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Dig. Dev. Memo #262

To: E. C. Hall
From: Alan Green
Date: 7 July 1965
Subj: Block II Program Retread

The collection of Block II programs described in Digital Development Memo #228 (7 December 1964) is now ready. It is known as RETREAD. The manufacturing tapes are being prepared now and will be sent to Raytheon by July 12.

RETREAD consists of two modules: The first is nearly full; the second, about half full. The various sections of RETREAD, along with the people responsible for their development, are listed below:

- 1) Executive (Muntz) - operationally similar to the Block I executive. Calling sequence has been expanded to handle a DP CADR.
- 2) Waitlist (Muntz) - operationally similar to Block I.
- 3) Interpreter (Muntz) - Described in R-489.
- 4) Fresh Start (Muntz and Green) - Similar to Block I.
- 5) T4Rupt Program (Green) - A much simplified version of Block I T4Rupt. Just enough to run the displays.
- 6) Keyrupt, Uprupt (Green) - Similar to Block I. Both keyrupts are present, though.
- 7) Keyboard and Display (Green) - Operationally similar to Block I, but there are some important differences. A memo on this will follow shortly.
- 8) Instruction Check (Smally) - This is a stop-gap measure. It does not follow the same philosophy as the Block I self-check. It is designed on an instruction-by-instruction basis, rather than on a control pulse basis. The true control pulse self-check program will not be ready for a few months.

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