HEWLETT PACKARD

HEWLETT-PACKARD COMPANY
LOGIC SYSTEMS DIVISION

HP 64000
Logic Development
System

SYSTEM RELEASE BULLETIN

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SSSSS      RRRRRR      BBBBBB
S     S    R     R     B     B
S          R     R     B     B
  SSSSS    RRRRRR      BBBBBB
       S   R   R       B     B
S      S   R    R      B     B
  SSSSS    R     R     BBBBBB
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SYSTEM RELEASE BULLETIN

64000 Logic Development System

JUNE   1986

This System Release Bulletin (SRB) documents all fixes and
enhancements that are incorporated in the latest release of
software for the 64000 Logic Development System.

The SRB is provided as a benefit   of Hewlett-Packard's
Software Support Services.

The five sections of the SRB are:

    SOFTWARE RELEASE CONTENTS - lists the new revision
      codes for the 64000 products.

    PRODUCT INDEX - lists product names and numbers which
      are included in this issue.

    KPR NUMBER INDEX - sequential list of SR numbers.

    KEYWORD INDEX - brief description of each SR.

    KNOWN PROBLEM REPORTS - the actual reports.

Software release contents

Product name	Product number	uu.ff
*8086 DQ SW ANAL	64332B	01.02
*8086 EMULATION	64222	01.07
*8088 DQ SW ANAL	64333B	01.02
*8088 EMULATION	64226	01.08
*F9450 EMULATION	64286	01.02
*OPERATING SYSTEM	64100	02.04
*OP_SYS HP-UX / 300	64883	01.00
*RS-232 TRANSFER 300	64885	01.00
*Z8001 EMULATION	64232	02.00
*Z8002 EMULATION	64233	02.00

Product index

Report number index

Keyword index

8086 DQ SW ANAL -

Keyword	Product number	uu.ff	Description	Report #	page
********none********	64332B	01.01	HIGH LEVEL DQ ANALYZERS ONLY ALLOWS 1 MEASUREMENTS	D200049619	1

- 8086 EMULATION -

Keyword	Product number	uu.ff	Description	Report #	page
********none********	64222	00.00	'WAIT' instruction occurs twice when logging commands in emulation.	D200014910	2
INSTRUCT. EXECUTION	64222	01.06	Load memory command while in monitor would change the current CS and IP.	5000096255	2

- 8088 DQ SW ANAL -

Keyword	Product number	uu.ff	Description	Report #	page
********none********	64333B	01.01	HIGH LEVEL DQ ANALYZERS ONLY ALLOWS 1 MEASUREMENTS	D200049627	3

- 8088 EMULATION -

Keyword	Product number	uu.ff	Description	Report #	page
ANALYSIS	64226	01.07	Internal analysis only displays lower data byte with the 64226 - 8088 Em	D200032409	4
DISASSEMBLER	64226	00.07	Error in trace disassembly for certain combinations of instructions	D200003772	4

- F9450 EMULATION -

Keyword	Product number	uu.ff	Description	Report #	page
********none********	64286	01.00	Inverse Assembler hangs up station when decoding SOJ instruction	D200047910	5

- OPERATING SYSTEM -

Keyword	Product number	uu.ff	Description	Report #	page
********none********	64100	00.00	Linker output file should use alternate file extension.	D200049593	7
	64100	02.00	Asmb records do not get formatted if symbol starts with unders=I	D200045369	6
	64100	02.02	"while find" command in cmd file hangs station	5000119800	6
	64100	02.02	EDITOR GETS CONFUSED WHEN "COPY THRU START" FROM START LINE IS INVOLKED	D200045385	6
	64100	02.02	AN AUTOTAB SET TO A COLUMN >204 WILL AUTOTAB TO THE COLUMN BEFORE	D200047308	6
	64100	02.02	DELETING LINES IN A CERTAIN WAY WILL CAUSE THE DISPLAY TO GET LOST	D200047316	6
	64100	02.02	Restore from DC-600 cauaes 64000 MASTER CONTROLER to reboot.	D200048132	6

Number: D200049619 Product: 8086 DQ SW ANAL   64332B   01.01

One-line description:
HIGH LEVEL DQ ANALYZERS ONLY ALLOWS 1 MEASUREMENTS

Problem:
If a customer is using the 8086 DQ or the 8088 DQ emulator with
these products. Attempting to make more than 1 measurement
results in a hang-up which requires the user to reset-reset
out of the analyzer.

Temporary solution:
The user must end out of analyzer after every measurement and
re-enter to make another measurement.

