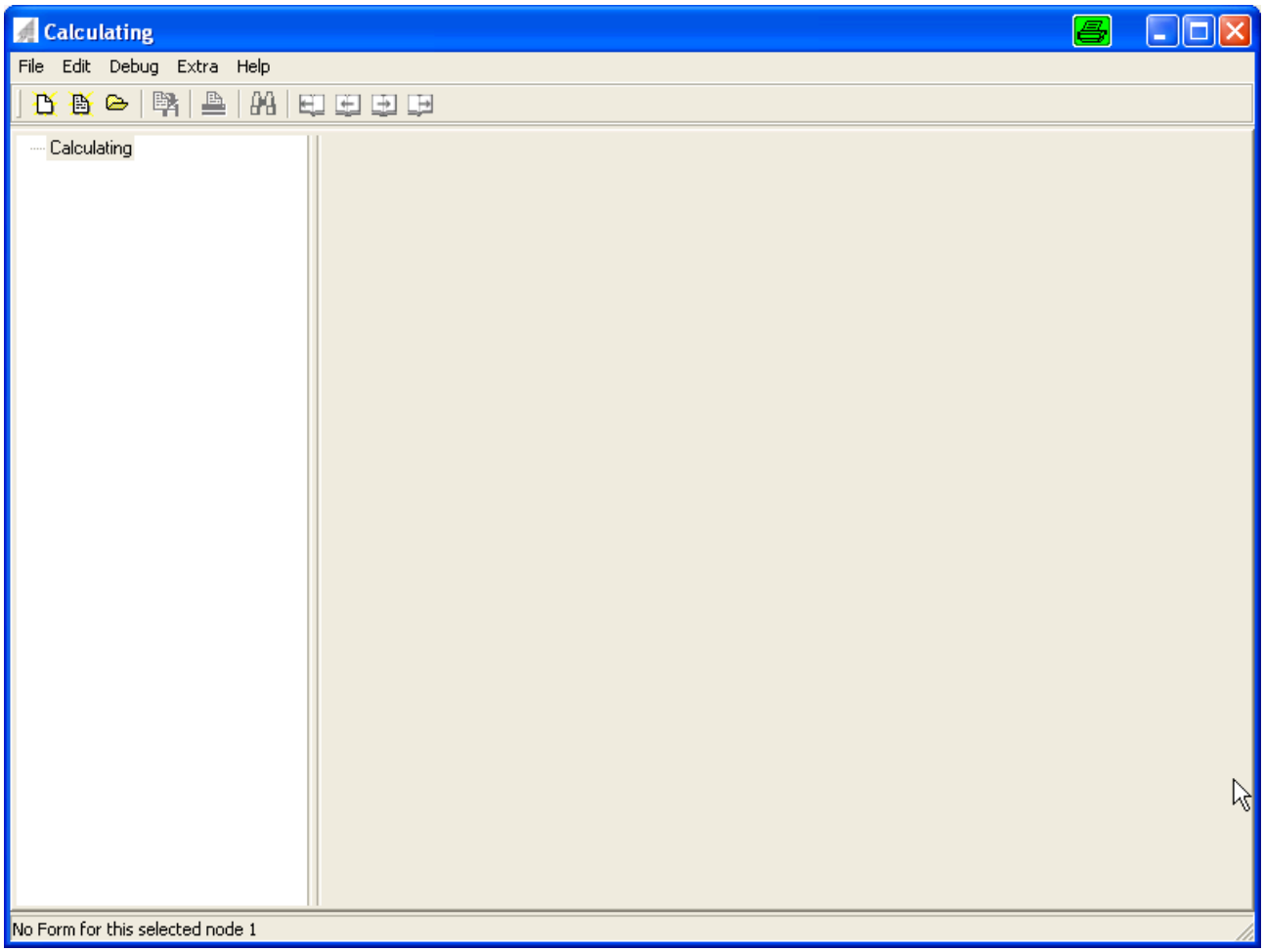


Figure 1: Programme Main Window

The screen image in 1, shows the main window. The main window is divided into two areas. On the left side there is room for the menu with the items to select. According to a given menu item on the right side will be presented the dialog or report.

3.2 The Main Window

The 2 gives an overview of the main window.

Each competition is shown in a separate tab. You can load more than one competition into the programme. The competition you can process is the one selected.

To close a competition click on the small red x on the right side of the tab.

On the left side there is a menu with all options available. The right side displays the report or the windows with the selected function.

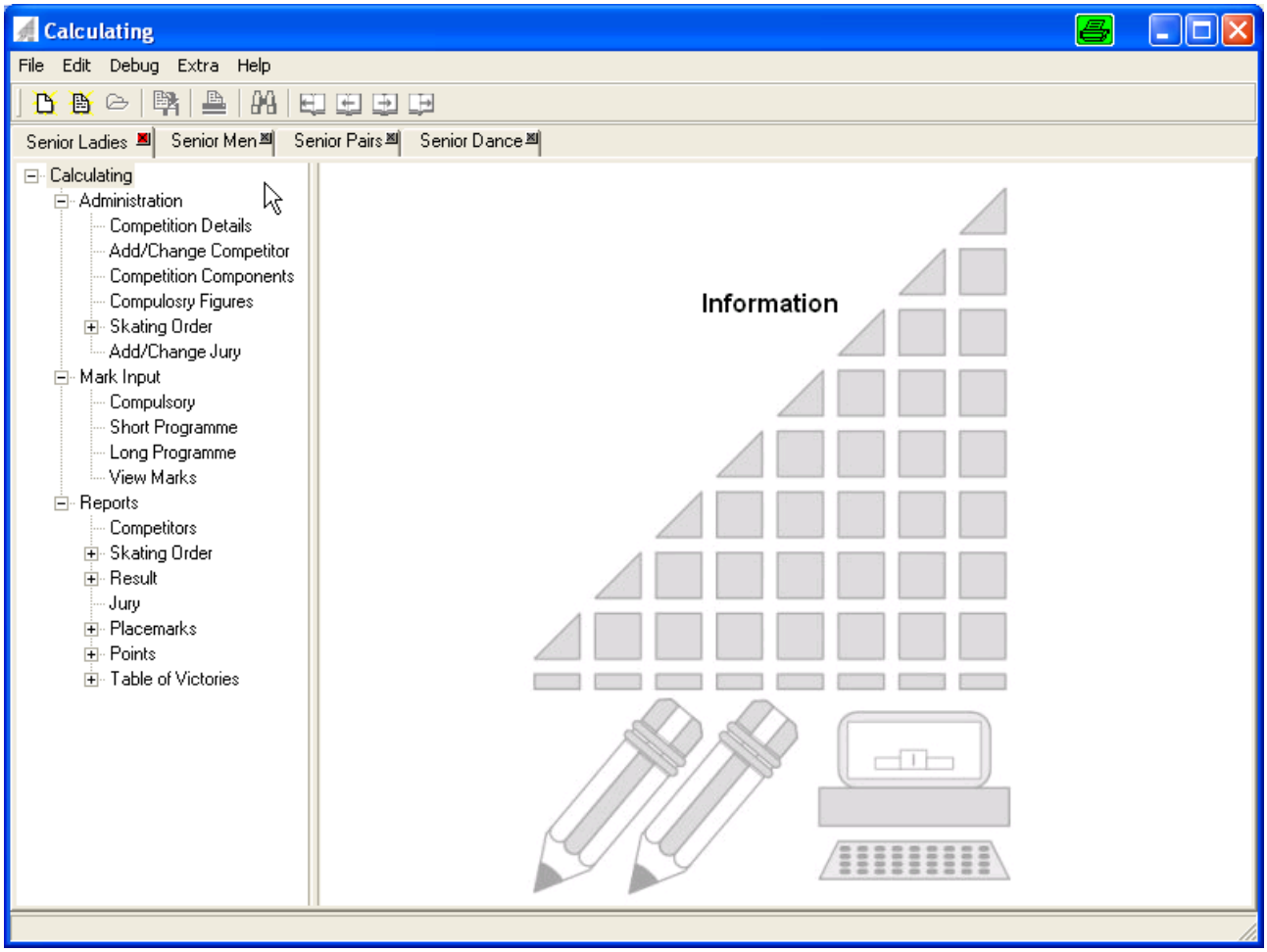


Figure 2: Main Window

3.2.1 Structure of the Menu

The programme is arranged in six sub-section all of which are reached from the main menu. This helps you to get a better overall view of the way the programme is constructed. This makes the programme very easy to follow even for beginners.

