

Technical Documentation
O. Import DW direct to R

Procedure to create an import file direct to the R system from DW Results.

This procedure is an emergency measure if the Notes system is not available.

The process assumes the data is provided as a spread sheet conforming to the previous standards

It will be necessary to change the format of the data. The objective is to generate new a flat file in CSV format with all the required columns.

The process combines columns from more than 1 DW spread sheet. The spread sheet is provided with each doubles crews shown on 2 lines. Ensure each boat is on one line.

1/ Copy the columns (Surname, Firstname, Sex and Club) and paste 1 row above on the right of the spread sheet. This is designed to add both crews to 1 row.

2/ Copy the age column and paste on the right of the spread sheet.

3/ The R system uses the header column to define a field. The order of the columns does not matter in R.

The resulting spreadsheet should have the fields below available from the initial DW system:-

Each set of class results may need to be processed separately but these will need to be joined for the R system.

Boat Number, Surname, Firstname, Sex, Club, Age, Surname, Firstname, Sex, Club, Age, Time, Place, Year, Class, Subclass, Subclass, Subclass, Subclass, Subclass, Subclass, Subclass, Subclass, Boat Type

A/ You will need to copy and insert the Year and Class to all rows in the spread sheet. Use the Class Names Provided by DW.

B/ Any place marked as equal must be changed to state the numerical place for both results. ie if Joint 3rd then both results should show 3 as the position.

C/ Remove any Team data and Sort the list by Boat Number. Copy the Boat Number Column to the right of the spread sheet.

D/ Open the Boat number spread sheet and copy the Boat Number and Boat Type columns to a new temp. spreadsheet. Remove the duplicates using the Excel function and copy the revised list onto the Results Spread sheet after the Last column.

E/ Align and Confirm the boat numbers match up and then delete the boat number columns. (Leaving the original boat number Column). The Boat Type should now be added to the spread sheet.

F/ Sort by position and remove all entries without a position (ie this will remove dsq and retired as well as unused boat numbers). NB The system only records completions. Note there are some exceptions to this rule but these can be typed in later if required.

G/ Check the data to ensure that there are no comma's in the columns. If there are any Remove them as they will add additional commas to the CSV file which may cause an error later.

H/ Save the File as an Excel format.

I/ NB This database lists a position for Endeavour crews. The Position may need to be added to the spread sheet before import. This can be done after a sort by the Endeavour event time.

The above process is similar to that used for the Notes system. Additional steps are now required to format the file for the R system

1/ Load the DW Template Code file included with the files in www

2/ The last columns will need to be completed by hand as they cannot be found from the DW results sheet.

Trophies, Record, Notes, Flow, Country

3/ Copy the DW Template Code file onto the DW file generated above onto the template code file and copy all the code from the 2nd row down to all rows. The file should then generate the additional data for the system. This file assumes data in the correct columns. Please ensure the columns have not changed.

Note This process is untested but is offered as a guide

Note The R system uses 1 file for all results. It will thus be necessary to add the new years data to the existing file or modify the R code to permit the appending of the file to the existing system.

Note The Paddler history shows crew pairs with flow. To enable all pairs to the identified the crews must be in the same order (alphabetic selected). This process does not generate an alphabetic listing for crews.

Note To enable members of the 1000 mile club to be identified all crew names must be identical (the CountIF function could do this if all results were on the same sheet). This would also require all crews (ie first and second named crews currently in two columns) to be placed in the same column in a separate file. Separate columns for crews would be required for Class numbers to be derived. There is no automatic process available at this time to enable name checking for either crews or clubs, other than sorting by name and a visual check.

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