Signed off 04/28/86 in release B01.02

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- 8086 DQ SW ANAL -

Number: 5000096255 Product: 8086 EMULATION   64222   01.06

Keywords: INSTRUCT. EXECUTION

One-line description:
Load memory command while in monitor would change the current CS and IP.

Temporary solution:
The preferred temporary workaround is always specifying the run command
in the form of "run from (CS):(IP). The values for CS and IP should be
those shown in the display when the registers are displayed.

Signed off 04/18/86 in release 201.07

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Number: D200014910 Product: 8086 EMULATION   64222   00.00

One-line description:
'WAIT' instruction occurs twice when logging commands in emulation.

Problem:
When logging emulation commands to a logfile, any WAIT instructions are
recorded twice. This is not true for the State or Timing measurement
modules and thus the problem is probably in emulation software rather
than Meas_sys. (This problem is seen in other, probably all emulators).

Signed off 04/18/86 in release 201.07

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- 8086 EMULATION -

Number: D200049627 Product: 8088 DQ SW ANAL   64333B   01.01

One-line description:
HIGH LEVEL DQ ANALYZERS ONLY ALLOWS 1 MEASUREMENTS

Problem:
If a customer is using the 8086 DQ or the 8088 DQ emulator with
these products. Attempting to make more than 1 measurement
results in a hang-up which requires the user to reset-reset
out of the analyzer.

Temporary solution:
The user must end out of analyzer after every measurement and
re-enter to make another measurement.

Signed off 04/28/86 in release B01.02

Number: D200003772 Product: 8088 EMULATION   64226   00.07

Keywords: DISASSEMBLER

One-line description:
Error in trace disassembly for certain combinations of instructions

Problem:
During the execution of certain combinations of instructions the
fetching of a byte of the immediate operand may occur outside the search
limit of 10 of the inverse assembler. This will cause the inverse
assembler to incorrectly disassemble the trace information.

Signed off 04/18/86 in release 601.08

Number: D200032409 Product: 8088 EMULATION   64226   01.07

Keywords: ANALYSIS

One-line description:
Internal analysis only displays lower data byte with the 64226 - 8088 Em

Signed off 04/18/86 in release 601.08

Number: D200047910 Product: F9450 EMULATION   64286   01.00

One-line description:
Inverse Assembler hangs up station when decoding SOJ instruction

Signed off 04/18/86 in release 601.02

- F9450 EMULATION -

Number: 5000119800 Product: OPERATING SYSTEM   64100   02.02

One-line description:
"while find" command in cmd file hangs station

Signed off 04/18/86 in release 002.04

Number: D200045369 Product: OPERATING SYSTEM   64100   02.00

One-line description:
Asmb records do not get formatted if symbol starts with unders=I

Signed off 04/18/86 in release 002.04

Number: D200045385 Product: OPERATING SYSTEM   64100   02.02

One-line description:
EDITOR GETS CONFUSED WHEN "COPY THRU START" FROM START LINE IS INVOLKED

Signed off 04/18/86 in release 002.04

Number: D200047308 Product: OPERATING SYSTEM   64100   02.02

One-line description:
AN AUTOTAB SET TO A COLUMN >204 WILL AUTOTAB TO THE COLUMN BEFORE

Signed off 04/18/86 in release 002.04

Number: D200047316 Product: OPERATING SYSTEM   64100   02.02

One-line description:
DELETING LINES IN A CERTAIN WAY WILL CAUSE THE DISPLAY TO GET LOST

Problem:
DELETING LINES IN A CERTAIN WAY FROM A CERTAIN FILE CAUSES THE DISPLAY
TO GET LOST.

IE DISPLAYING MEMORY WHICH IS NOT THE EDITOR BUFFER

RANDY WESTRA (X2165) HAS A FILE WHICH CAUSES THE ERROR.

Signed off 04/18/86 in release 002.04

Number: D200048132 Product: OPERATING SYSTEM   64100   02.02

One-line description:
Restore from DC-600 cauaes 64000 MASTER CONTROLER to reboot.

Problem:
When restoring from a DC-600 cartridge, after the restore is
complete, the 64000 MASTER CONTROLER RE-BOOTS before unloading
the tape.

Temporary solution:
Restore from the switches on the front panel of the Drive unit.

Signed off 04/18/86 in release 002.04

- OPERATING SYSTEM -

Number: D200049593 Product: OPERATING SYSTEM   64100   00.00

One-line description:
Linker output file should use alternate file extension.

Signed off 04/18/86 in release 002.04

- OPERATING SYSTEM -

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