



## Game Guide Addenda

**Page 11, Bird's-Eye View:** You cannot give movement orders while in bird's-eye view. Right-click again on the telescope to leave bird's-eye view before issuing movement orders.

**Page 17, Chainshot:** British ships carry none.

**Page 17, Aim Point:** British and American ships default to the hull aim point when loading any type of shot. French and Spanish ships default to the rigging aim point when loading roundshot or chainshot, and to the hull aim point when loading doubleshot or grapeshot.

**Page 20, Crew on Guns:** If your crew on guns is below 6% but above 0%, the broadside will still fire but it will cause no damage.

**Page 30, Battle Summary:** You may return to the *Status* screen from the *Battle Summary* screen by pressing the spacebar. To get back to the *Battle Summary* screen, click on "Exit." ⚓

## Loading Instructions

### MINIMUM REQUIREMENTS

- 8 MB RAM (6 MB XMS free)
- 486DX or Pentium processor with a speed of 33MHZ or higher
- VESA-compliant SVGA card
- Double-speed CD-ROM drive
- Hard drive with at least 11 MB free space (29 MB for full install)
- 100% Microsoft™ compatible mouse (only)
- MS-DOS 5.0 or higher or Windows 95 (the game will NOT run from Windows 3.1)
- 100% SoundBlaster™ compatible (only)

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SoundBlaster is a registered trademark of Creative Labs, Inc.

**TECHNICAL SUPPORT: 1-410-426-9600**



## INSTALLING *WOODEN SHIPS & IRON MEN*

You must install *WOODEN SHIPS & IRON MEN* to your hard drive in order to play the game. Make sure you have at least 11 MB of free space on your hard drive. In the following instructions, **<RETURN>** means to press the **RETURN** or **ENTER** key on your keyboard.

### MS-DOS Users

1. You must be at a **C:\>** prompt. If you are currently in Windows 3.1, exit Windows and get to an MS-DOS prompt.
2. Place the *WS&IM* CD in your CD-ROM drive.
3. Log on to your CD-ROM drive by typing **X:** **<RETURN>**, where **X** is your CD-ROM drive letter.
4. Type **INSTALL <RETURN>**.
5. Choose either Full Install or Minimum Install.
6. The program will prompt you for the path in which to install the game. Press **<RETURN>** to accept the default, or backspace over it and type in your own. Press **<RETURN>** when finished.
7. After the game has finished installing, the setup program will run to configure the game for your sound card. Choose the correct settings, or you can have it auto-detect your settings for you.
8. When finished, the program will exit into the subdirectory in which *WS&IM* was installed. Type **WSIM <RETURN>** to run the game.
9. To run the game later, at your **C:\>** prompt, type **CD\WSIM <RETURN>**. (If you chose a different directory name, replace **WSIM** with that name.)
10. Your prompt should now read **C:\WSIM>**. Type **WSIM <RETURN>** to start. Enjoy the game!

### Windows 95 Users

1. Click on the **START** button, choose **PROGRAMS** from the menu, and select **MS-DOS PROMPT**.
2. Place the *WS&IM* CD in your CD-ROM drive.
3. Log on to your CD-ROM drive by typing **X:** **<RETURN>**, where **X** is your CD-ROM drive letter.
4. Type **INSTALL <RETURN>**.
5. Choose either Full Install or Minimum Install.
6. The program will prompt you for the path in which to install the game. Press **<RETURN>** to accept the default, or backspace over it and type in your own. Press **<RETURN>** when finished.
7. After the game has finished installing, the setup program will run to configure the game for your sound card. Choose the correct settings, or you can have it auto-detect your settings for you.
8. Type **EXIT <RETURN>** to return to Windows 95.
9. To run the game, click on your **START** button, choose **PROGRAMS** from the menu, and select **WINDOWS EXPLORER**.
10. In the left window of Explorer, scroll down to find the folder titled **WSIM** and double-click it.
11. In the right window, find the entry titled **WSIM** (the one with the ship icon) and double-click it. Enjoy the game!

## TROUBLESHOOTING

### Video Problems

If you are experiencing video problems such as a blank screen, lock-ups on the initial start screen, or mouse droppings, try using **WSIM /V <RETURN>** to start the game.

If you have a video card with less than 1 MB of video RAM, or if the game does not detect that your card has at least 1 MB of video RAM, try using **WSIM /M <RETURN>** to start the game.

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## DOS Boot Disk Instructions

If you are having problems running the game on a PC running MS-DOS, use the following instructions to create a boot disk for the game. A command enclosed in < > means to press that particular key on the keyboard. For example, <ALT> means to press the ALT key (on either end of the SPACEBAR).

