ContestMaker for RUMped - Foreword

Starting with version 2 RUMped supports plugins for user defined contests. Contestmaker (CM) is the tool to create your own contests. Each contest is unique and a lot of combinations of contest rules are possible. ContestMaker is not able to create every contest, but the most common formats should be supported. The user interface consists of a lot of selectable statements. When you have the contest rules handy, you should be able to set the correct options. **In RUMped it is always possible to log any QSO, any band and any mode. The contest rules are used only to calculate the score and for your information!**
To make the plugin usable in RUMped, the contest definition file must be placed into the plugins folder, which one must be located inside the RUMped folder.
After starting CM you can start to create your contest. Not all controls are visible at any time, it's pending on other selections.

QSOs and Multi Tab
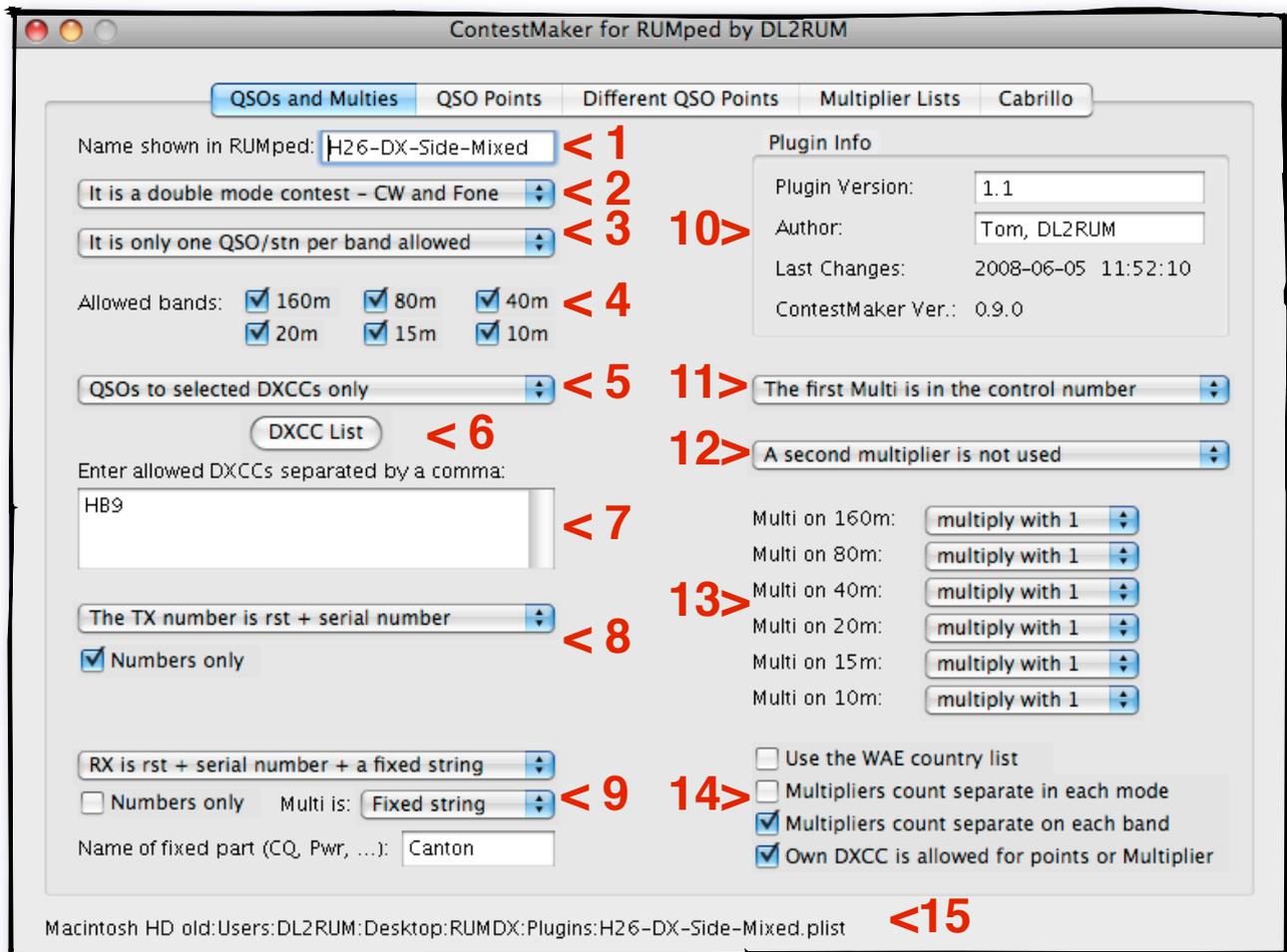
1 Name of the contest

Enter here the name of the contest. This name will be shown in RUMped in the list of selectable contests.

