

H.B. Kalisky
5/19/59

Programmer

May 19, 1959.

Memorandum: Mr. A. J. Barr
Mr. D. W. Peadary

Subject: Pilot Data Processor

Sometime ago, Dr. M. A. Shader called our attention to an article in the February, 1959, issue of the National Bureau of Standards Bulletin. It refers to a Pilot Data Processor being fabricated at the National Bureau of Standards. After some delay, I have read this article, and it is my opinion that the efforts at NBS are not nearly as advanced as some of our own work in the STRETCH area. In my opinion, speed operation in 7070 are beyond the NBS work described. Current efforts to attach the 1401 to the 7070 should give us more experience in this area.

It is highly desirable that we be aware of efforts along this line being accomplished outside of IBM. Therefore, I am calling your attention to this work so that we may have a look to see if there is anything that we can use.

At the time of his writing, Dr. Shader further suggested that the Job Shop Simulator he developed in Math. and Applications, might be used as a design tool in the Machine organization area. This suggestion was based upon the fact that some of the work being done at NBS logically resembles Job Shop Simulation. I am not sure how this can be accomplished, but I am passing the comment along so that you might check with Dr. Flanagan on the possibilities in this area.

JCS/CR

J. C. Smith

cc: -- Dr. J. E. Flanagan
Mr. J. J. Kenney, Jr.
Mr. M. A. Shader

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