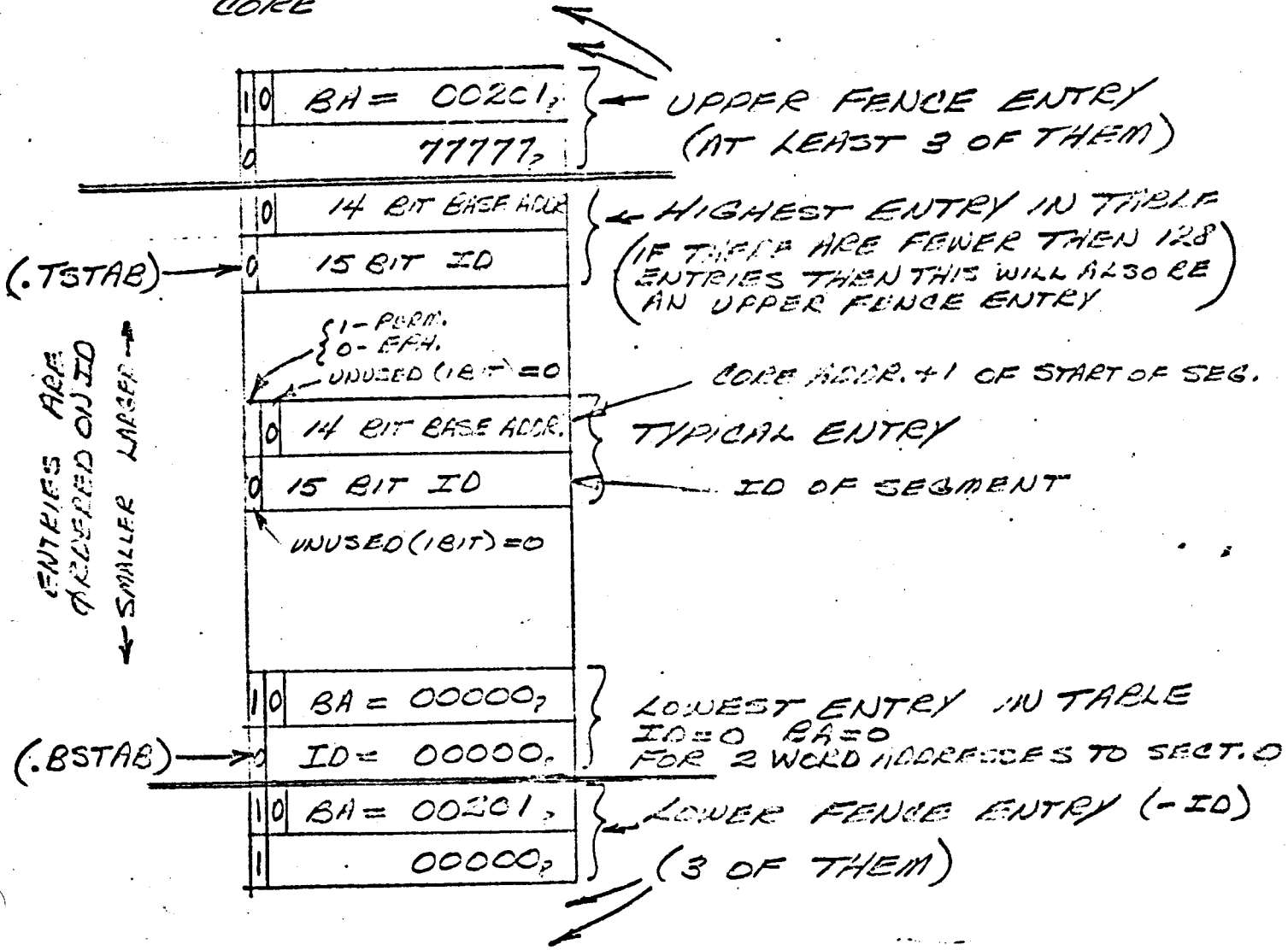


16-5
C., ADH.
1/17/68

516 SYSTEM TABLE FORMATS

IN CORE SEGMENT TABLE (128 ENTRIES = 256 WORDS)

ONE ENTRY (2 WORDS) FOR EACH SEGMENT IN CORE



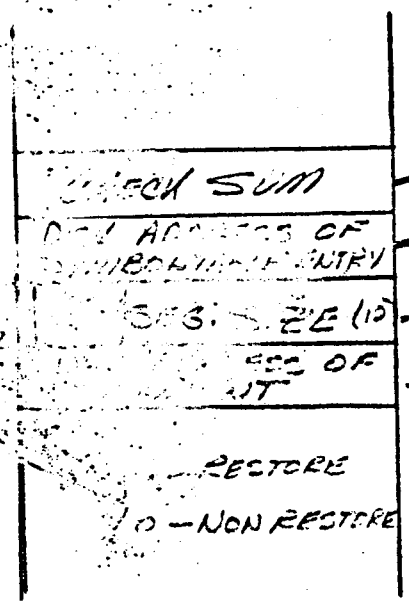
CONVENTION — INCREASING CORE ADDRESSES ↑

A.D.H. 0
17/68

DISK ID TABLE (4096 ENTRIES)

ONE ENTRY (4 WORDS) FOR EACH SEGMENT
IN THE SYSTEM (CORE + DISK)

TABLE ENTERED BY
COMPUTING A DISK ADDRESS
FROM AN ID



{ CHECK SUM OF OTHER
3 WORDS OF ENTRY
{ 15 BIT DISK ADDRESS OF
THE SYMBOL TABLE ENTRY
FOR THIS SEGMENT
{ SEGMENT SIZE (10 BITS)
(5 BITS) DIVIDED
SIZE = SEG. BODY SIZE + 2 (CHECKSUM)
{ STARTING ADDRESS OF
SEGMENT ON DISK (15 BITS)

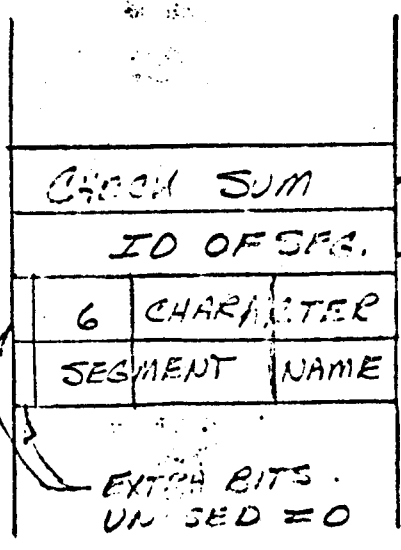
(.IDTAB) = LOWEST DISK ADDR.
OF ID TABLE

CONVENTION ——— INCREASING DISK ADDRESSES

DISK SYMBOL TABLE (4096 ENTRIES)

ONE ENTRY (4 WORDS) FOR EACH SEGMENT
IN THE SYSTEM (CORE + DISK)

TABLE ENTERED BY
COMPUTING A DISK ADDRESS
BY FINDING THE CHAR. NAME
OF A SEGMENT



{ CHECK SUM OF OTHER
3 WORDS OF ENTRY
{ CROSS REFERENCE TO
ID TABLE ENTRY FOR
THIS SEGMENT
{ 6 (5 BIT) CHARACTERS
MAKE UP THE SEGMENT
NAME
ALLOWABLE CHARACTERS
A-Z

(.SYTAB) = LOWEST DISK ADDR.
OF SYMBOL TABLE