2 Number of Modes

Possible selections:
It is a single mode contest
It is a double mode contest - CW and Phone
It is a triple mode contest
RUMped will use this info to set the user interface and for the decision if a QSO is allowed or not. When *Single Mode* is selected, RUMped uses the currently selected mode as default.

3 Number of QSOs

Possible selections:
One QSO/stn in each mode on each band
It is only one QSO/stn per band allowed
It is only one QSO/stn per mode allowed
It is only one QSO per station allowed
This is used to detect dupes and to calculate the QSO points.

4 Permitted Bands

Check the bands, which are allowed in the contest.

5 Permitted QSOs

Possible selections:
All QSOs are allowed
QSOs to selected continents only
QSOs to selected DXCCs only
QSOs with portable stations only

6 When continents are selected in 5

Check the permitted continents.

6 When DXCCs are selected in 5

Pressing this button brings up the DXCC list.
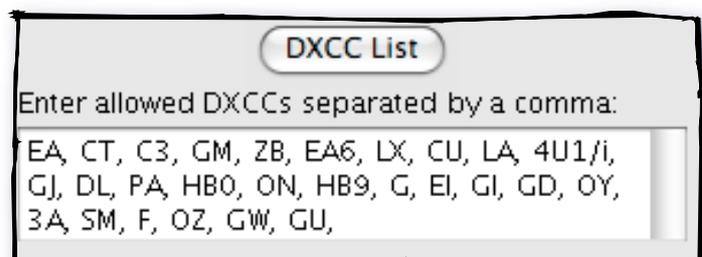
7 Permitted DXCCs

Enter all allowed DXCCs separated by a comma. Pressing the DXCC push button brings up the DXCC table, where you can double click on an entry to take it over. Please note that in the DXCC table you can click on the header to sort the list. In the example above, all countries from the cq zone 14 are listed.

8 Format of Sent Control Number

Possible selections:
The TX number is rst + serial number
The TX number is rst + a fixed string
TX is rst + serial number + a fixed string

Check the ‚Numbers Only‘ box when there are only numbers (0-9) in the control number. E.g. serial number or cq zone. This is required only for sorting routines inside RUMped and to prevent wrong entries. When the sent number has a fixed string included, enter the name of it into the field. This could be named Zone, State, District, etc...

> The TX number is rst + a fixed string
> ☑ Numbers only
> Name of fixed part (CQ, Pwr, …): State

9 Format of Received Control Number

Possible selections:
The RX number is rst + serial number
The RX number is rst + a fixed string
RX is rst + serial number + a fixed string

See also #8 above. When the information about a multiplier is in the received control number, then the ‚Multi is:‘ popup appears. Possible selections are:
Fixed string - means the full word
1st character
1st+2nd char.
Last char.
Last 2 char.

> RX is rst + serial number + a fixed string
> ☑ Numbers only   Multi is: 1st character
> Name of fixed part (CQ, Pwr, …): District

Example 1: In the W/VE contest (seen from dx side) the control number looks like ‚599 CA‘ and the given state is the multiplier. You have to select ‚The RX number is rst + a fixed string‘ The name of the fixed part is ‚State‘. Since the state is the full word of the fixed part, select ‚Fixed string‘ from the ‚Multi is:‘ popup.
Example 2: In the WAG contest (seen from dx side) the control number looks like ‚599 Y07‘ and the given district is the multiplier. You have to select ‚The RX number is rst + a fixed string‘. The name of the fixed part is ‚District‘. Since the district is only the first letter from the received number (Y) select ‚1st Character‘ from the ‚Multi is:‘ popup.

