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HRP 2-1

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V. PRODUCTION

The following statistics may be of interest in evaluating the project:

a. Three cables were tapped. They contained 273 metallic pairs capable of transmitting a total of approximately 1200 communications channels. The maximum number of channels in use at any one time approximated 500. On the average 28 telegraphic circuits and 121 voice circuits were recorded continuously. Approximately 50,000 reels of magnetic tape were used - some 25 tons.

b. The ^{voice} ~~(center)~~ processing center employed a peak number of 317 persons. Twenty thousand Soviet two-hour voice reels containing 368,000 conversations were fully transcribed. In addition, 13,500 German two-hour voice reels were received and 5,500 reels containing 75,000 conversations were processed. Seventeen thousand of these conversations were fully transcribed.

c. The ^{teletype} ~~(center)~~ center employed 350 people at its peak. Eighteen thousand six-hour Soviet teletype reels and 11,000 six-hour German teletype reels were completely transcribed. It should be borne in mind that many of these reels contained as many as 18 separate circuits, some of which utilized time-division multiplex to create additional circuits. The potential of any given six-hour teletype reel was approximately 216 hours of teletype messages. Both plain text and

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encrypted traffic was received. The daily output was about 4,000 feet of teletype messages. Printed in book form, these messages would have filled a space ten feet wide, 15 feet long, and eight feet high.

d. A small processing unit (two to four persons) was maintained at the Berlin site to permit on-the-spot monitoring of engineering circuits for the protection of the project and scanning of the more productive circuits for the "hot" intelligence. Daily reports of sufficient value to warrant electrical transmission to Washington and London were produced.

e. Processing of the backlogged material continued until 30 September 1958 and resulted in a total of 1,750 reports plus 90,000 translated messages or conversations.

f. The total cost of the project was \$6,700,000.

The information from this ~~material~~ was disseminated in a closely controlled system called [redacted] Appendix B consists of a summary of the value of the material received together with typical customer comments. Despite our knowledge of the fact that certain elements of the Soviet Government were aware of our plans to tap these cables, we have no evidence that the Soviets attempted to feed us deception material through this source.

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