The six single sub-menu selections shown above all have a logical build up beneath each of them. Once a sub menu is selected then a second menu is displayed which expands on the features available to the user within the selection.

3.2.2 Administration Option

The administration sub menu contains all the functions that enable the user to set up the competition details. This includes entering the Skaters, Judges and competition elements.

3.2.3 Mark Input Option

This option contains the selections for the input of the marks for the various competition elements.

3.2.4 Reports Option

All the output from the programme is generated from this option, and is controlled by the settings which are configured from within this option. Output is covered in greater detail later in this manual.

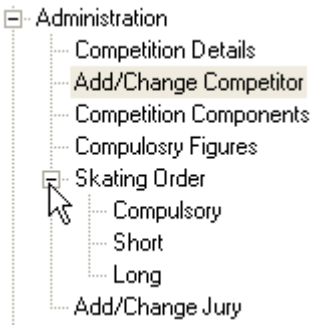
4 Detailed Descriptions of the Menu Functions

All the menu function which the programme contains will be covered in detail in this chapter. They are covered in a hierarchical order start with the entry screens and the main menu, following each of the options down from there.

If the programme has no database then the user is presented with a screen which allows the user to either start a new database of competitions or stop the programme. The first screen dump shows this layout. The options that follow are covered from here.

4.1 Competition Administration

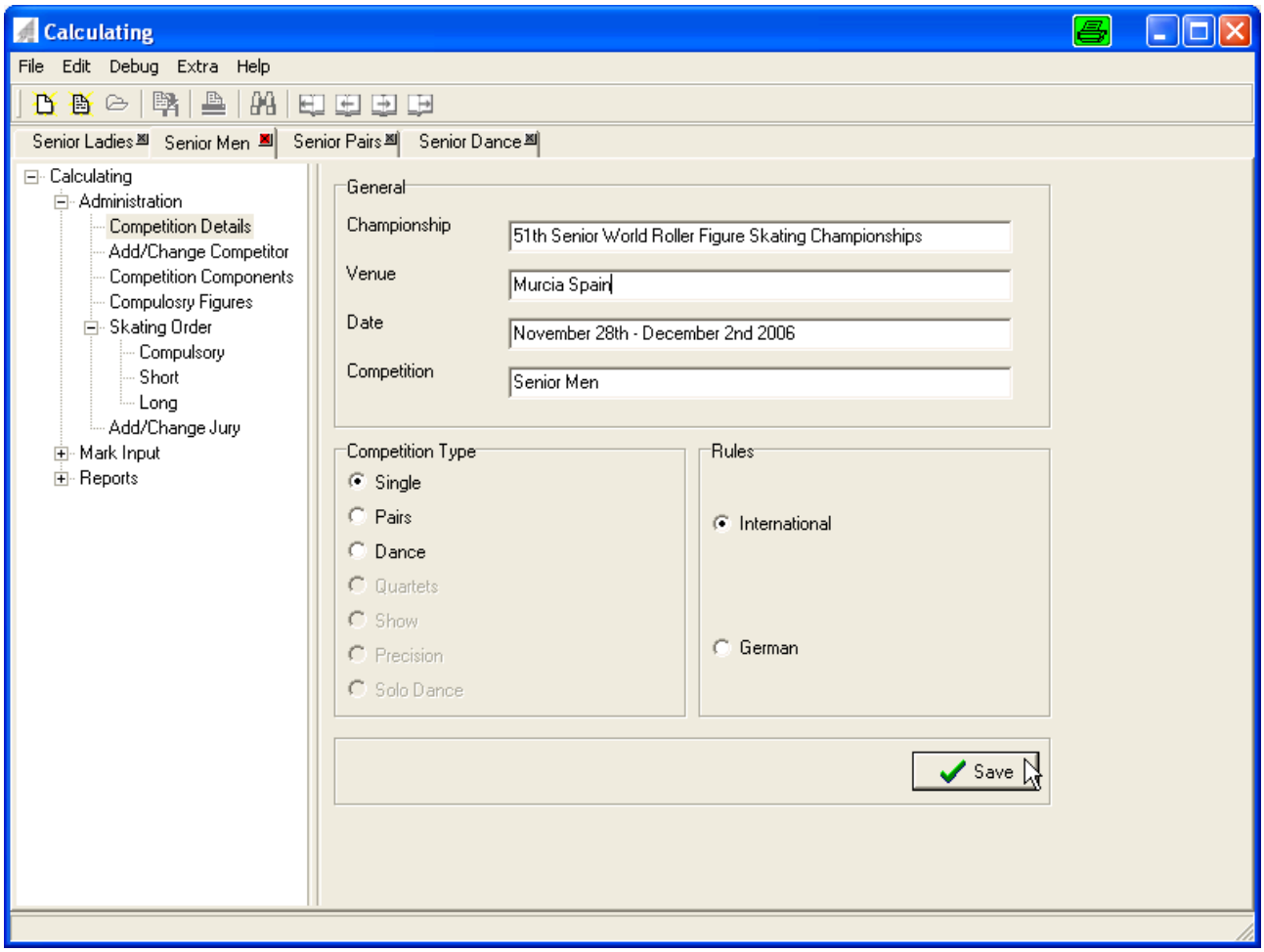
The administration menu gives you the options shown below:



4.1.1 Competition Details Option

Under this option you can change the banner you entered at the initialisation of the data file for the event. The values that can be altered are: Championship, Venue, Date and Competition Name. You also the the option to change the competition type to singles, pairs or dance as well as the rules applied to. International Rules follow the rules given by C.I.P.A. and/or C.E.P.A. German rules included changes made by the German Rollersports Association.

When all the options has been entered it is necessary to press the "Save"-Button.