When the report is the serial number plus a fixed string, you have to separate both parts by a space during logging in RUMped.

10 Plugin Information

Enter here free text in the ‚Version' and ‚Author' field. The ‚Last changes' and ‚ContestMaker Version' fields are filled by CM when saving the file.

11 First Multiplier

Possible selection:
Multipliers are not used in the contest
The first Multi is the DXCC
The first Multi is in the control number

12 Second Multiplier

Possible selection:
A second multiplier is not used
The second multiplier is the DXCC

13 Multiplier Points per Band

Here you can select how many a multiplier counts, pending on the band. That's normally 1, but there are contests where e.g. a multiplier on a low band counts double or triple.

14 Various

Check the boxes as required.

15 Path to the Contest Definition File

Here you can see, where the used file is saved on the disc.

QSO Points Tab
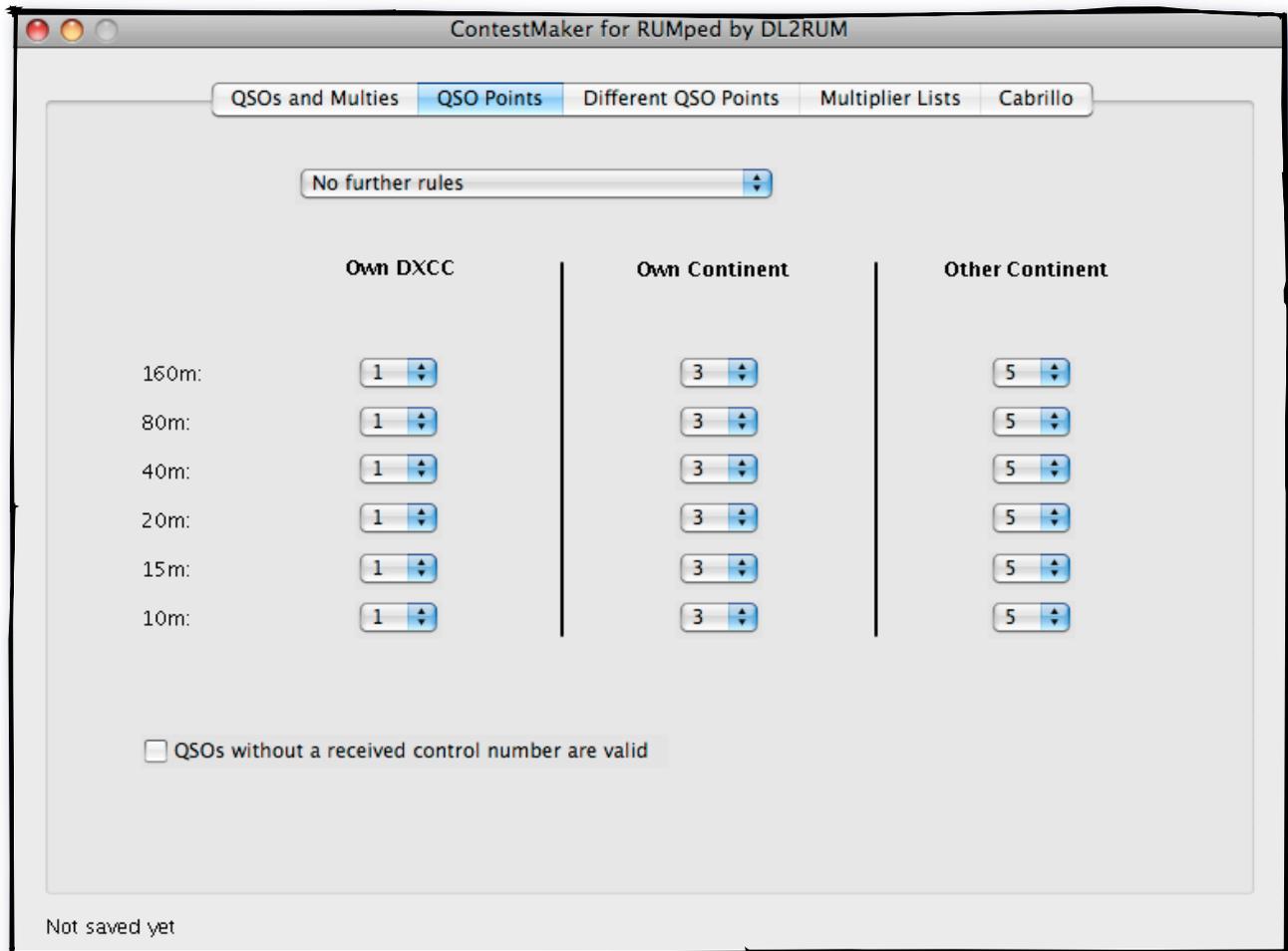
In this tab you can enter the QSO points pending on bands and the location of the station. From the ‚Rules' popup you can select:

