

Cover Letter for VAXstation™ 3100, Model 76 System

EK-VMS31-CL

The following release notes apply to the VAXstation 3100 Model 76 system:

- **Mouse Performance**—The mouse included with the VAXstation 3100 Model 76 system uses two "feet" (one for moving horizontally and one for moving vertically) instead of a ball. For optimum performance with this type of mouse, choose **Pointer ...** from the Session Manager's **Customize** menu. Then, set the mouse speed (Pointer Acceleration) in the **Customize Pointer** dialog box to **Fast**, instead of **Medium** (which is the default setting required for a mouse with the ball design).

Mouse performance, including improved diagonal movement, will be addressed in a future version of DECwindows.™ Mouse performance on systems running VMS™ Workstation Software (VWS) is unaffected.

- **Upgrading with SPX Graphics**—If you upgrade your system to a VAXstation 3100 Model 76 with an SPX graphics option and the system fails to boot (that is, if it crashes and generates a DECwindows-specific, fatal internal error), do the following:

- If you are booted into a cluster, contact the system manager and request that the **SYSGEN** parameter **SPTREQ** be set to 2800.
- If you are not booted into a cluster, do the following:
 1. Halt the system.

2. At the prompt (**>>>**), enter the following:

```
>>> B/I device-name
```

Substitute the device name of the system disk for *device-name*. For example, to boot from a drive with a device name of **DKA400**, enter the following command and press **RETURN**:

```
>>> B/I DKA400
```

(See *VMS Installation and Operations: VAXstation 3100, MicroVAX 3100 Series* for more information about device names and booting the system.)

3. At the next prompt (**SYSGEN>**), enter the following:

```
SYSGEN> SHOW SPTREQ
```

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4. If the value is 2800 or more (and the system failed to boot), submit a QAR. If the value is less than 2800, enter the following:

```

SYSGEN> D C
SYSGEN> SET SPTRRQ 2800
SYSGEN> EXIT

```

The system should resume booting normally.

This behavior (system crash while upgrading with SPX Graphics) will be corrected in a future release of the VMS operating system.

- **AUTOGEN**—The default AUTOGEN parameters set LOCKDIRWT to 1. To avoid potential performance problems, set LOCKDIRWT to 0.
- **System Crash**—If your system crashes and your subsequent ANALYZE/CRASH and SHOW STACK commands generate a display in the stack that includes SYSLOA+00D2C, ignore that specific output and reboot the system. The system should resume normal operations. This behavior will be corrected in the next maintenance release of the VMS operating system. A sample display follows:

```

$ ANALYZE/CRASH SYSDUMP.DMP
VAX/VMS System dump analyzer

*SDA-W-NOTSAVED, global pages not saved in the dump file
*SDA-W-NOTSAVED, processes not saved in the dump file
Dump taken on 1-JAN-1990 00:00:00.00
UNXINTENC, Unexpected interrupt or exception

SDA> SHOW STACK

CPU 00 Processor stack
-----
Current operating stack (INTERRUPT):

808751D8 00000000
808751DC 00000000
808751E0 80C0AAC0 SCSSCQ_CONFIG
808751E4 FFFFFFFF
808751E8 00000000
808751EC 808751F0
808751F0 805C2F5C SYSLOA+00D2C
808751F4 041A0000

SP -> 808751F8 800030F0 SCR$SCHED
808751FC 04083000
SDA> EXIT
$

```