4.1.2 Add/Change Competitor Option

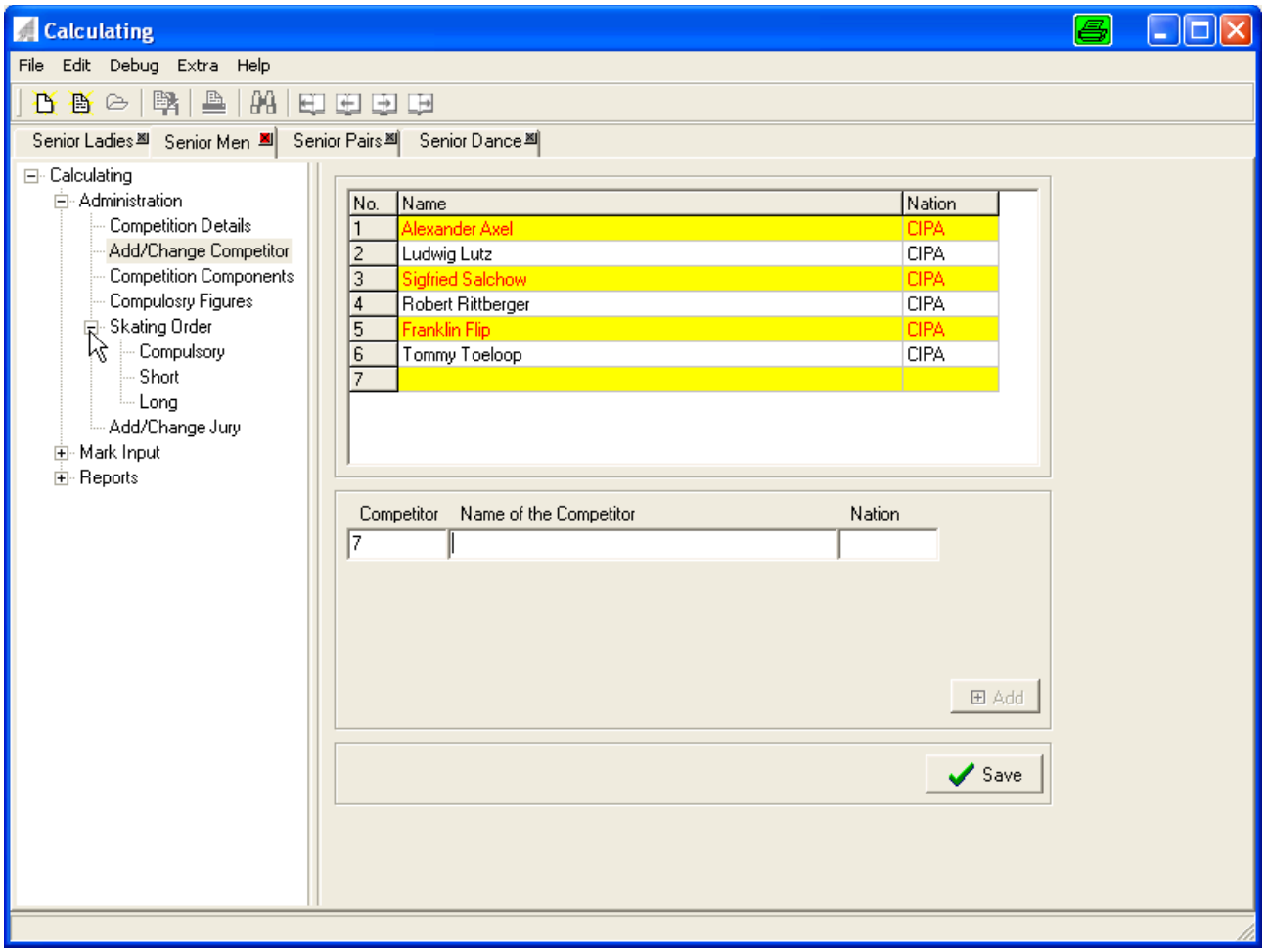
This option allows you to enter all of the skaters for an event, in the case of Singles you must ensure that all the skaters are entered for both the figures and freestyle so that the combined result can be calculated as well.

General Usage

The screen layout shown below allows the user to build up a list of the skaters taking part along with their Nation or club if Club abbreviations are being used.

The number automatically entered on the left hand side of the screen is the competitors number. A printout of the skaters and their competitors number is available if required from the report part of the menu.

If you are using the club option then further details of the programmes implementation of this is covered later in this manual.



As the table shows the values that you can enter differ depending upon the competition type.

Type	*No of fields*	*Field Content*
Singles	1	Competitor, Club or Nation abbreviations
Pairs	2	Male Partner, Club or Nation abbreviations

Type	*No of fields*	*Field Content*
		Female Partner, Club
Dance	2	Male Partner, Club or Nation abbreviations Female Partner, Club
Precision	2	Name of the Precision Team, Nation abbreviations Name of the Presentation
Show	2	Name of the Show Team, Nation abbreviations Name of the Presentation
Quartets	5	Name of the Show Team or Name of the Presentation, Nation abbreviations Name of first skater, Club Name of second skater, Club Name of third skater, Club Name of fourth skater, Club
Solodance	1	Name of the competitor, Club or Nation abbreviations

If there should be a mistake in one of your entries (a name of the competitor, club etc) these can be corrected in the menu option, Add/Change Competitor.

After you have selected the competitor from the list by double clicking on the name of the competitor all the details will be copied in the editing fields at the bottom of the form. There you can make the necessary changes. To accept the changes press the "Change"-Button.

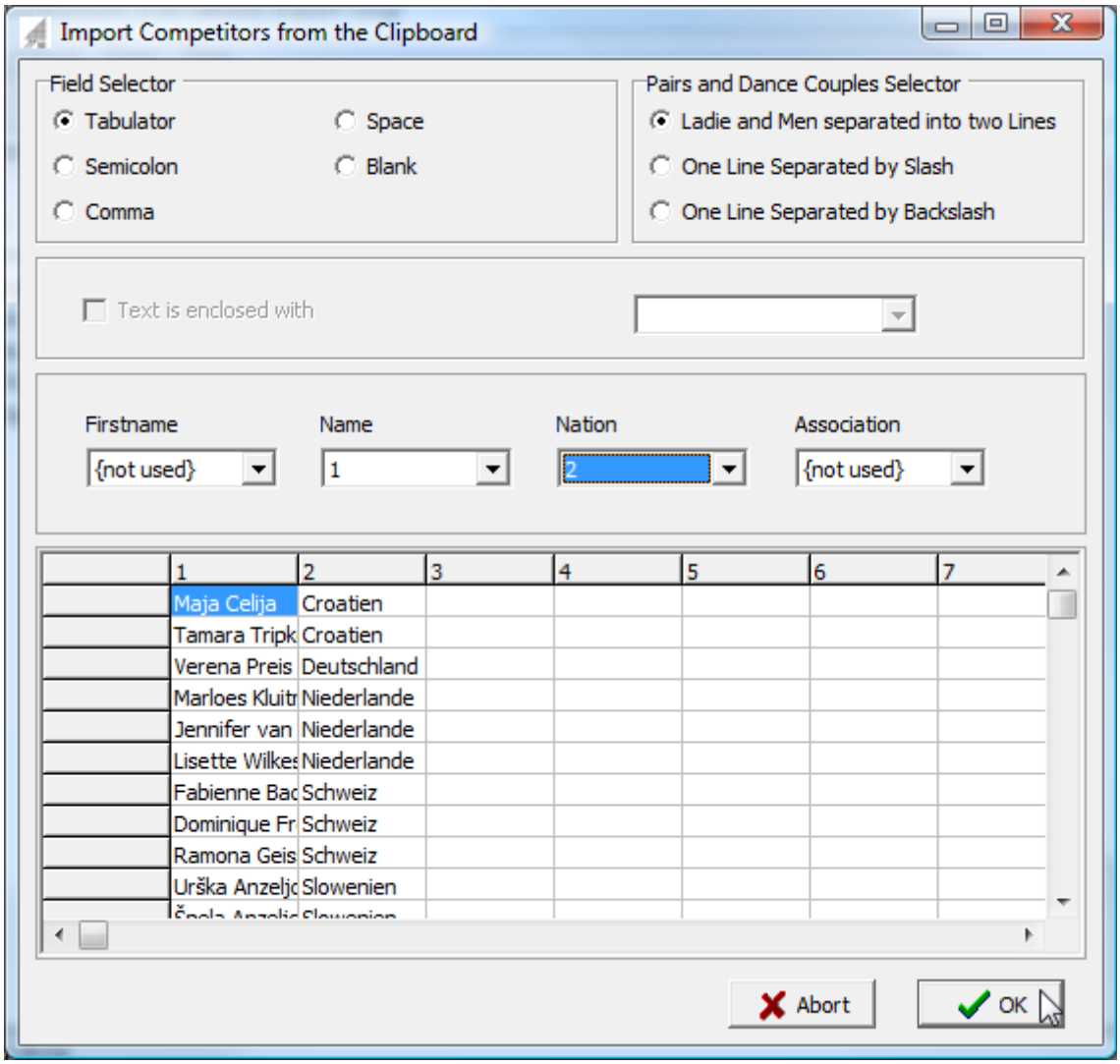
When you have completed your changes or input of the competitors you have to press the "Save"-Button.