No further rules
Different points for different modes
Different points for fixed/portable

In some contests you can make valid QSOs with stations, which do not participate on the contest, so you will not get a control number. In this case tick the check box on the bottom.

Different QSO Points
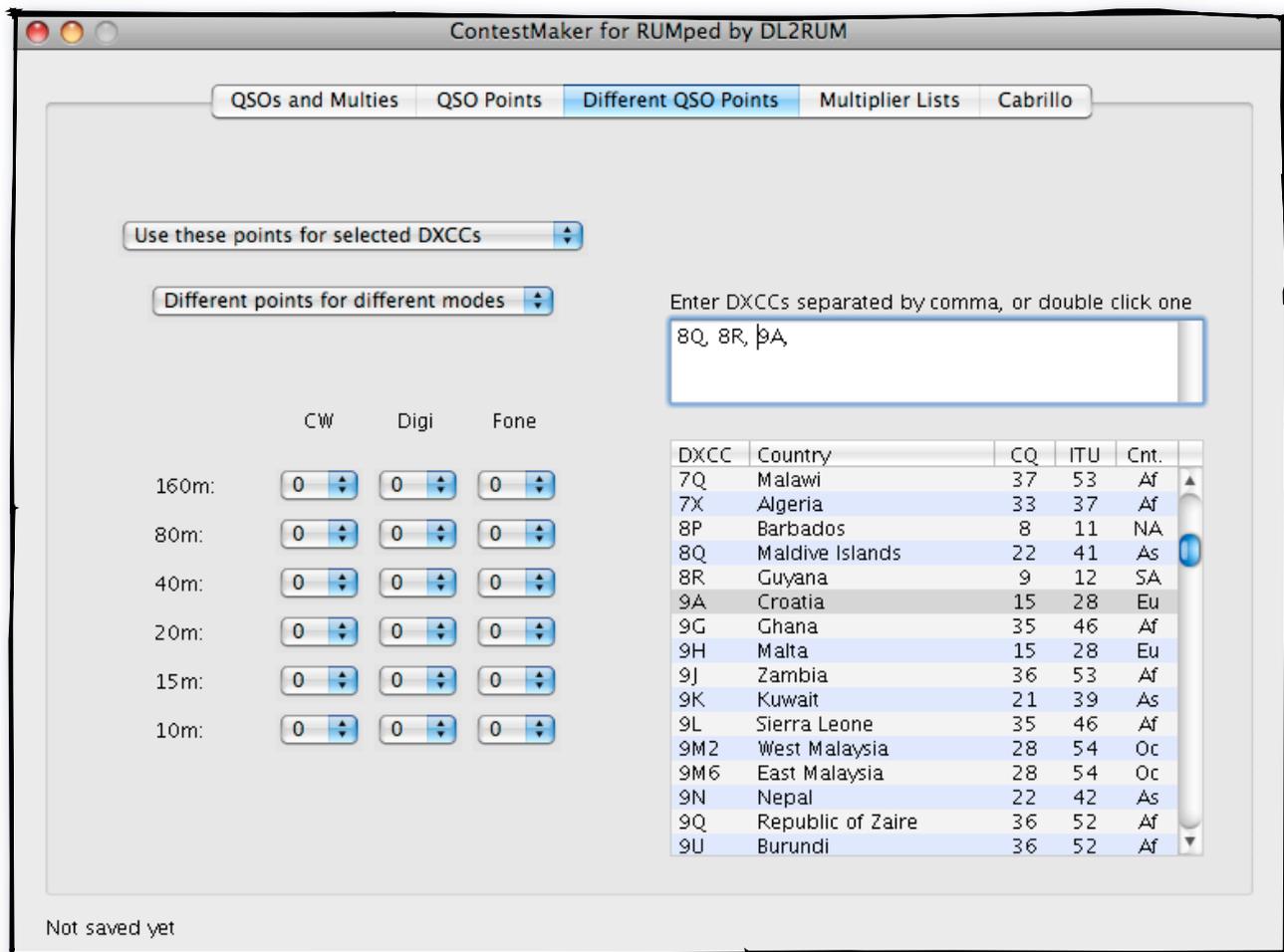
Here you can define exceptions for QSO points selected in the tab before. Maybe QSOs to a specific continent or DXCC counts different.

