IDENTIFICATION

PRODUCT CODE: MAINDEC-08-DHRKD-D-D

PRODUCT NAME: RK8E/RK8L DISK FORMATTER PROGRAM

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MAINTAINER: DIAGNOSTIC ENGINEERING

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TABLE OF CONTENTS

1. ABSTRACT

2. RESTRICTIONS

2.1 HARDWARE

2.2 PROGRAM STORAGE

3. PRELIMINARY PROGRAMS

4. OPERATOR AND/OR PROGRAM ACTION

4.1 STANDARD TEST PROCEDURE

4.2 RK05J DRIVE CARTRIDGE MOUNTING PROCEDURE

4.3 RK05F DRIVE SETUP PROCEDURE

4.4 FORMAT PROGRAM

4.5 SWITCH REGISTER SETTINGS

5. ERRORS

6. PROGRAM DISCRIPTION

7. APT-8 HOOKS

8. PROGRAM LISTING

9. CONSOLE PACKAGE ADDENDUM

1. ABSTRACT

THE RK8E/RK8L DISK FORMATTER PROGRAM IS DESIGNED TO WRITE AND CHECK THE FORMAT OF THE COMPLETE DISK CARTRIDGE.

ONLY STANDARD DEC SURFACE FORMAT IS AVAILABLE (I.E. SECTORS NUMBERED IN THE NORMAL NUMERICAL SEQUENCE 0, 1, 2, 3, 4, 5, ETC.).

2. RESTRICTIONS

THE RK8L CONTROL,WHICH CAN CONTROL UP TO 8 DRIVES,WILL NOT RUN WITH THE DW8E BUS ADAPTER. THE REASON FOR THIS STATEMENT IS THAT THE RK8L CONTRUL USES LOT0 FOR EXTENDED DRIVES 4-7 WHICH IS NOT AVAILABLE ON THE DW8E.

2.1 HARDWARE

A. PDP-8/E,8/F,8/M OR 8/A COMPUTER
   OTHER FAMILY OF 8 COMPATIBLE COMPUTER WITH NECESSARY DW8E BUS ADAPTER FOR RK8E CONTROL ONLY.

B. AT LEAST 4K OF READ/WRITE MEMORY. AT LEAST 8K OF MEMORY IS NEEDED FOR OPERATION OF THE CONSOLE PACKAGE.

C. ASR-33 TELETYPE OR EQUIVALENT

D. RK8E DISK CONTROL OR RK8L DISK CONTROL
E. RK05J OR RK05F DISK DRIVE(S)

NOTE: THE RK05F'S DRIVE IS CONSIDERED AS TWO SEPARATE UNITS. WHEN ANSWERING ALL QUESTIONS EACH SERPARATE UNIT MUST BE SPECIFIED: DSK0?, DSK1?, DSK2?, ETC.

2.2 PROGRAM STORAGE

THE PROGRAM UTILIZES OR OCCUPIES LOCATIONS 0000 TO 4177 OF THE CURRENT FIELD.

3. PRELIMINARY PROGRAMS

THE FOLLOWING PROGRAMS SHOULD BE RUN IF THE FORMATTER PROGRAM FAILS TO OPERATE CORRECTLY:

ALL BASIC AND EXTENDED MEMORY DIAGNOSTICS

FOR THE RK8E CONTROL,RUN THE RK8E DISKLESS CONTROL TEST AND THE RK8E DRIVE CONTROL TEST.

FOR THE RK8L CONTROL,RUN THE RK8L INSTRUCTION TEST.

4. OPERATOR AND/OR PROGRAM ACTION