EXHIBIT

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F A C S I M I L E

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DATE: 15 June 1989

FROM: Sue Nageotte, DRI Monterey
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RE: TIGER 2 BETA 3 STATUS REPORT

John,

Following our phone call this morning, in which you advised me that a
code freeze was being considered for Tiger 2, I was able to contact
roughly half of my beta sites. Most beta sites received Beta 3 late
last week. Their overall impression is that it is much more stable and
bug-free than Beta 2a. However, some fairly serious problems have been
discovered, as follows:

1. Beta 3 would not boot from the floppy diskette on a computer with
a new Seagate ST 296N SCSI hard drive, with the companion Seagate ST02
SCSI host adapter. This hard drive was not yet formatted; in order to
format under DOS, the machine must be booted from an MS/PC DOS floppy
diskette. As noted above, Beta 3 would not boot from the diskette.
(Pan Am Computer Center)

2. When accessing Iomega Bernoulli drive on first attempt, gets "I/O
error reading drive" "Abort, Retry, Ignore?" Retry always results in
successful access. Beta site is concerned customer confidence in the
product will be undermined unless corrected. (AT & T)

3. Delete *.* and Rename *.xxx continue to be extremely slow compared
to MS/PC DOS. Delete *.* from floppy diskette has improved considerably
since Beta 2a. One DRI user had an extended partition created with Disk
Manager, which he replaced with an extended partition created by DR DOS
FDISK. While installing GEM on the extended partition, he discovered
that COPY *.* to a 2nd level subdirectory (D:\GEMAPPS\FONTS) was much
slower than previously. Upon experimenting, he found that performance
seems to be related to the size of the subdirectory. With more than
200 files in a directory, a rename of 80 files took over one minute,

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while this same activity took less than 3 seconds under PC DOS 3.30. Renaming in the root or first level subdirectory does not seem to be hampered.

Overall, hard drive performance continues to receive complaints, with comments ranging from "DR DOS seems to do a lot of thrashing around before it finds files," to "you need to support multi-track reads and writes," to "shoot it and take it out of its misery." (DRI Monterey, Ampro, Pan Am, NY State Health Dept.)

4.   Using COPY *.* to copy diskettes to the hard drive, frequently will get error message "Destination disk full." Hard drive has less than 300 files total, and more than 30 MB remaining on the partition. (Pan Am)

5.   Beta 3 BACKUP /s on a specified directory (GENAPPS), restore fails midway through first subdirectory on the directory. Backup disks are available which demonstrate the problem. (DRI Monterey)

6.   Beta 3 RESTORE prompts user "Insert backup disks into drive D:" for same backup as noted in 5 above. (DRI Monterey)

7.   Beta 3 Install puts data from file DRLOADER.SYS in last 3 sectors of root directory; directory entry pointers point to areas on disk that have not yet been written to. Deleting DRLOADER.SYS from floppy before install corrects problem. (Ampro)

8.   Error message during install "Can't find REPLACE" - apparently this has been moved to first disk, no longer on second. (DRI Monterey)

9.   Release notes mention new SETUP feature - however, no SETUP utility on disk and typing SETUP at command line gives "unrecognized command." Where is SETUP? How is it used?

10. Beta 3 still incompatible with SCSI hard drives which use Disk Manager to augment the BIOS. (Valued Systems)

Many of the above will be submitted as SPRs; many remain outstanding from previously submitted SPRs. I will attempt to contact my remaining beta sites tomorrow. Based on the above, however, I would request at least a full additional week for testing and corrections before code is frozen.

In my opinion, problems with Backup/restore, Delete/rename, and SCSI hard drive compatibility MUST be corrected before we even consider shipping Tiger 2.

Respectfully,

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