

<u>Third</u>	<u>Use</u>
Ø	Active Patient Record Files
1	Program Library and Programmer's Files
2	Research Files

Each third is divided into 128 quarter-tracks; each quarter-track is composed of 1024 sectors. A quarter-track can be in one of three conditions: available (i.e., empty and unowned), free, or held. Data such as permanent file structures, libraries, and permanent programmers' files are stored as free information. Free quarter-tracks may be written on (or expunged from) by any user program (provided that it presents the appropriate own-word). A held quarter-track is owned by one user program; only that program can write on, change, or expunge from it, although any program can read it. Held quarter-tracks are used for temporary storage—that is, for program segments, scratch areas, and temporary file storage. When a user program halts, its held quarter-tracks are returned to available status. If a user program expunges all information on a held or free quarter-track, that quarter-track is returned to available status.

The I-O Processor automatically assigns quarter-tracks to held or free use, depending on the type of "write" IOT which is executed. The I-O Processor keeps track of the locations of available sectors within each quarter-track. If a user program writes "nonaddressed," it leaves it to the I-O Processor to put the information into the next free sector or sectors; if it writes "addressed," it specifies the location of already existing information to be written over. If a user program writes "nonaddressed held," the I-O Processor puts the information into space on a quarter-