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Office Memorandum • UNITED STATES GOVERNMENT

TO : The Files

DATE: 16 April 1957

FROM :

[Redacted]

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SUBJECT: Review of Automatic Keying Systems

1. At 1400 hours on 28 March 1957, a meeting was held in the office of [Redacted] for the purpose of reviewing the status of automatic keying systems under study by the Research and Development Branch. This meeting was held in accordance with the instructions of the Research, Development and Production Review Board, Meeting No. 65 of 6 February 1957. Those present at the conference were:

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[Redacted]

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OC-E

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2. The discussion was opened with a review of the characteristics desired in the ideal automatic keying system. These characteristics include the capability of fast message preparation, small size, minimum power or no power requirement, capability of storage and a reuseable storage technique, character forming operation rather than dot-space-dash type of operation, and the utmost of simplicity with the highest possible degree of reliability.

3. [Redacted] continued the discussion by reading a series of notes concerning each of the keying techniques presently being investigated by the Research and Development Branch with recommendations as to the future status of each project.

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- a. The [Redacted] (PAMM) - It was recommended that the [Redacted] be evaluated and when a reliable instrument is provided that a small quantity be stocked for interim use.
- b. ET-2 - It was recommended that the study presently being conducted for the purpose of increasing reliability and decreasing production cost of the ET-2 be continued. If this item is proven to be a reliable unit capable of being economically produced, a small quantity should be stocked.
- c. Telephone Dial Keyer - It was recommended that this project be canceled.

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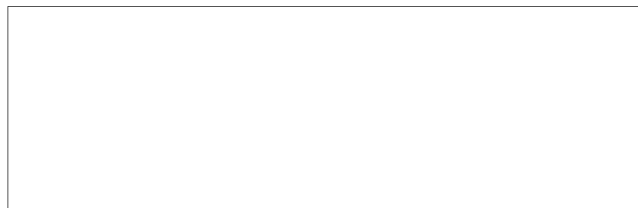
DOC 30	REV DATE 19/3/80	BY 37169
ORIG COMP 33	OPI 56	TYPE 2
ORIG CLASS 5	PAGES 2	REV CLASS C
JUST 22	NEXT REV 2010	AUTH: HR 13-2

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- d. Project 2633, Keyboard Morse Keyer - It was recommended that this project be suspended.
- e. The ATOM Keyer - It was recommended that this project be suspended.
- f. The HODBO Keyer - It was recommended that this project be canceled.
- g. The RS-13 - It was recommended that following the delivery of 40 RS-13B units, this project be suspended pending the outcome of the AS-3 development.
- h. RS-16 - It was recommended that this project be continued to the completion of the present prototype units.
- i. RS-18 - It was recommended that the development of this system be continued with high priority.
- j. AS-3 - It was recommended that the development of this system be continued with high priority.
- k. SQUASH - It was recommended that this project be canceled.
- l. UNION Keyer - It was recommended that further activity on this project be canceled.

4. The members of the Operations and Training Branch further indicated that they are desirous of increased activity on the development of the base-to-agent automatic system, in addition to the Hellschrieber printing techniques presently in progress.



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