

## **Extract from user's manual**

### **1.4 INSTALLATION**

In order to install and operate GYM, the minimum computer configuration needs to be at least;

- Windows 98, or Windows NT
- 16 mb RAM
- Pentium 233
- 256 colours
- Netscape Navigator/Internet Explorer is also recommended for full functionality of on-line **Help** and for access to the web-based **Tutorials** (in development).

The following is the recommended minimum for installation:

- Windows NT4, 98, 2000 or later
- 128Mb RAM
- Pentium III 1GHz or AMD equivalent

#### **1.4.1 GYM WITH GRAPHIC USER INTERFACE** (recommended)

When using the GYM in conjunction with the graphical user interface (Scenario Manager) for the first time, it is important to ensure that all associated files are correctly in place. The scenario manager requires a number of run-time files that provide grid functionality, etc. For this reason, the first time you install GYM, you install from CD-ROM, or download the full installation executable from the internet.

The installation software is capable of installing version 501 and later versions of the scenario manager, the required simulator kernel, and the documentation.

Installation can be performed from either CD-ROM, or downloading from the internet. The installation program on the CD-ROM (setup.exe) includes all of the required run-time dependencies. The AAD internet site permits download of the same installation software as on the CD-ROM.

#### **1.4.2 DATABASE RUN-TIME REQUIREMENTS**

The scenario manager utilises an Access database for storing scenario parameters and results. The database is accessed using Microsoft DAO. If you do not already have Access or database drivers installed, you will also need to install these separate to the application.

Note: the database access requirements are additional to the other grid (etc) components discussed above.

The CD-ROM permits this installation through the autorun program which should open when you insert the CD in the drive.

Internet users may download these components direct from Microsoft at:

<http://www.microsoft.com/data/download.htm>

You will need

- MDAC 2.6 or later
- Jet (Access) 4.0 for your operating system

### 1.4.3 OTHER RUN-TIME REQUIREMENTS

The run-time environment setup program (setuprt.exe) installs the following components:

- Grid control (for parameter entry and results viewing)
- Mail control (for online technical support in the scenario manager)
- Rich text control (for help)
- Common controls and common dialog control (for browse load, save, etc)

### 1.4.4 INSTALLATION LOCATIONS

CD-ROM install. The setup software is in the directory:

<cdromDrive>\GYM Program\setup.exe

The data access components are located in:

<cdromDrive>\GYM Program\Other\Data Access\setup.exe

For internet download, you must register at:

[http://www.aad.gov.au/marine\\_eco\\_software](http://www.aad.gov.au/marine_eco_software)

You may then choose to download any of the following components:

Type	Description	Name	Approx size
Installation	Full installation software	501bsetup.exe	5.5Mb
	501exe latest update	xsetup.exe	700k
Documentation	User manual and specs	GYM 501b Manual .doc/pdf	1.2Mb
Empty databases	Version 5.01	GY501.mdb	1.4Mb

Note that the installation software includes the database required and this user manual.

### 1.4.5 STARTING THE INSTALL

#### Install Using CDROM:

1. Insert GYM CDROM into the CD drive, and select **install** from the main window.
2. Follow the prompts in the autorun to start the setup program.
3. Can select database components.
4. Select install application

#### Install from Internet source:

You may start the installation manually by running the appropriate *setupxx.exe*

### 1.4.6 INSTALLATION OPTIONS

The setup software from CD or the internet is exactly the same.

The installation contains only a small number of options. You must first agree to the license conditions. Next, select the installation directory.

Again, click next, and you have a choice of the software version to install, and whether to install the documentation. Additionally, if you're repairing an installation or missed an option earlier, you may choose to install one or more of the scenario manager, database, and simulator kernel for a particular version.

Please note that the scenario manager and simulator will be overwritten automatically. If you already have a database present, you will be asked whether to overwrite or keep the currently installed database.

### 1.4.7 GYM FOR DOS

When GYM is to be used without the graphics interface then only the executable GYM501b.EXE is required to be copied. It should be placed in its own directory along with all of the input files that are to be used to run the program.

**Installing GYM for DOS**      Create a directory to hold the executable and all input and output files.  
Copy the file GYM501b.EXE into that file.  
Copy any input files (ending in \*.sim, \*.fsh, \*.rec, \*.bio, \*.str) into the same directory.

### TROUBLESHOOTING

If you are experiencing difficulties when installing or running the GYM, try one or more of the following tips:

- Close all running applications
- Verify that you have permission to create the installed directory and files, and registry editing is permitted. These options can be set by an administrator user on the computer to enhance security.
- Ensure all run-time files are present, including those installed by the main installation application and the database access components.
- If you are experiencing difficulties that you cannot overcome when installing the GYM, contact [gymtech@aad.gov.au](mailto:gymtech@aad.gov.au) for assistance.

## 1.5 UPGRADING

Once the GYM has been installed it can be upgraded to the latest versions. The installation program will install the latest version of all required files. Unless otherwise directed, later versions of the interface (GYIxxx.EXE), the simulator (GYMxxx.EXE) or the database (GYxxx.mdb) can be simply added into the program file directory, overwriting the existing files and then ensuring the settings are pointing to the right GYMxxx.EXE and database. It is recommended that the originals are backed up in case errors arise.

Existing data can be upgraded using the following techniques:

**Export/import of GY files**

As with previous versions, we've incorporated functionality to allow you to export a scenario as a ".GY" file. This contains all of the parameters required to recreate a scenario.

In your old version, export a scenario as a GY file, and then import in the new application version.

**Export/import of scenario files**

Version 5.01 and later of the scenario manager can import the GY simulator text input files for use.

**Database upgrade**

New functionality is available in version 5.01 and later which permits a database upgrade. This option is available from the splash screen (if your settings are incorrect), or through the File menu. A backup of your database will be created in the database's directory using this method.