

File Development Program

7.141

FROM: AS-20 TO: AS-80

1. Security Division concurs in general in the policy as outlined in Section 1 of the supplement to Fiscal Year 1948 Research and Development program. Attention is invited to Paragraph 1D wherein it states that research and Development Agencies will maintain closely liaison with the using agencies. It is recommended that a rather definite program be adopted in order to keep AGF and AAF informed of our progress and development and in order to secure any comments concerning changes or improvements which they desire. In connection with this Sub-Paragraph, it is also believed advisable that a report from ASA be included in the 1948 Research and Development program. It is believed that this report can be written in such a manner that the material contained therein may be classified as Secret and it appears to this division that the Army Ground Forces, Army Air Forces and Signal Corps, will be vitally interested in information as to the progress of our research and development program. It is necessarily liaison and can best be accomplished by this method.

7.2

2. Attention is invited to Paragraph 5E. Although the policy, as indicated in this paragraph, places particular emphasis upon research and developments and although it is definitely stated that this policy will not procure development agencies from the need for modifications of existing items, it is believed advisable at this time to consider the necessity and desirability of possible modifications of some of our Cryptanalytic devices. Considering the present supply status of 131B2 equipment, it is believed advisable to develop a repeater-- unit, specifically designed and for military use with the thought in mind that the procurement of this equipment in time of emergency will not only be required but will be by redesign. The

The modification of the SIGCUM should also be considered in order to improve its inheritence security and its operational ~~characteristics~~ characteristics. The development of another type JODO should be considered in order that the operational characteristics of the SIGABA may be improved, and from the standpoint of cost per unit, as well as space requirements, the modification of the present 14AB transmitter Distributor should be carefully considered. The present TD is a modification of commercial equipment and from the standpoint of military usage it has several disadvantages. While these suggestions are modifications of existing equipment, it is believed that they are vitally necessary and that they may be considered in a sense as new items since the 131B2 and 14ABTD are commercial equipments and were not intended for field use.