You must first go to the DOS prompt (C:\>).

Type **C: <RETURN>**

Type **CD\ <RETURN>**

Type **FORMAT A: /S <RETURN>**

Place a disk in drive A: and press <RETURN>

When asked for a volume label, press <RETURN>, then type **N <RETURN>**

Type **TYPE C:\CONFIG.SYS <RETURN>**

Find the line on this screen which contains /D:  
Copy this line onto a piece of paper exactly as it appears on the screen. This will be referred to as your CD-ROM line.

If you have compressed a drive on your system with a utility other than DOUBLESPEACE or DRIVESPACE, find your COMPRESSION line on this screen. You may want to refer to the documentation supplied with the compression program for this information.

If you have used DOUBLESPEACE, your COMPRESSION line will be:

**DEVICEHIGH=C:\DOS\DBLSPACE.SYS /MOVE**

If you have used DRIVESPACE, your COMPRESSION line will be:

**DEVICEHIGH=C:\DOS\DRVSPACE.SYS /MOVE**

Now type **TYPE C:\AUTOEXEC.BAT <RETURN>**

Find the line on this screen which contains the word MOUSE. This line should begin with either a C:\ or an LH. Write down this line exactly as it appears. This will be known as your MOUSE line.

Find the line on this screen which contains the word MSCDEX.EXE or a /D: Write down your

MSCDEX line. If this line begins with C:\, add an **LH <SPACE>** to the beginning of the line. This line should now begin **LH C:\**

If you see lines which begin **SET SOUND**, **SET BLASTER**, or **SET GALAXY**, or contain the word **I16INIT**, **M16INIT**, **SNDINIT**, **SSINIT**, **DIAGNOSE**, or **MAGICS20**, write them down in the order they appear. These lines will be known as your SETTING lines (without these, you will not have sound).

Type **A: <RETURN>** (this should change your prompt to **A:\>**).

From the **A:\>** prompt, type **EDIT CONFIG.SYS <RETURN>**

You should see an empty blue screen with the word **CONFIG.SYS** centered at the top. If the blue field is not empty, press the <ALT> <F> <X> keys one at a time. If you are asked whether you would like to save the file, press <N> and then retry the **EDIT** command again, making sure your prompt says **A:\>**

Type the following lines on the blue screen, pressing <RETURN> after each line.

**DEVICE=C:\DOS\HIMEM.SYS**

**DOS=HIGH,UMB**

**DEVICE=C:\DOS\EMM386.EXE NOEMS**

**FILES=40**

**BUFFERS=20**

(Type in your COMPRESSION line if applicable)

(Type in your CD-ROM line if applicable)

(Type in your SOUND line if applicable)

Press the <ALT> <F> <X> <ENTER> keys one at a time.

From the **A:\>** prompt, type **EDIT AUTOEXEC.BAT <RETURN>**

You should again see the blue screen, but with the word **AUTOEXEC.BAT** at the top.

Type the following lines on the blue screen, pressing <RETURN> after each line.

**PROMPT=\$P\$G**

**PATH=C:\DOS**

(Type in your MOUSE line)

(Continued)



(Type in your MSCDEX line if applicable)  
(Type in your SETTINGS lines if applicable)  
C:

CD\WSIM  
WSIM

Press the <ALT> <F> <X> <RETURN> keys one at a time.

You have now created a *Wooden Ships & Iron Men* Boot Disk. Reboot the machine with this disk in drive A: whenever you want to play the game. Reboot without this disk in order to restore your normal configuration.

### Memory Problems

If you experience game crashes or lock-ups, go to a C:\> prompt and type **MEM <RETURN>**. Make sure you have at least 6000K of free extended memory (XMS). If you do not have enough XMS, go to the C:\> prompt and type **EDIT AUTOEXEC.BAT <RETURN>**. Look for the line that loads SMARTDRV.EXE and move your cursor to that line. Type **512** one space after the last symbol of the line. For example:

C:\DOS\SMARTDRV.EXE 512

WS&IM does not require expanded memory (EMS) to be configured. For optimal performance, EMS should be disabled. To disable EMS, go to the C:\> prompt and type **EDIT CONFIG.SYS <RETURN>**. Look for the line that loads EMM386.EXE and move your cursor to that line. Type **NOEMS** one space after the last symbol of the line. For example:

C:\DOS\EMM386.EXE NOEMS

Make sure you save the changes and reboot your system to accept the changes. ↵

## Game Testers

*Wooden Ships & Iron Men* went through some vigorous testing thanks to the many volunteers. We at Avalon Hill and Stanley Associates wish to thank everyone involved in the testing process.

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