From the Exception popup you can select:
Do not use these exceptions
Use these points for selected continents
Use these points for selected DXCCs

Further you can select different points for different modes from the popup below:
*No further rules*
Different points for different modes

Multiplier Lists Tab (Optional)

Here you can define complete sets of multiplier lists. Once you have created one, these are selectable for a contest. These multi list will be used in RUMped for a full Multiplier Check List and to check if the received number could be correct. These Multiplier lists are saved in a separately database file named ‚multipliers.rsd'. When you assign a multi list to a contest using the popup menu, this multi list will be also saved in the contest file. When you distribute this contest file to another user, he can also use this list. When he opens this file in CM, also this multi table will be added in his database.

Example: You have created a list containing all US States and assigned this list to a contest using the States as multiplier. In RUMped you can get now a list of **all** possible multipliers. Before logging a QSO the control number will be checked if the received multiplier is correct. So you will be warned, when you try to log a ‚XX' as State, because ‚XX' is not in the list. Logging is always possible, even a wrong control number, but the ‚XX' will not count as multiplier.

When you do **not** use the multi list, RUMped can show you only the worked multipliers. You don't know which ones are missing. (Regardless of the band) And the incorrect logged ‚XX' will count as multi as well.
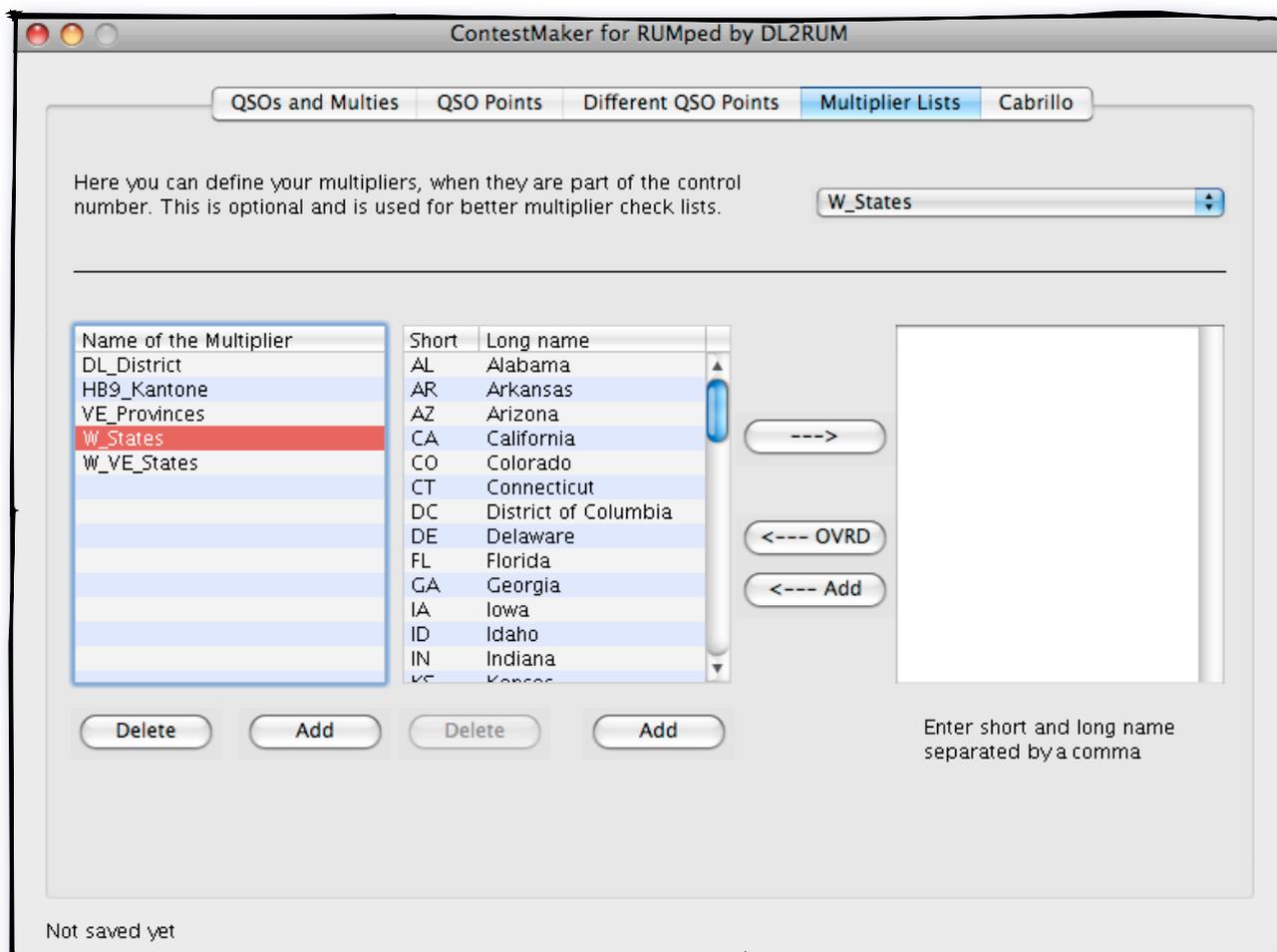
Additionally to your own created multi lists, following selections are possible:
Not used
*CQ zones (internal)*
ITU zones (internal)

