

CONFIDENTIAL

ATTN
PRELIMINARY

3 of 10

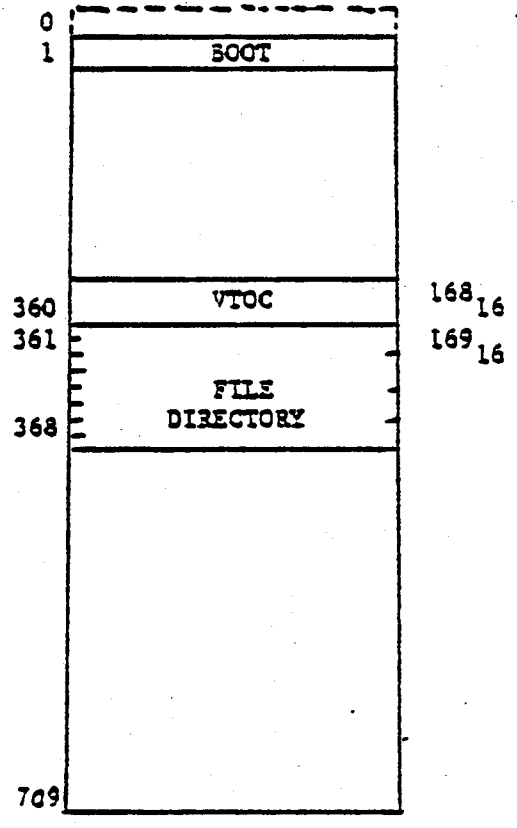
DISK FILE MANAGER DESCRIPTION

book 6 of 10 pages

1. Introduction
2. FMS Features
 - Named file + extension, multiple file access, sequential/random access, filename wildcarding
3. FMS Command Overview
 - OPEN, READ TYPE, WRITE TYPE, CLOSE, RENAME, DELETE, FORMAT, GET STATUS, LOCK, UNLOCK, POINT, NOTE (List directory; append options)
4. FMS Command Descriptions
5. FMS Disk Structure
 - Disk layout, boot record, VTOC, file directory, sector format, record format, FCB format
6. FMS RAM usage
 - Communication