Importing the Skaters from Spread Sheet Documents

Usually the list of skaters is available in a Spread Sheet Document like Microsoft Excel or Open Office Calc. It is possible to import the skaters into the calculating programme using the following steps:

1. Within the Spread Sheet Document you need a layout to have different columns for the name of the skater, the nation (or club) of the skater and the association (state) of the skater. It doesn't matter if the skaters name is separated into christian (first) name and family name or not.
2. Select the area of the skaters names including the nation (club) information and if necessary the association (state) as well. Copy the selection to the Windows Clipboard.
3. Within the Calculating application navigate to the competitor input panel and paste the contents of the Windows Clipboard using the menu option “Paste” within the menu “Edit”.
4. The Calculating application opens a extra window where you can fine tune the settings to import the data. You have to establish an association between the columns of the copied data to the fields within the Calculating application. For example you have to assign a column number the the field of the name of the competitors as well as you have to assign a column to the field of the competitors nation.
5. When the fine tuning is completed then press the button “OK” to import the data.

The following picture illustrates how to use the paste competitors dialogue.



4.1.3 Competition Components Option

In this option you set the elements of the competition. The required information will of cause differ depending upon which type of skating competition you are dealing with, e.g. singles, pairs or dance. As well as selecting the elements you may also have to set the relationship between them for that competition.

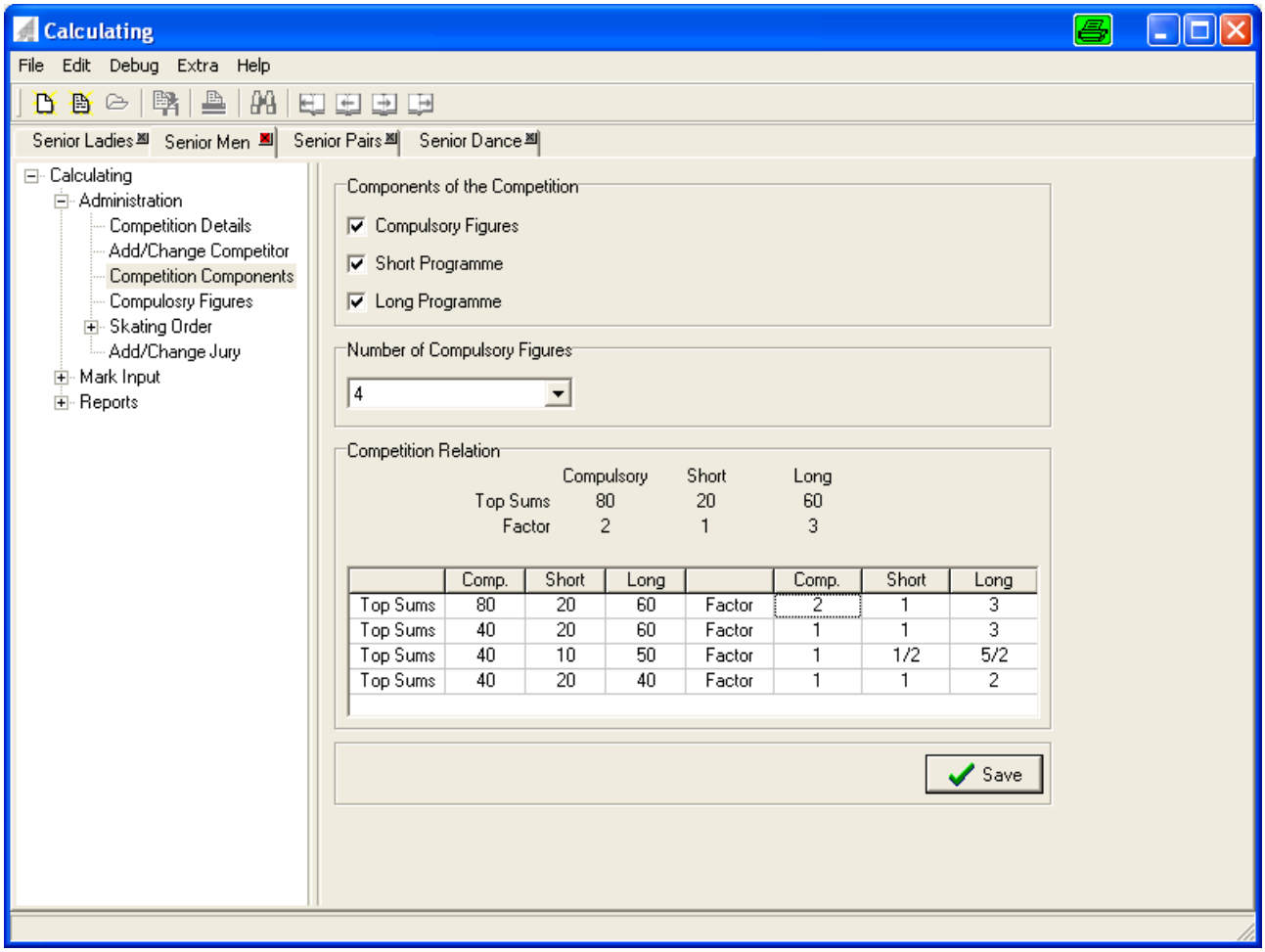
If there is only one relation this relation will be used automatically. If there are more than one option available, you have to select an option suitable for the competition.

You must first select the basic make up of the event by selecting the competition components your competition will have. For example if you have a competition with compulsory figures and the long programme you have to select the check boxes for compulsory figures and the long programme.

If you select an option with compulsory figures then you have to select the number of figures to be skated.

You will then be asked to enter the relationship between the various sections at to the split between the mark distributions. In a table at the end of the page the programme lists all possible options. You have to select one option by clicking in the suitable table row.

If there is not one that suits your requirements then select one that is the closest and use the Menu Option Competition Relation to modify the multipliers.



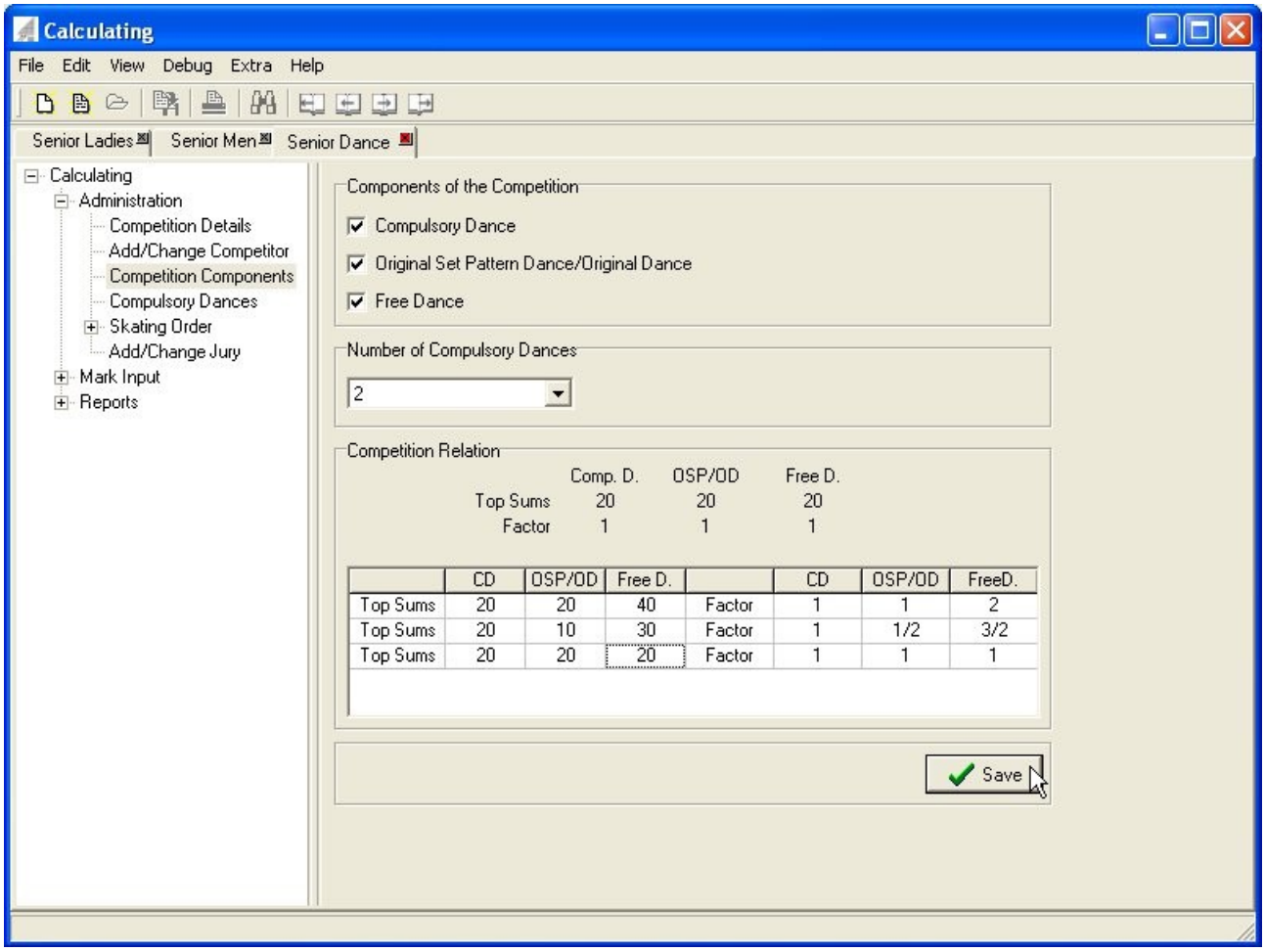
4.1.4 Dance Competition Components Option

