

– APPENDIX D –

# ERROR CODES

## GEMDOS/BIOS Errors

Upon return from most **GEMDOS** and **BIOS** functions, register D0 contains a longword error code describing the failure or success of an operation. The **BIOS** uses error codes -1 to -31 while **GEMDOS** uses error codes -32 and lower. A return value of 0 always indicates success. The error codes and their meanings are as follows:

| Name   | BIOS # | Meaning                     |
|--------|--------|-----------------------------|
| E_OK   | 0      | No error                    |
| ERROR  | -1     | Generic error               |
| EDRVNR | -2     | Drive not ready             |
| EUNCMD | -3     | Unknown command             |
| E_CRC  | -4     | CRC error                   |
| EBADRQ | -5     | Bad request                 |
| E_SEEK | -6     | Seek error                  |
| EMEDIA | -7     | Unknown media               |
| ESECNF | -8     | Sector not found            |
| EPAPER | -9     | Out of paper                |
| EWRITF | -10    | Write fault                 |
| EREADF | -11    | Read fault                  |
| EWRPRO | -12    | Device is write protected   |
| E_CHNG | -14    | Media change detected       |
| EUNDEV | -15    | Unknown device              |
| EBADSF | -16    | Bad sectors on format       |
| EOTHER | -17    | Insert other disk (request) |

| GEMDOS                    |      |                                 |
|---------------------------|------|---------------------------------|
| Name                      | #    | Meaning                         |
| EINVFN                    | -32  | Invalid function                |
| EFILNF                    | -33  | File not found                  |
| EPTHNF                    | -34  | Path not found                  |
| ENHNDL                    | -35  | No more handles                 |
| EACCDN                    | -36  | Access denied                   |
| EIHNDL                    | -37  | Invalid handle                  |
| ENSMEM                    | -39  | Insufficient memory             |
| EIMBA                     | -40  | Invalid memory block address    |
| EDRIVE                    | -46  | Invalid drive specification     |
| ENSAME                    | -48  | Cross device rename             |
| ENMFIL                    | -49  | No more files                   |
| ELOCKED                   | -58  | Record is already locked        |
| ENSLOCK                   | -59  | Invalid lock removal request    |
| ERANGE or<br>ENAMETOOLONG | -64  | Range error                     |
| EINTRN                    | -65  | Internal error                  |
| EPLFMT                    | -66  | Invalid program load format     |
| EGSBF                     | -67  | Memory block growth failure     |
| ELOOP                     | -80  | Too many symbolic links         |
| EMOUNT                    | -200 | Mount point crossed (indicator) |