

San Jose

PRODUCT PLANNING

IBM San Jose
June 3, 1959

Memorandum To: Mr. E. W. Coffin

In your phone call of June 1, you requested information on the following items:

1. The Serial Binary ADF. Preliminary descriptive sheets are being prepared on this file. The actual configuration is not set-- but we expect to make considerable progress in meetings here on June 8-10th. Mr. Vitek has one copy of the description. We will send you more copies after the meetings occur.

Present discussions are centered around a 3 module file. Each module would contain 20 disks (40 surfaces). Of these 40 surfaces, 32 would be used for data storage and 8 for the corresponding checking bits. Data would be stored in 36 bit words grouped by sector--8 sectors per track. There would be 256 tracks per disk surface.

This configuration appears to offer efficient utilization of the file since 19,952 bits out of the 20,000 per track would be utilized. The total storage provided per file module would be 151,003,136 data bits--which is approximately 4,194,304 words.

The checking method is still under discussion. It appears, however, that efficient checking is possible because of the fact that 8 bits (plus a space bit) will be available to check each 36 bit word of data.

2. Million Character File. The Design Objectives for this file have not yet been written. They are scheduled for August. We are enclosing some descriptive material on the MCF herein for your reference.

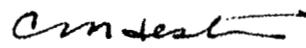
This project is developing very well and is meeting with the approval of several of the systems.

Mr. E. W. Coffin

-2-

June 3, 1959

Those of us in planning in the file area are making every effort to assure that a component is developed which is usable to the systems. For this reason, we definitely plan to bring or send all preliminary Design Objectives back to Poughkeepsie and Endicott for the personal review of the individual groups. This method allows the planners for each system to express their views on the project before development progresses too far for modification.


C.M. Hester
Project Coordinator

CMH:ak

cc: M. J. DeCoursey, San Jose
W.G. Dye, San Jose
H.G. Jones, Poughkeepsie
H.G. Kolsky, Poughkeepsie ←