The competition components option in dance competition is slightly different from the one in the single events. But everything valid for a single competition can also be applied to the competition components option in dance competitions.

You first have to select the components of the competition, i.e. whether there is compulsory dance or not, there is an O.D. or an O.S.P. and or there is an free dance or not.

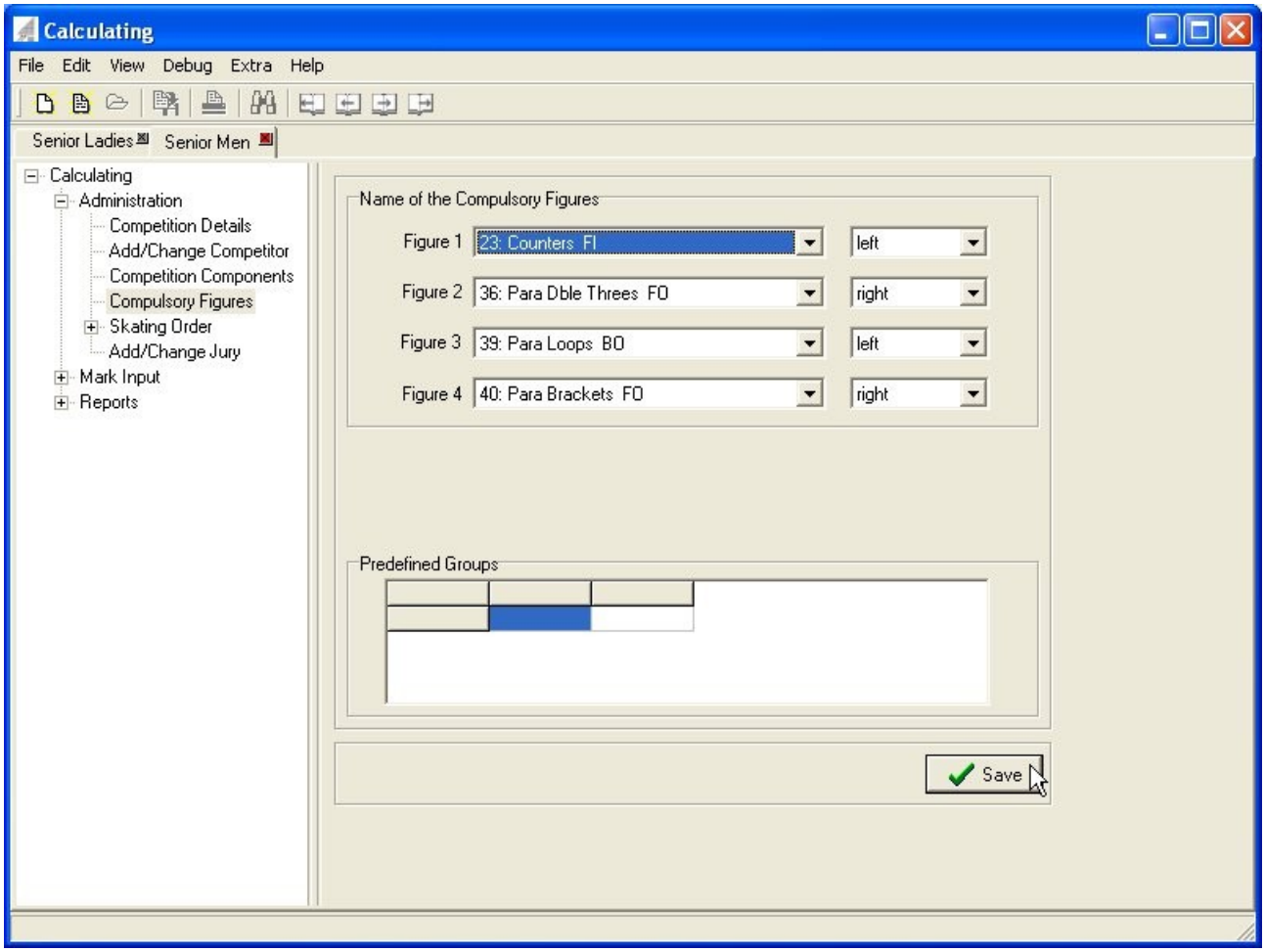
If you have compulsory dances then you have to select the number of compulsory dances.

Then you have to select the competition relation if there is more than one posibility.