Use the **left** table to add, delete or edit a multi list. The table is inline editable, once you have created a list, you can change the name by clicking into the cell. The names must be unique.

The **mid** table is used to add, delete or edit an entry in a multi list. The long name is optional and not used yet. You must have a Multi List selected in the left table to perform any action in the mid table! The table is inline editable, once you have selected an entry, you can edit it by clicking in the cell. You can use drag and drop to reorder this list entries.

For adding or editing a large number of entries it is not very practicable to use the inline edit method. Therefore is the **right** text box made for. Herein you can type the multipliers short and long name separated by a comma and the entries separated by the Enter key.

Use the push buttons between the two boxes to transfer data. Use the ‚<---OVRD' button to use **only** the data from the right box and use the ‚<---Add' button to append or insert the data from the right box to the mid table.

Using copy, cut and paste in the right text box, it is an easy and quick job to create new multi lists.

Cabrillo Tab
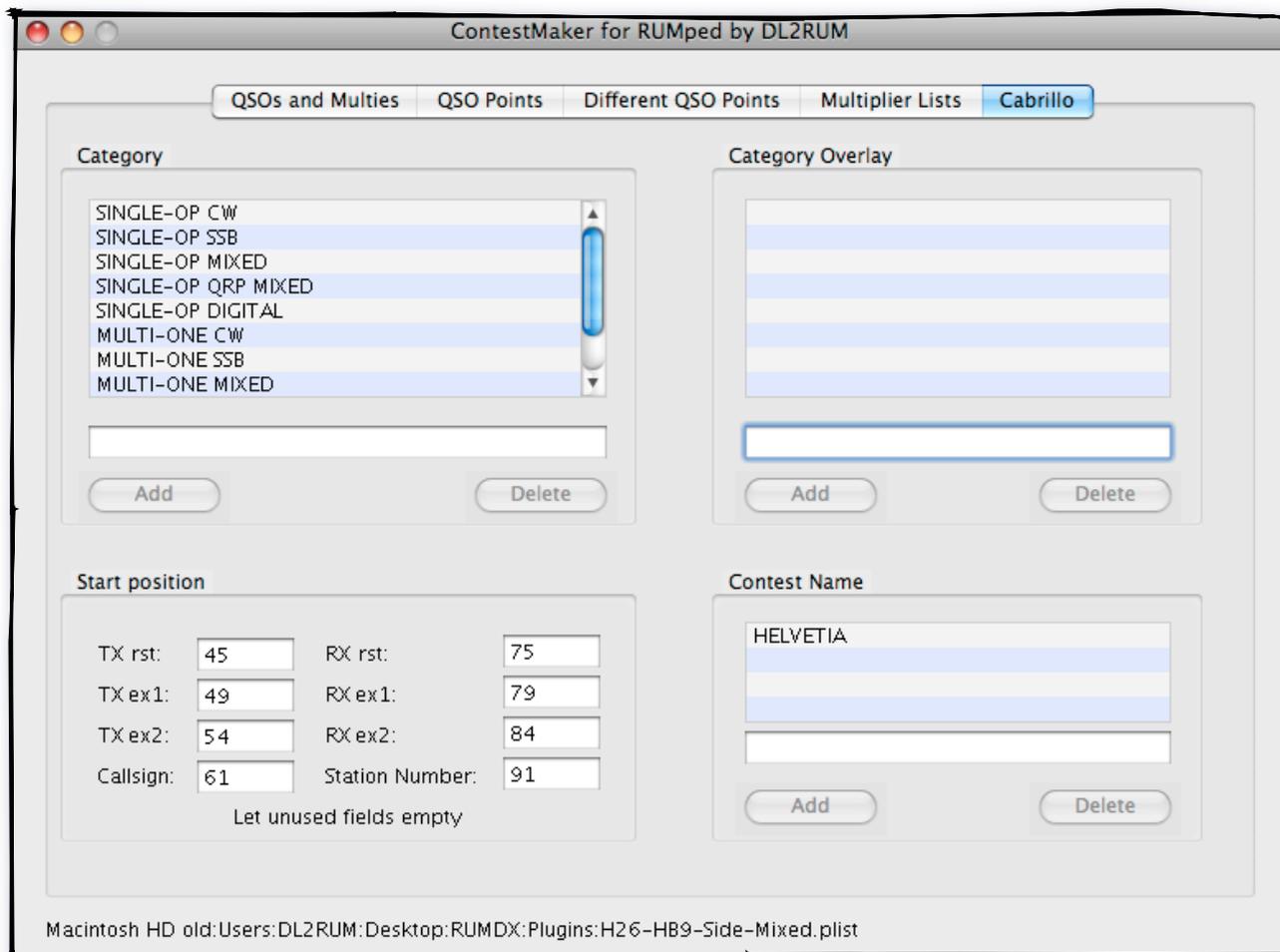
The three tables ‚Category', ‚Category Overlay' and ‚Contest Name' are very similarly. To **add** an entry, type it in the text field below the table and press the ‚Add' button. To **delete** an entry, select it and press the ‚Delete' button. To **edit** an