

AID III  
DEBUGGING PROGRAM  
Release Bulletin

DA FORM 207-0 7-79

## I. INTRODUCTION

This bulletin releases updated versions of existing AID Debugging Programs for 8K, 16K, 24K, and 32K systems. These new versions maintain all previous commands and capabilities, and will support both V75 and non-V75 systems.

## II. REFERENCE DOCUMENTATION

- A. VARIAN 72 SYSTEM HANDBOOK (98A9906200)
- B. VARIAN 73 SYSTEM HANDBOOK (98A9906010)
- C. VARIAN 620 100's COMPUTER HANDBOOK (98A9905004)
- D. VARIAN SOFTWARE HANDBOOK, VOLUME 1 (98A9952201)

## III. UPDATES

In addition to the existing documentation, in Section II above, the following updates to AID are now effective:

### A. NEW COMMANDS

- 1. M Displays (prints) the starting location of the 64 word mag tape buffer. To change the buffer location, type in the desired address and terminate with a period. The default location is starting location of AID - 64 i.e., (0X6000-0100).
- 2. Qx. Display the contents of the V75 registers (Q0 through Q7). Q0 through Q2 are the normal A, B, and X pseudo registers. To change the contents of a register type in the desired octal number and terminate with a period.

### B. USAGE EXAMPLES

#### 1. M Command Usage

Display the mag tape buffer start address:

M (075700) .

Display and change the mag tape buffer address:

M (075700) 500.

## 2. Qx. Command Usage

To display a pseudo register/register in a V75 system:

Q0. (142340).  
Q1. (142340).  
Q2. (001000).  
Q3. (001000).  
Q4. (006003).  
Q5. (006003).  
Q6. (142340).  
Q7. (142340).

To display and change the contents of a pseudo register  
in a V75 system:

Q0.	(010454)	10406.
Q1.	(010454)	10406.
Q2.	(010454)	10406.
Q3.	(006016)	0.
Q4.	(006016)	0.
Q5.	(006016)	1.
Q6.	(007413)	10405.
Q7.	(007413)	10431.

## IV. PART NUMBERS

The following are new part numbers assigned:

8K systems - 92( )0207011  
16K systems - 92( )0207012  
24K systems - 92( )0207010  
32K systems - 92( )0207009