5. FMS DISK STRUCTURE

5.1 Disk Layout



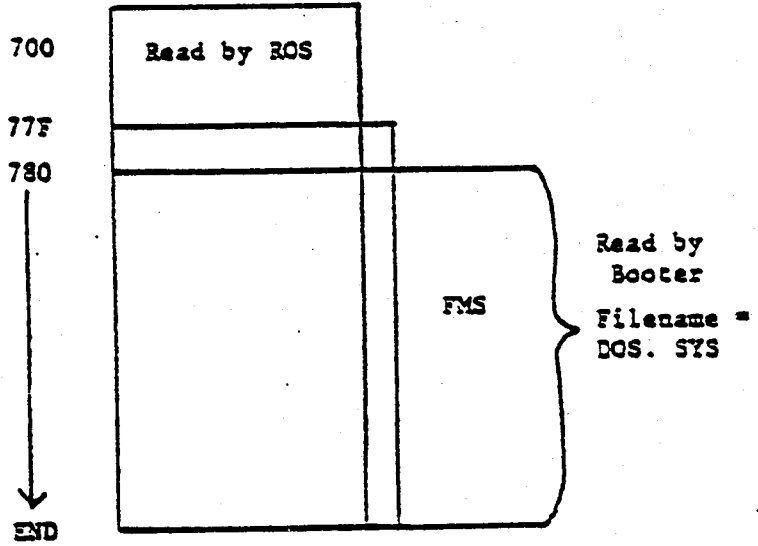
5.2 Boot Record Format

700₁₆

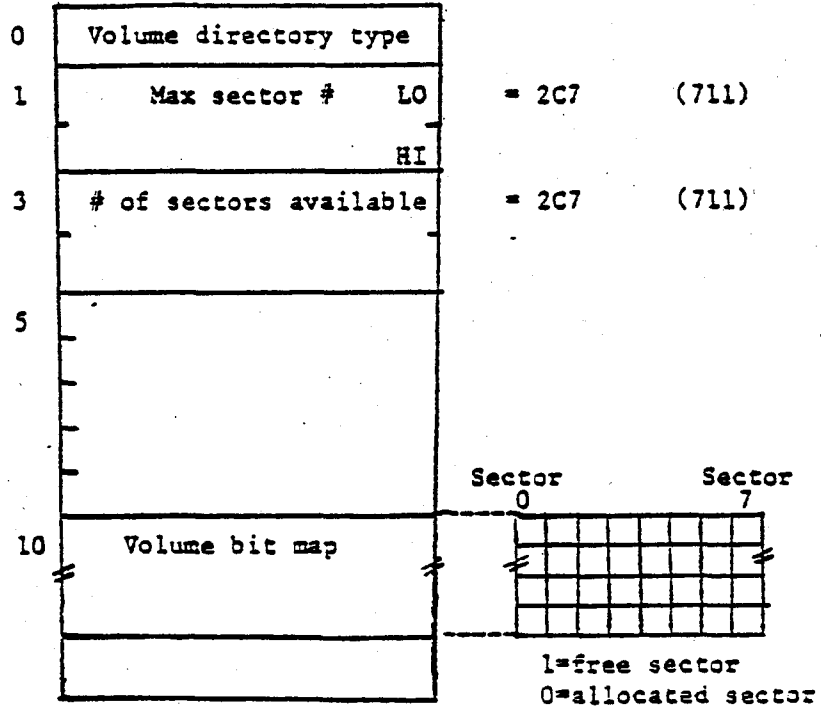
BOOT FLAG
of sectors to read (=1)
Boot image <u>Start address</u>
Init address
JMP Boot read continue Address
Max OPEN files (=3)
Disk drives (=1)
Storage alloc. direction switch (=0)
Boot image <u>End address +1</u>
≠0 if DOS file exists on volume
DOS file start Sector #
Code for second stage of boot (boots to EOF)

