

DEPARTMENT OF CONSERVATION AND LAND MANAGEMENT

POLICY DIRECTORATE

ADMINISTRATIVE INSTRUCTION NO. 42

Ref: 028340F2503

**MICRO COMPUTER HARDWARE AND SOFTWARE STANDARDS GUIDE**

The following standards should be referred to when considering the purchase of micro computer hardware and software. Due to staff limitations it is possible to provide support only for those items listed below. Support means training and advice or assistance with user problems.

The Department supports and will continue to support the following micro computers:

**1. Desktop Micro Computers**

- 1.1 NEC Power-mate. Models 1, 1 Plus, 2, 386SX and 386/20.
- 1.2 IBM PS/2 Model 50z only.
- 1.3 Olivetti. Models M18, M21, M24, M24SP.
- 1.4 ATARI PC3 only.
- 1.5 Cleveland PC11 only.
- 1.6 Apple Macintosh. All SE and Mac II models.

**2. Laptop Micro Computers**

- 2.1 NEC Multispeed only.
- 2.2 Epson most models.
- 2.3 Toshiba models T1200, T1600, T3200.

The Department will only support the above micro computers operating in the following operating system environments.

- 1. All above mentioned IBM and IBM compatibles under Microsoft disk operating systems (MS-DOS) 2.11 upwards to 4.01.
- 2. The Apple Macintosh operating system.

The Department has adopted the EPSON range of printers as a standard, because of previous experience with other brands and models of printers being completely incompatible with all software and hardware. Therefore the Department recommends and supports the following printers for IBM and IBM compatible micro computers:

**1. Dot Matrix Printers**

Epson. Models LQ1000, LQ1050, FX1050, FX105, FX1000, LQ850.

**2. Daisywheel Printers**

NEC Spinwriter. Models 8815, 8830, 8850.

**3. Low Cost Laser Printer**

Epson. Models GQ3500, GQ5000.

**4. Laser Printers**

Impact. Model LS800 II.  
Laserpro. Model "Silver Express".

**5. High Cost Postscript Laser Printers**

NEC. Model 890+.

The Department recommends and will support the following software packages for wordprocessing, database applications, desktop publishing and spreadsheets:

**1. Word Processing**

1.1 Ashton Tate Multimate. Versions 3.30, 3.60 and Advantage II.

1.2 Microsoft Word. Versions 3.0, 4.0 & 5.0.

**2. Desktop Publishing**

2.1 Xerox Desktop Publishing Series "Ventura" Versions 1.1 and upwards.

2.2 Aldus "Pagemaker" Desktop Publishing Environment Versions 1.0a upwards.

**3. Database Applications And Programming**

3.1 Ashton Tate Dbase III, III+ only.

3.2 DBXL Version 1.1 upwards.

#### 4. Spreadsheets

4.1 Imagineering Lotus 123 Versions 1.0a, 2.0, 2.01, 2.2, 3.0.

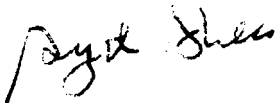
NOTE: Obviously all Departmental written software approved and registered with Computer Services will also be supported. Examples of this are:

STEM - Terminal Emulation

ADMIN - CALM Admin System  
- in the near future

#### Local Area Networks (LANs)

Apart from some developmental work with LANs currently being undertaken by Computer Services staff and the small LAN set up in Planning Branch, no further move into LANs will be made until more experience with LAN problems has been gained and extra staffing is available. Networking micro computers may appear to be very attractive to the user, but there are some important practical problems to be resolved before making a major move in this direction.



Syd Shea  
EXECUTIVE DIRECTOR

5 September 1989

Distribution: Lists A,B,D,E,F.