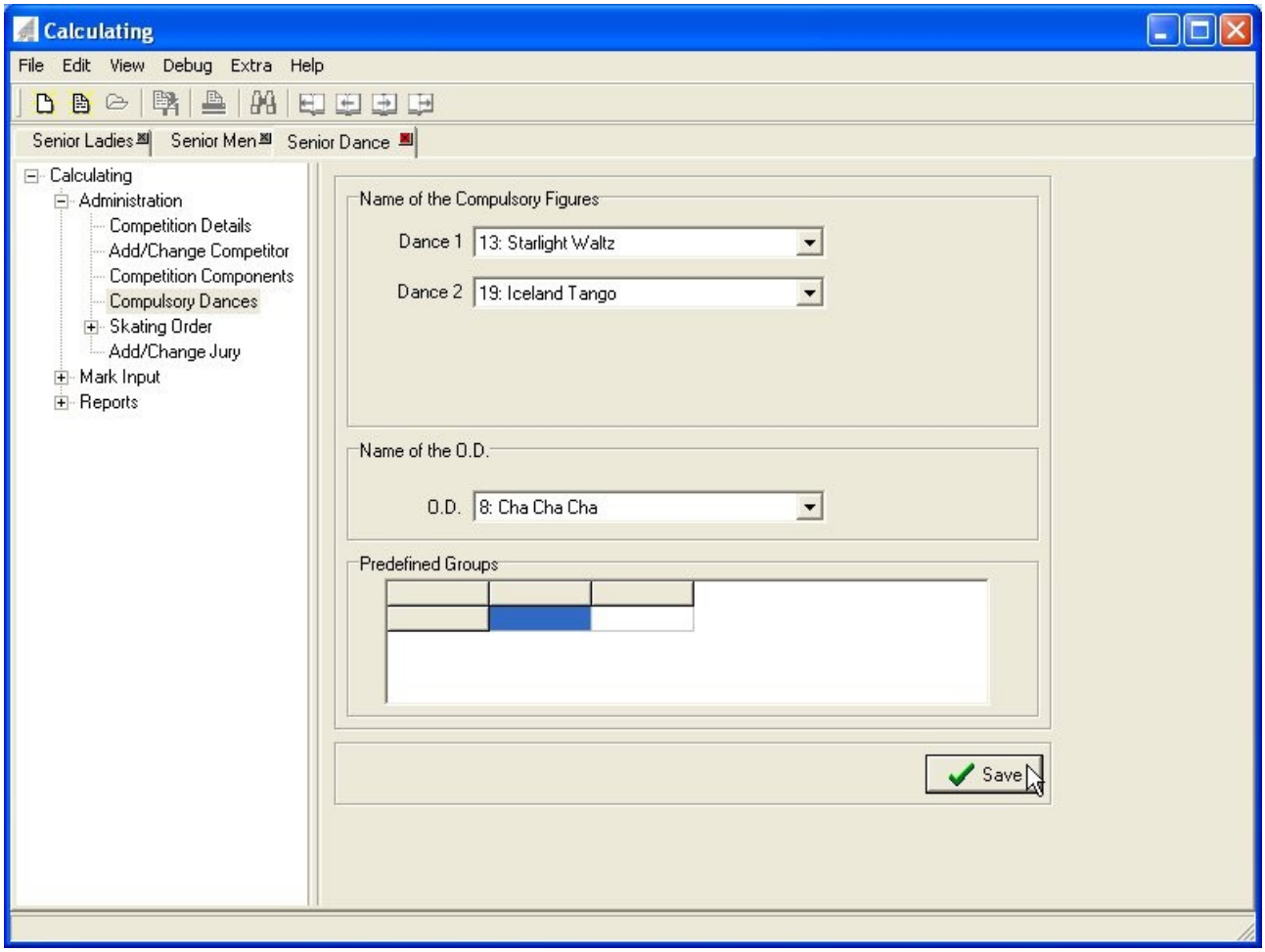
4.1.5 Compulsory Figures Option

In the compulsory figures option you can select the name of the compulsory figures as well as the starting foot.



4.1.6 Compulsory Dance Option

In the compulsory dance option you can select the name of the compulsory dances as well as the names of the O.D. or O.S.P.



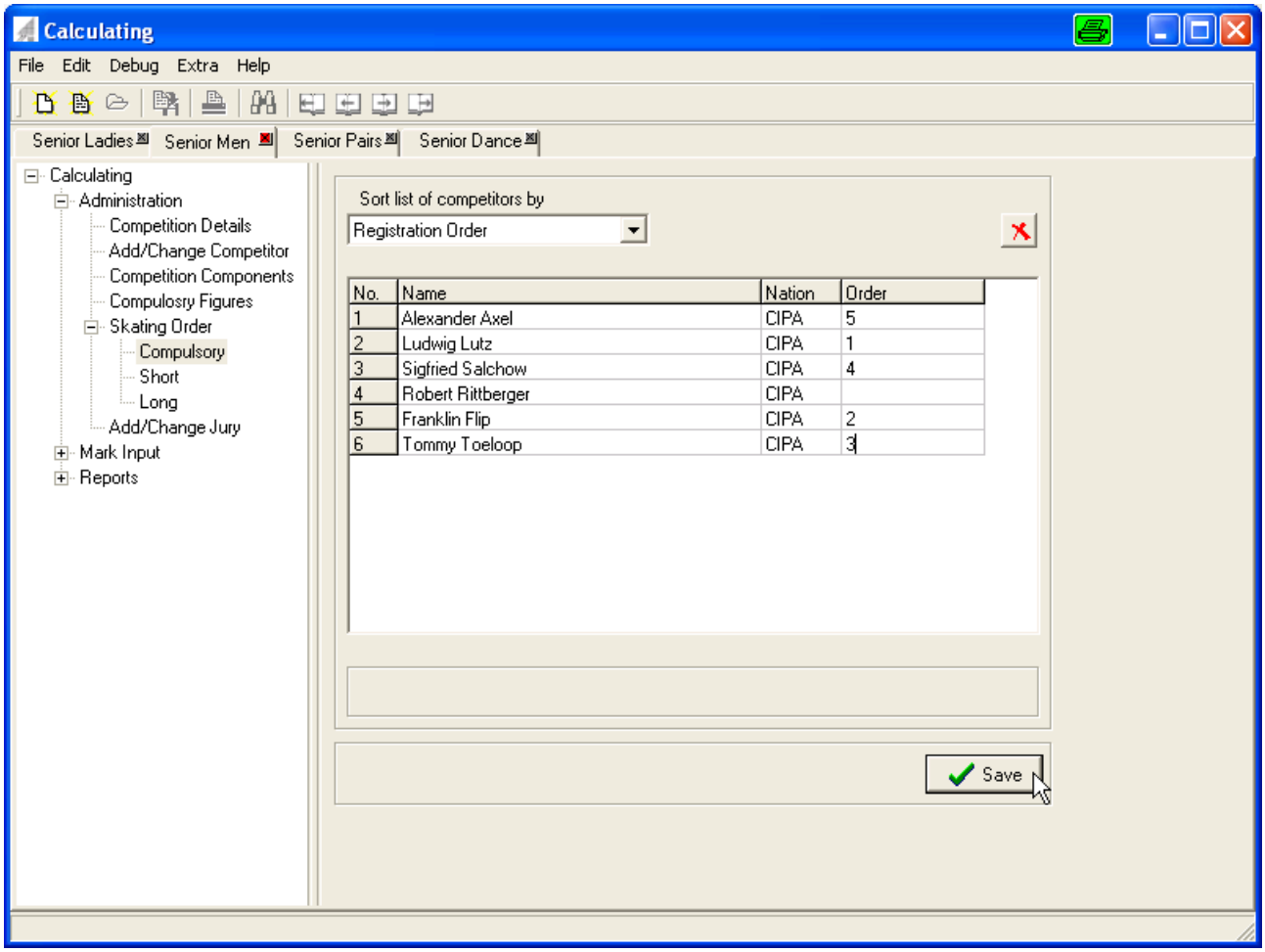
4.1.7 Skating Order Compulsory Option

In the skating order compulsory option you can enter the skating order for the compulsory figures competition. The names of the skaters are listed into a table. On the right side of the table in the column with the title Order you can enter the starting numbers. You can navigate through the cells using the arrow keys.

You can save the skating order only, when it is complete, i.e. there is no missing starting number.

To make sure that the last number is accepted by the system, you should press the arrow up key or the enter key to confirm it.

Sometimes it is easier to enter the skating order in a different way. Therefore you can select whether the list of the competitors is presented in registration order or in the order of a already calculated result.



4.1.8 Skating Order Short Programme Option

This menu is used in the same way the the skating order compulsory figures option.

4.1.9 Skating Order Long Programme Option

This menu is used in the same way the the skating order compulsory figures option.