entry, click in the cell to make it editable. You can use drag and drop to reorder the list entries. Correct, Cabrillo conform entries you will find in the contest rules. These entered options will appear in the RUMped Cabrillo Export requester.

In the left lower corner you can define a QSO template. A template looks like this:

```
                      ----------info sent--------- ----------info rcvd----------
QSO: freq  mo date       time call            rst ex1  ex2     call            rst ex1  ex2    t
QSO: ***** ** yyyy-mm-dd nnnn ************* nnn nnnn aa-nnn ************* nnn nnnn aa-nnn n
QSO: 21025 CW 2004-04-24 1300 HB9CZF          599 0001 AG      JA6GCE          599 0001 --
QSO: 21025 CW 2004-04-24 1304 HB9CZF          599 0004 AG      HB9APJ/P        599 0002 SZ
00000000011111111112222222222333333333344444444445555555555666666666677777777778888888888899
12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901
```

The start position for the frequency, mode, date, time and own call should be always the same and is therefore not adjustable. Enter the start position for the other fields. Let unused fields empty or enter a ‚0' (zero).

When you have defined the Cabrillo template, RUMped is able to **import** a Cabrillo file as well.

The Menu

Use the standard File menu to ‚Open', ‚Save' or ‚Save as' your contests. Once again: You can save your file wherever you want, but to make the file usable for RUMped it must be placed into the plugins folder.