

FIRST CLASS MAIL

Installation Engineering Handbook 269  
Western Electric Company, Incorporated  
Northern Illinois Works

UIS Section 660  
1-13-78  
Replaces: UIS 660  
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URGENT INFORMATION OR INSTRUCTION SUPPLEMENT  
NO. 3 ESS  
OPERATIONAL TESTING  
GENERAL INFORMATION  
LOAD APPLICATION AND VOLUME

CONTENTS

1. GENERAL

1.1 This UIS is intended to provide information on a program problem in the ITE 5664 Computerized Volume Test Set Program Tapes and the method of correcting this problem.

2. PROBLEM

2.1 A timing problem for dial pulse calls exists in the volume test program (ITE 5664, List 4 - VOLM Field 0 and ITE 5664, List 5 - VOLM Field 1 Program Tapes). This problem will probably result in intermittent ringing failure messages ("NO RINGING") for dial pulse originated calls on the teletypewriter associated with the ITE 5649 test set.

2.2 The following 2-word overwrite must be applied to fix this problem.

<u>ADDRESS</u>	<u>OLD DATA</u>	<u>NEW DATA</u>
01347	0005	0007

After the volume test program has been loaded, use the overwrite procedure contained in Table A to apply these overwrites. These overwrites will have to be reapplied each time the volume test program is loaded.

NOTICE - NOT FOR USE OR DISCLOSURE OUTSIDE THE  
BELL SYSTEM EXCEPT UNDER WRITTEN AGREEMENT

TABLE A  
OVERWRITE PROCEDURE

<u>Step</u>	<u>Procedure</u>
1.	Load the test program to be overwritten into core memory, if it is not already loaded. Refer to TMO 5649 for loading procedures.
2.	If the PDP-8/E is running, (i.e., RUN lamp on) momentarily lower the HALT key.
3.	To load the memory field of the overwrite, lower all of the switch register switches and then set switch register bit 8 according to the most significant digit of the "ADDRESS" of the overwrite. Depress the EXTD ADDR LOAD key. (When a switch is in the UP position, it denotes a binary 1 and in the down position, a binary 0.)
4.	Load the switch register switches with the octal data from the "ADDRESS" of the overwrite and depress the ADDR LOAD key.
5.	Check the "OLD DATA" by depressing the EXAM key. Rotate the INDICATOR SELECTOR switch to the MD position. Verify that the "OLD DATA" word displayed is correct. If consecutive addresses are involved in the overwrite, successively depressing the EXAM key will automatically increment the address and display the data.
6.	Depress the ADDR LOAD key again to return to the address which was loaded.
7.	Load the switch register switches with the octal data from the "NEW DATA" of the overwrite and raise the DEP key. Verify that the data word displayed is correct. If consecutive addresses are involved in the overwrite, load the next data word from the "NEW DATA" of the overwrite and raise the DEP key again.
8.	Repeat steps 3 through 7 for each segment (block of consecutive addresses) of the overwrite. When all addresses indicated have been overwritten, start the test program. Refer to TMO 5649 for the starting procedure.

Manager, ESS Installation  
and Field Engineering

Reason for Reissue:

To correct overwrite so trunk calls  
from TT line are not affected.

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