SCSI Interface Tester

The scope of this program is to trace the different phases of the SCSI-Protocol. This program has been written because of the following reasons:

• Help a friend in debugging his SCSI-Interface on a 128K Macintosh.
• Add the missing 'Phase Trace' feature of **SCSI Tool™**
• Learn something about programmming on the Mac, including
   Windows,Dialogs, Controls, PICTs, PopUpMenus.

Before running this program, it' s a good idea to read **About the SCSI Manager** in **Inside Macintosh Volume IV** on pages 285 and 286.

Please note that you may only call Desk Accessories if you are in the **Bus Free Phase** of the SCSI-Protocol. That's why the Applemenu is disabled during other phases.

Multifinder Restriction

When running Multifinder, you may use the SCSI Interface tester with the following restriction in mind: **DO NOT switch to another application when you are not in the Bus Free Phase. You may switch to another application when you ARE in the Bus Free Phase.** To check this, look at the Status Box in the SCSI Working Window.
Unpredicable results may occur if you do switch when you are in a phase which is different to the **Bus Free Phase**. Background Tasks may want to read or write something to the harddisk. Since they use the SCSI-Manager indirectly, they will certainly get a **Phase Error** because you are playing with the SCSI-Manager and they want to do something, too. If you are in the **Bus Free Phase**, Background Tasks work properly. I have tried to compile a Project with **MPW** in the background, and the **SCSI Interface Tester** was in the foreground without doing anything. **MPW** continued to compile the project.

Macintosh specialists are encouraged to tell me the solution to the problem above, I wait for their ideas.

Note that the **SCSI ID** of your drive is between 0 and 6. 7 is the **ID** of the Macintosh.

This program has been written on a Mac Plus. It would be nice if Macintosh II users could tell me if it works properly on their MAC II's (Or tell me if it doesn't work)

I have implemented only a few commands. The format command is NOT implemented. Instead, it will do a SCSI Rezero if this option is checked on the PopUpMenu. This means that the commands do not alter the contents of your hardisk.

If you have to work or develop on SCSI devices, I recommend the following program:

SCSI Tool™

Arborworks, Inc.
431 Virginia Ave.
Ann Arbor
MI 48103

Arborworks does help you with your SCSI Problems. I recommend this program highly.

The **SCSI Interface Tester** has been written in TML Pascal II running under MPW 3.0.

Since this is my first Macintosh program, it would be great if you could tell me if the program is buggy or if it works correctly. Any suggestions are welcome. You can reach me on Compuserve:

ID # 73627,2325

Or under the following address:

Roger Feyereisen
46,rue Pierre Wiser
L-9092 Ettelbruck
Grand Duchy of Luxembourg (Europe)

I hope that my English wasn't too bad to understand. Again, thank you for any suggestions. They are welcome.