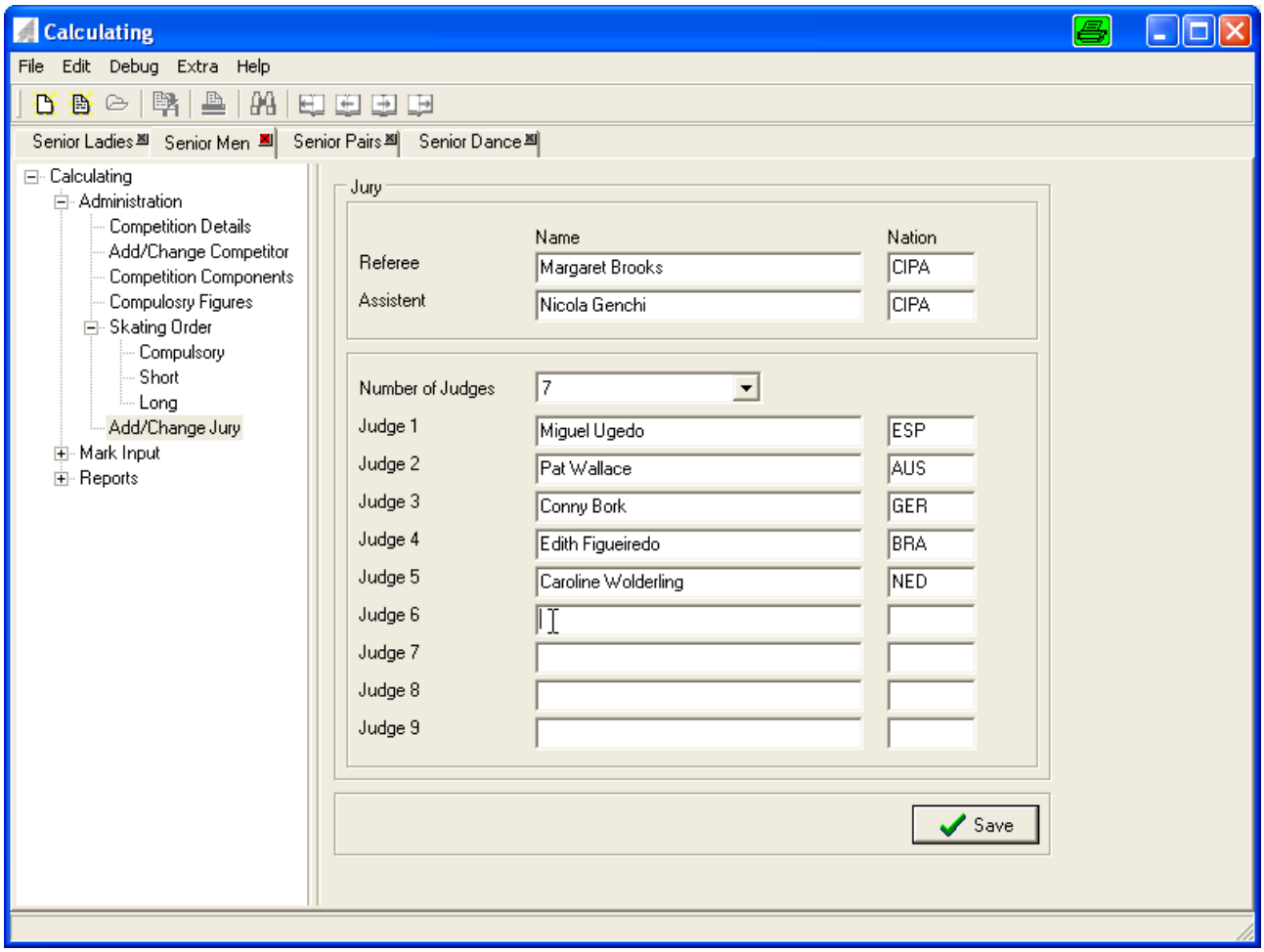
4.1.10 Add/Change Jury Option

The names and club description of the referee and other officials are entered or changed with this menu option.

The panel of judges can only have the values of 3, 5, 7 or 9 judges. Sometimes the first Judge is also the referee. In case no referee has been named, you can do so with the first judge.

The screen display below shows an example of entering a panel of judges. During the competition the number of judges can not be changed but you can later and spelling mistakes etc. You just have to watch that you don't change the number of judges.

If the number of the judges is changed you must ensure that all the results are recalculated afterwards in order to bring the results back into line.

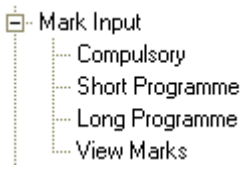


Taking Over the Panel From a Different Competition

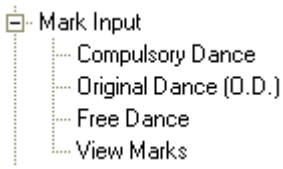
Open the competition you will copy the jury from. Open the page with the panel. In the menu “Edit” select the “Copy” option. This will copy the complete jury into the windows clipboard. Then select the competition you will insert this panel. There select in the menu ”Edit” the “Past” option.

4.2 Mark Input

The mark input menu gives you the options shown below:



Single/Pairs



Dance/Solodance

4.2.1 Common to all Mark Input Options

Within all the mark input options there are some common functions which are described in this section.

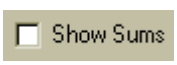
The mark input window displays the following information:

1. Number of the competitor.
2. Name of the competitor.
3. Nation or Club of the competitor.
4. Association of the competitor (if this option has been turned on).
5. In compulsory figures or compulsory dance events number of the figure/dance and name of the figure/dance.
6. Over the input fields for the marks the nations of the judges.

The mark input window has several options to control the mark input:

1. You can select the competitor you will input the marks for.
2. You can select the figure or dance you will input the marks for.
3. You can delete all the marks you have just entered for this competitor.
4. You can confirm the marks you have just entered by pressing the key Enter or the button OK.

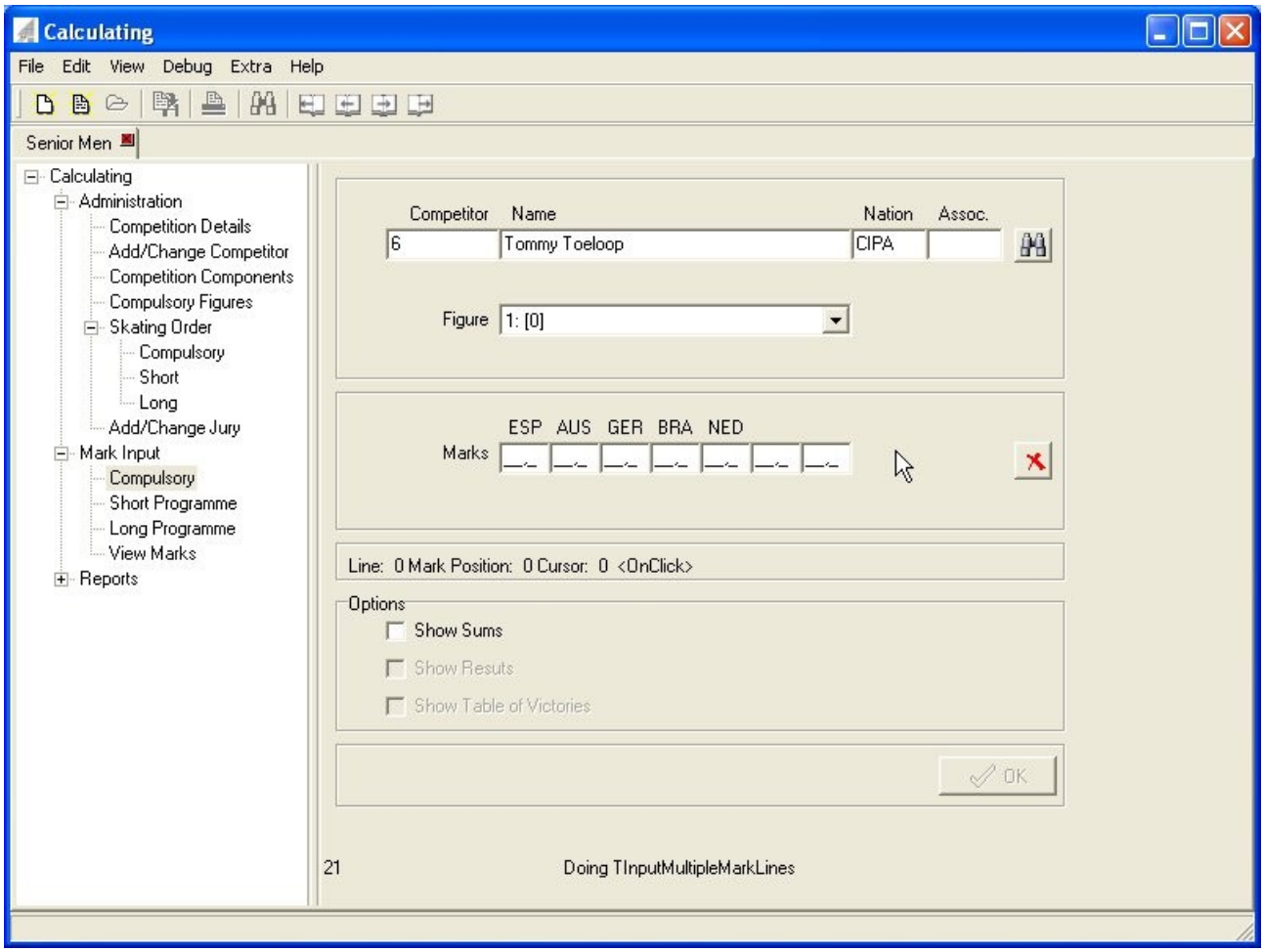
The following buttons provide can be used to control the mark input options.

