

SOFTWARE UPDATE

NOTICE
9200/9200 II
9300/9300 II

RELEASE _____ **Memo # 147 Update # 3**

DATE _____ **JUNE, 1975**

**PRODUCT: 9200/9200II/9300/9300II
8411/8414 DNCOS REV. # 5.0.3**

DISTRIBUTION

To Lists SA, RS, UA, UB, 174, 175, 176, 177, 178, 179,
184, 185, 186, 187, 188, 189, - Memo

**PHILADELPHIA DEVELOPMENT CENTER
SOFTWARE DEVELOPMENT SUPPORT
BLUE BELL, PA**

SPERRY UNIVAC
COMPUTER SYSTEMS

<u>A. SOFTWARE UNIT:</u>	<u>Rev.</u>	<u>Card Count</u>
8411/8414 DNCOS	5.0.3	
SAM?OPN2 relocatable element		25

B. REASON FOR RELEASE:

To provide solutions to problems encountered in OS-500 and in Sequential Access Method (SAM) IOCS in the DNCOS 5.0 release.

C. PROBLEMS AND SOLUTIONS:

1. Supervisor Macro (SUPR)

- a. If the ALTR or SIZE parameters were incorrectly specified, the production of the precautionary diagnostic caused a Supervisor to be generated which would cause a PROC ABN to occur when used.
- b. Inconsistencies between the specification of BUFF=TAPE and the omission of the tape channel specification failed to cause Supervisor generation to abort.
- c. After an inquiry program which had been loaded through an EXEC statement in the control stream issued an EOQ request, a PROC ABN could occur.
- d. The system monitor failed to disable its clocking routine when starting a rollout/rollin sequence, causing the system to hang or PROC ABN to occur in a heavy inquiry environment.

These problems may be corrected by applying the following LIBS patches to correct the Supervisor Macro, then regenerating the OS-500 Supervisor:

```

▽ FIND  MACROLIB/UNIVAC/EXECMODL/SUPR
▽ COR   36
▽ COR   166
LK37   SET   1
▽ COR   273
▽ COR   1769
M?S1   DS    $H
        DO    &ROLL=YES
        SPSC  R0?SPSC,$          SAVE PROC PSC
        ENDO
        TM    E$FLAGS,E$LOC      LOCATOR/LOADER BUSY ?
▽ COR   1775
▽ COR   1849
M?N32  MVI   M?CI+1,240    DISABLE MONITOR CLOCKING
▽ COR   8427
VER?   EQU   X'35'          V35 - 6-16-75
▽ INS

```

2. Sequential Access Method IOCS

When adding to a sequential file, the SAM IOCS would sometimes fail to overlay the end-of-file record which previously existed, and would start adding data after the EOF. This problem can be corrected by obtaining the updated relocatable element, SAM?OPN2, adding it to your SYSFILE in place of the previously released element of that name, and rerunning TRAN to update your TRANSCYL. You do not need to recompile or reassemble any programs to correct this problem unless you have created Assembler language programs whose SAM IOCS (DSPIT) was generated with the keyword parameter NONT=YES specified. If this is the case, you may correct the add problem by omitting the NONT parameter when reassembling, OR by ordering the updated tape/disk #1, which contains an updated DSPIT source module.