

DECLASSIFIED
E.O. 13526
Authority
By LS HWA, Date 12-15

John McLaughlin
06
SP JB

PROD-03/0195-60

SUBJECT: Random Access Memory for HARVEST

TO: MPRO

FROM: PROD

DATE: 4 May 1960 COMMENT NO. 6
C. Hill, PROD-03, 3716, oab

- 1. Forwarded for your information and further action.

FOR THE DIRECTOR, PRODUCTION:



W. D. WRAY
Acting Assistant Director
Production

EO DECLASSIFIED
Authority 13526
By LS HAVA, Date 11-15

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DECLASSIFIED
 Authority *EO 13526*
 By *LS* NAVA, Date *11-18*

JAN 26 1960

SECURITY CLASSIFICATION (If any)

DISPOSITION FORM

FILE NO.

MPRO-0433

SUBJECT

Random Access Memory for HARVEST

TO

Director R/D
 THRU: DIR/PROD

FROM

MPRO

DATE

22 January 1960
 Jacobs/4189/bak

COMMENT NO. 1

1. In the course of developing the programming system for HARVEST, it has been determined that an additional random access memory is necessary. It is important that such equipment be available by the time the programming system is in effective use, and action to ensure its availability by July 1961 should be initiated.

2. The specific characteristics of the memory have not been settled, but the following description can be used for the present:

a. If access utilizes an exchange, it should be the basic exchange and not the high-speed exchange.

b. To avoid interference with the completion schedule for HARVEST, we must not consider modifying the computer or its exchange in order to accommodate the memory. Thus an adaptor to permit operation through a standard Tape Control Unit may have to be developed.

c. The type of capability needed is definitely less than that provided by the disk memory being built for the Los Alamos Stretch computer.

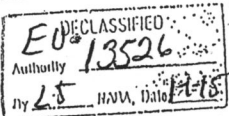
3. If a memory fulfilling the requirements cannot be put into operation by July 1961, it appears that a RAMAC can be made to serve as an interim device, simulating the ultimate memory.

4. Definite characteristics will be supplied as soon as they are needed.

FOR THE DIRECTOR OF PRODUCTION:

Oliver R. Kirby
 OLIVER R. KIRBY

Chief, Office of Machine Processing
 Production



DP 03-7

SUBJECT: Random Access Memory for HARVEST

 TO: DIR R/D FROM: PROD DATE: 31 Mar 60 COMMENT NO. 2
 C. Hill/3716s/sdg

1. The request for a random access memory as stated in Comment No. 1 is forwarded.
2. This request is for information only, with respect to existence or availability of this type of random access memory.
3. This information is urgently needed for future budgeting considerations.

FOR THE DIRECTOR, PRODUCTION:

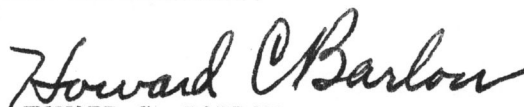


F. A. RAVEN
 Assistant Director
 Production

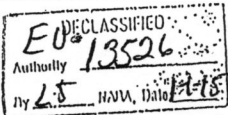
 TO: ANEQ FROM: R/D DATE: 5 Apr 60 COMMENT NO. 3
 R.J.Bronder/R/D-02/4620/bns

Forwarded for appropriate action. Note urgency. Informal coordination with MPRO is encouraged. It is assumed that this will result in a procurement action if such a memory is available; therefore, include cost and delivery information if possible.

FOR THE DIRECTOR OF RESEARCH AND DEVELOPMENT:



HOWARD C. BARLOW
 Deputy Director



MAY 3 1960

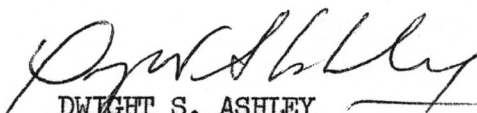
SUBJECT: Random Access Memory for HARVEST

 TO: MPRO-0433 FROM: ANEQ-2 DATE: 28 April 1960 COMMENT NO. 4
 THRU: ANEQ ~~1044~~ F. G. Dunham/ANEQ-2/3831/cbc
 PROD

In reply to your request for information on a high speed disc unit for HARVEST, I submit the following:

a. We inquired into IBM's high speed disc program and were given a brief review of the proposed AEC high speed disc unit followed by a description of a commercially applicable version of this high speed unit called SIFO. Since these items definitely fit the general specifications furnished in this DF, we requested from IBM a target date for the first commercial version and the approximate cost.

b. In a reply IBM has stated that no program for development of a device such as was described will be established, and they went on to state that there is no reason to believe now that any further development will take place.


 DWIGHT S. ASHLEY
 Chief, Data Systems Division

 TO: PROD-03 ~~1044~~ FROM: R/D DATE: 3 MAY 1960 COMMENT NO. 5
 R.J.Bronder/R/D-02/4620/bns

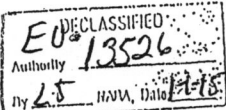
1. The information developed in the investigation of the availability of a high-speed disc memory is forwarded for your information.

2. It appears that two courses of action should be followed. First, the need for this device should be clearly stated by PROD and a set of functional characteristics evolved from which a procurement could be made. Second, R/D is prepared to keep in touch with the IBM work, which from all indications is still in its very early stages. The information on the progress of this work will be passed informally to the MPRO people.

3. Further action on this request will be postponed until firm specifications are received from PROD.

FOR THE DIRECTOR OF RESEARCH AND DEVELOPMENT:


 HOWARD C. BARLOW
 Deputy Director



SUBJECT: Random Access Memory for HARVEST

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 THRU: ANEQ F. G. Dunham/ANEQ-2/3831/cbc

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HOWARD C. BARLOW
 Deputy Director

cc: PROD-03S (2) ←
 R/D-02
 ANEQ