

ADMINISTRATIVE-INTERNAL USE ONLY

DATA CENTER OPERATIONS BRANCH

NDS OPERATIONS PROCEDURE MANUAL
NO. P-A010

SYSTEMS SW & HW
14 December 1983

AMPERIF DISC CONTROLLER I STRING
TESTING WITH ALL DRIVES

SYMBOLIC TITLE: N/A

ORIGINATOR:

STAT

ADMINISTRATIVE-INTERNAL USE ONLY

ADMINISTRATIVE-INTERNAL USE ONLY
CLASSIFICATION

DOCUMENT CHANGE REQUEST (DCR)		DCR NO: <u>0006</u> DATE LOGGED: _____ DATE CLOSED: <u>1/25/84</u>	
TITLE <u>DCI Testing w/all Drives</u>		NO. _____	
INITIATOR <u>[Signature]</u> SECTION <u>SPS</u>		(IF NEW, ASSIGNED BY TSS) DATE <u>10/3/83</u> PH <u>[Signature]</u>	
TECHNICAL MONITOR _____ SECTION _____		DATE _____ PHONE _____	
SYSTEM AFFECTED: _____		COINS _____ RTMS _____ OTHER _____	
BRANCH CHIEF SIGNATURE <u>[Signature]</u>		DATE <u>7 Nov 83</u>	
INITIATING DOCUMENT NO.: DR # _____ RFC # _____ OTHER _____			
NEED FOR CHANGE: Procedure to allow the AMPERIF CE's to test the "DCI" disc controllers with all disc drives.			
DCOB INTERIM APPROVAL		DATE <u>11/4/83</u> CONCUR <u>✓</u> NON-CONCUR _____	
C/DCOB:		DATE <u>14 Dec 83</u> CONCUR _____ NON-CONCUR _____	
CERB:		DATE <u>14 Dec 83</u> CONCUR <u>✓</u> NON-CONCUR _____	
C/DCOB:		DATE <u>14 Dec 83</u> CONCUR <u>✓</u> NON-CONCUR _____	
C/SB:		DATE <u>14 Dec 83</u> CONCUR <u>✓</u> NON-CONCUR _____	
C/PB:		DATE <u>14 Dec 83</u> CONCUR <u>✓</u> NON-CONCUR _____	
SIGNATURE _____		DISAPPROVED _____	
		DATE <u>12/15/83</u>	

ADMINISTRATIVE-INTERNAL USE ONLY
CLASSIFICATION

ADMINISTRATIVE-INTERNAL USE ONLY

DATA CENTER OPERATIONS BRANCH

NDS OPERATIONS PROCEDURE MANUAL
No. P-A010

SYSTEMS SW & HW
14 December 1983

PURPOSE

1. This procedure should be followed to insure that AMPERIF CEs can test the Disc Controller I (DCI) String in a manner that will prevent the corruption of user data.

REFERENCES

2. None

RESPONSIBILITIES

3. The DCOS Team Supervisor, in coordination with the Operations Control Officer, is responsible for carrying out this procedure in support of the AMPERIF CEs. Also, an operator must be on the console at all times while AMPERIF is testing.

PROCESSING

4. The following steps must be taken (CAUTION: THIS TEST MUST HAVE PRIOR APPROVAL BY THE OCO SINCE EXECUTING THIS PROCEDURE WILL FORCE A JUMP KEY 13 BOOT UPON COMPLETION.):

A. Run the Backup Master Runstream - ST BACKUPMASTER.

B. Run the Save All Runstream - ST SPS*\$\$RUN.SECURE-SAVE,,,UNIVAC.

If the SECURE run FINS normally procede to Step C. If the SECURE run error FINS, contact Systems Programming Section (SPS) for problem resolution prior to continuing.

C. Place all drives in the READ-ONLY mode on the DCE, DCF, DCG, and DCH strings.

D. Perform a disc boot to DIO with only the DCI drives, prior to entering the date and time, by keying in:

DN,ALL DCEO
DN,ALL DCFO
DN,ALL DCGO
DN,ALL DCHO

E. Answer 'N' to the "INITIALIZE TIP" message. The system is now ready to support AMPERIF testing. There are two files on the DCI string that contain the AMPERIF CEs diagnostic routines: AMP*AMP and CED*AMP.

1
ADMINISTRATIVE-INTERNAL USE ONLY

ADMINISTRATIVE-INTERNAL USE ONLY

- F. Following AMPERIF testing, perform a Jump Key 4, 13 Boot from tape to DIO using the Jump Key 13 Boot procedure and the latest M&A boot tape. Clear the READ-ONLY mode from all of the DCE, DCF, DCG, and DCH drives. Prior to entering the date and time, key in DN DI3 to remove this drive from the system. If the "VOL1" label from DIO, DI1, or DI2 has been corrupted, call SPS for support. This condition will be indicated by the following message:

DIO PACK REQUIRES PREPPING

ADMINISTRATIVE-INTERNAL USE ONLY