↑
Booter's
Use
↓

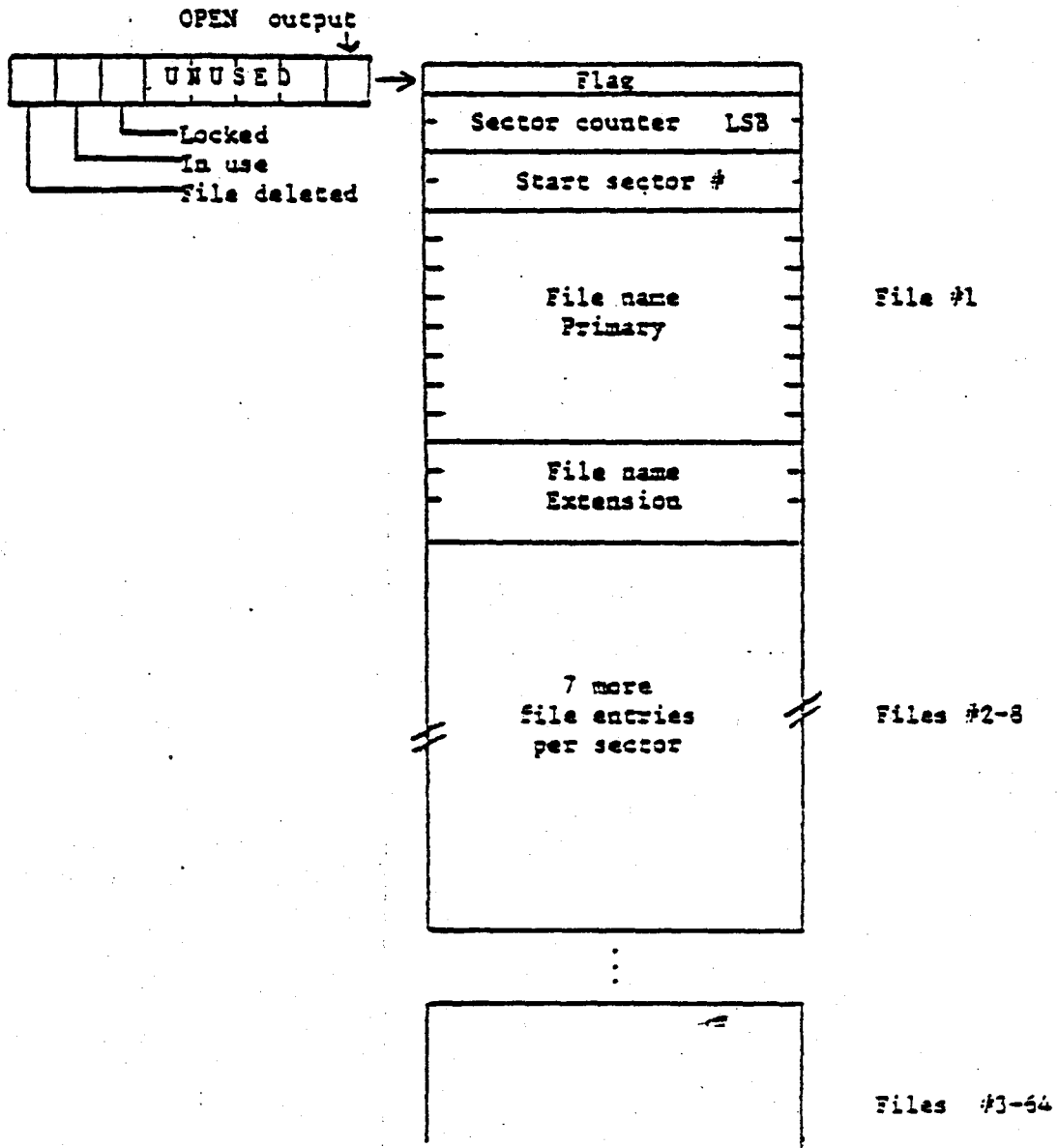
5.2.1 FMS Memory Map



5.3 VTOC



5.4 File Directory



FMS ERROR STATUSES

A0 = Drive # error
A1 = No sector buffer avail (too many open files)
A2 = Medium full
A3 = Fatal system data I/O error
A4 = File # mismatch?
A5 = File name error
A6 = Point data length?
A7 = File locked
A8 = Dev. command invalid?
A9 = Directory full (G4 files)
AA = File not found
AB = Point invalid?

DESCRIBE DEVICE DEPENDENT I/O USING VECTORS

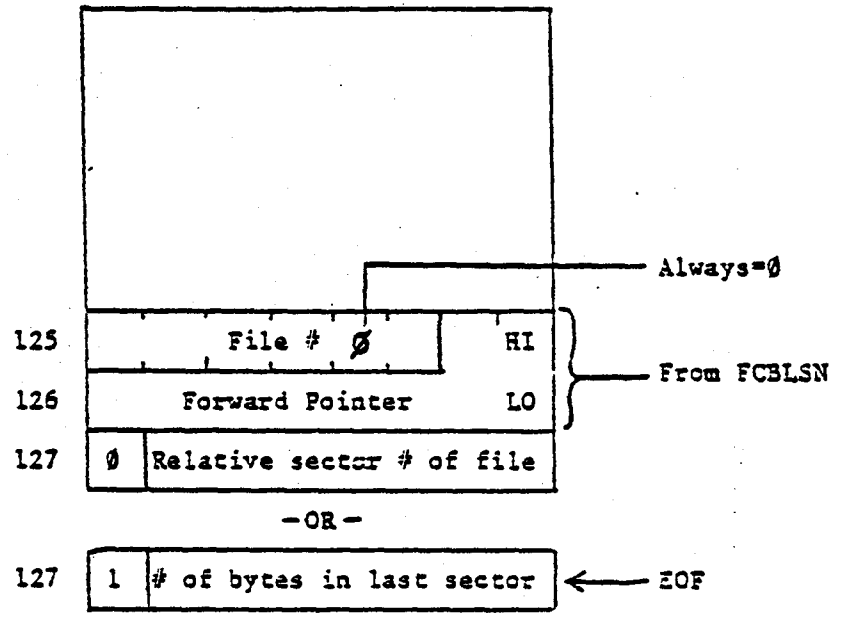
CASSETTE MANAGER DESCRIPTION

Prompting

Recording Formats

Features

5.5 Sector Format



5.7 File Control Block Format