	This button selects a competitor you can enter the marks for.
	This button deletes all the marks you have entered for this competitor.
	This drop down box allows you to select the compulsory figure or compulsory dance you will enter the marks for.
	The “Show Sums” option allows you to show the marks and sums of this skater in a separate window to compare the values.
	The button “OK” saves the marks you have entered. This can also be done by pressing the “Return” key on the keyboard. The marks are saved. If the “Show Sums” option is activated the sums are displayed. According to the skating order the next skater is displayed for mark input.

4.2.2 Mark Input Compulsory Option

The following figure shows you the mark input compulsory option.

This section has to be completed in a dark and lonely winter night.



4.2.3 Mark Input Short Programme Option

The following figure shows you the mark input short programme option.

This section has to be completed in a dark and lonely winter night.

4.2.4 Mark Input Long Programme Option

The following figures shows you the mark input long programme option.

The mark input long programme option is nearly the same as the mark input short programme option.

4.3 Reports

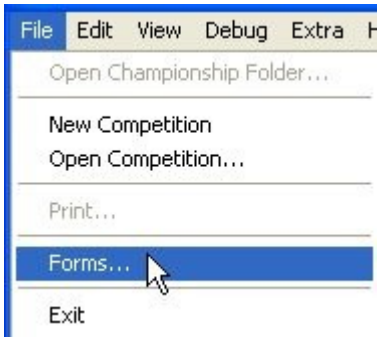
In the reports section you find all the possible reports the programme can do.

The report can be seen on the screen. It can be printed through the print menu option or the report can be copied into the windows clipboard to paste it into Microsoft Word or into Open Office Writer.

4.4 Judges Forms

To print the judges forms the competition must be set up correctly and all necessary data has to be provided.

To print the judges forms simple select the Forms option in the File menu.



Then the forms dialog window pops up where you can select the form you will create.



After selecting the form you wish to create and pressing the button OK the form is created and displayed in the Adobe (Acrobat) Reader. There you can print the form.

To do forms on your computer it is necessary to have installed Adobe (Acrobat) Reader and a Sun Java Virtual Machine with Version 1.4 or higher.

Appendix

5 Numbers for Compulsory Elements

5.1 Compulsory Figures

5.2 Compulsory Dances

5.3 Original Dance/Free Dance

6 Program Configuration Files

7 Tie Breaking Criteria on the Result Lists

On the result output where a tie has been encountered, then the method showing how the tie was resolved is shown. These are shown in the format of the step number that has been used to resolve the tie. These have been taken from the current version of the manual "The CIPA System of Scoring".

Rule	Explanation
6a/6b	Separate Majority Victories
7b 10a	“B” Score Total Long Program
7b 10b	“B” Score Total Short Program
7c	Total All Victories
7a	Total Points

8 List of IOC Country Abbreviations

The following list details the recognised country abbreviations which can be used by the program.

AFG Afghanistan
ALB Albania
ALG Algeria
ASA American Samoa
AND Andorra
ANG Angola
ANT Antigua and Barbuda
ARG Argentina
ARM Armenia
ARU Aruba
AUS Australia
AUT Austria
AZE Azerbaijan
BAH Bahamas
BRN Bahrain
BAN Bangladesh
BAR Barbados
BEL Belgium
BEN Benin
BER Bermuda
BIZ Belize
BLR Belarus
BHU Bhutan
BOL Bolivia
BIH Bosnia and Herzegovina
BOT Botswana
BRA Brazil
IVB British Virgin Islands
BRU Brunei Darussalam
BUL Bulgaria
BUR Burkina Faso
BDI Burundi
CAM Cambodia
CMR Cameroon
CAN Canada
CPV Cape Verde
CAY Cayman Islands
CAF Central African Republic
CHA Chad
CHI Chile
CHN China; People's Republic of
CIV Côote D'Ivoire
COK Cook Islands
COL Colombia
COM Comoros
CGO Congo
CRC Costa Rica
CRO Croatia
CUB Cuba
CYP Cyprus
CZE Czech Republic
DEN Denmark
DJI Djibouti
DMA Dominica
DOM Dominican Republic
ECU Ecuador
EGY Egypt
ESA El Salvador
GEQ Equatorial Guinea
EST Estonia
ETH Ethiopia
FIJ Fiji
FIN Finland
FRA France
GAB Gabon
GAM Gambia
GEO Georgia
GER Germany
GBR Great Britain
GRE Greece
GRN Grenada
GUA Guatemala
GUI Guinea
GBS Guinea-Bissau
GUM Guam
GUY Guyana
HAI Haiti
HON Honduras
HKG Hong Kong
HUN Hungary
ISL Iceland
IND India
INA Indonesia
IRI Iran; Islamic Republic of
IRQ Iraq
IRL Ireland
ISR Israel
ITA Italy
JAM Jamaica
JPN Japan
JOR Jordan
KAZ Kazakstan
KEN Kenya
PRK Korea; Democratic People's
KOR Republic of Korea
KUW Kuwait

KGZ	Kyrgyzstan
LAO	Lao People's Democratic Republic
LAT	Latvia
LBA	Libyan Arab Jamahiriya
LBR	Liberia
LES	Lesotho
LIB	Lebanon
LIE	Liechtenstein
LTU	Lithuania
LUX	Luxembourg
MAD	Madagascar
MAR	Morocco
MAS	Malaysia
MAW	Malawi
MDV	Maldives
MEX	Mexico
MGL	Mongolia
MKD	Macedonia; Former Yugoslav Repu blic of
MLI	Mali
MLT	Malta
MON	Monaco
MDA	Moldova; Republic of
MOZ	Mozambique
MRI	Mauritius
MTN	Mauritania
MYA	Myanmar
NAM	Namibia
NCA	Nicaragua
NED	Netherlands
AHO	Netherlands Antilles
NEP	Nepal
NGR	Nigeria
NIG	Niger
NOR	Norway
NRU	Nauru
NZL	New Zealand
OMA	Oman
PAK	Pakistan
PAN	Panama
PAR	Paraguay
PER	Peru
PHI	Philippines
PLE	Palestine
PNG	Papua New Guinea
POL	Poland
POR	Portugal
PUR	Puerto Rico
QAT	Qatar
ROM	Romania
RUS	Russian Federation
RWA	Rwanda
SKN	Saint Kitts and Nevis
LCA	Saint Lucia
VIN	Saint Vincent and the Grenadines
SMR	San Marino
STP	Sao Tome and Principe
KSA	Saudi Arabia
SEN	Senegal
SEY	Seychelles
SIN	Singapore
SLE	Sierra Leone
SLO	Slovenia
SOL	Solomon Islands
SOM	Somalia
RSA	South Africa
ESP	Spain
SRI	Sri Lanka
SUD	Sudan
SUI	Switzerland
SUR	Suriname
SVK	Slovakia
SWE	Sweden
SWZ	Swaziland
SYR	Syrian Arab Republic
TPE	Taipei; Chinese
TAN	Tanzania; United Republic of
TGA	Tonga
THA	Thailand
TJK	Tajikistan
TKM	Turkmenistan
TOG	Togo
TRI	Trinidad and Tobago
TUN	Tunisia
TUR	Turkey
UAE	United Arab Emirates
UGA	Uganda
UKR	Ukraine
URU	Uruguay
USA	United States of America
UZB	Uzbekistan
VAN	Vanuatu
VEN	Venezuela
VIE	Vietnam
ISV	Virgin Islands
SAM	Western Samoa
YEM	Yemen
YUG	Yugoslavia
ZAI	Zaire
ZAM	Zambia
ZIM	Zimbabwe

9 Skate Australia Remote Scoring

Index