

# T O: Regatta Scoring Program Users

**From:** Jacob van Heeckeren- 415-851-3060  
**Re:** Using The Program With Windows 95  
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There have been some questions on using the program from windows 95. This is how I use the program myself, and should work for you. Maybe this will help.

The Program requires that 575K of low memory is available on your computer to run the program. When using DOS 6.2 this is done using memmaker, or some other memory manager such as Qemm, or 386 Max. Type mem from the DOS prompt, and see if you get at least 575K of memory available for program execution.

In Windows 95, you must run the program in a DOS partition. This DOS partition may not have sufficient low memory available to run the program without assistance. For some it works OK, but for others it doesn't. On my computer it doesn't. It depends on how much stuff is configured to run on your computer.

To make the program work, you must disable the typical W95 GUI stuff, so that the computer boots up in 'true DOS mode', if there is such a thing in W95. Just exiting windows and selecting it to boot in DOS mode doesn't work for me, although it might for you. Try it and see.

What I do to make the program work (as well as most of my 16 bit programming - the debugger won't run under the W95 DOS partition) follows.

Somewhere on your boot up drive there is a protected (possibly 'hidden') system file MSDOS.sys. This file is usually located on the C drive in the root directory.

Sometimes on 'brand name' computers which use proprietary gobbledegook the file has a somewhat different name and may be located somewhere else. Laptop computers are often so afflicted. If not there, use the file finder to find it. If the name is different, look for a file with a somewhat similar name. It must end in .sys, and have the BootGUI line in it.

In this file is the line:

```
BootGUI=1
```

To make the computer boot up in 'true DOS mode', rewrite this line to:

```
BootGUI=0
```

Reboot the computer.

Then apply your memory manager (I use the 386Max which came with a compiler a long time ago, and does the job) and create an autoexec.bat and a config.sys file which recognize the memory manager.

Now reboot your computer, and you should be ready to go. Mind you that some W95 installations run the program without trouble of any kind in a straight DOS partition. Try that first. Then do the memory manager thing if it doesn't work.

The easiest way to do this is to create two 'source files'. Call one 'msdos.dos' and the other one 'msdos.w95' (or whatever you want to call them). Then copy these files to overwrite the msdos.sys file, depending on whether you want to use w95, or the scoring program. Then reboot your computer.

- The msdos.sys file as you get it is read only. You must first make it an ordinary read write file. You can do this through the properties thing after right clicking it in file explorer.
- Copy it as msdos.w95 to the same directory.
- Open the msdos.sys file in an ascii text editor (wordpad will suffice), and change the BootGUI=1 line to read BootGUI=0 and be careful not to add any characters to, or subtract any characters from the file. Just swap the 1 for a 0.
- Save the file.
- Copy the file as msdos.dos to the same directory.

For my own use, I have a little menu program (the same one which is included with the regatta scoring program), and I use it to call batch files which do the file copying for me.

Since every computer setup is just enough different, I have not included my autoexec.bat and config.sys files, because they could cause you more trouble than they might help you.

Let me know if you need more detailed help.

Oh yes, the menu program is called 'zmenu.exe' and is in the drive:\regatta directory. The external menu uses it. 'zmenu.exe' automatically calls 'menu' by default, which contains the stuff you see on the menu, and the name of the executable file which the menu selection needs. Very simple to use and set up. Take a look at this setup, and make your own little boot mode swapping menu.

Oh yes, you might want to use the file zsys.bat as well. When you escape out of the menu, it calls this file to give you a system prompt, etc.

Oh yes, again, if you call the menu with 'zmenu filename' then the menu file named 'filename' will be used, and not 'menu'. Thus you can have multiple menus in one directory.

Forget the 'Oh yes bit'. Note that zmenu is NOT a TSR. It is merely a keyboard stuffer, and is absolutely safe to use. It is a nice way of loading the command into the keyboard buffer, which the menu selection wants to execute. Then when the keyboard buffer has been 'stuffed' with the selection you made, the menu program exits and clears itself from memory. Then the keyboard buffer is executed by the command processor (command.com) exactly as if you had executed the menu command by typing it from the keyboard. Obviously you must make the last line of your command batch file re-start zmenu if you want to go from one menu to another.