

SECURITY CLASSIFICATION (if any)

**DISPOSITION FORM**~~TOP SECRET SECURITY INFORMATION~~~~TOP SECRET~~

FILE NO.

SUBJECT

Security of Telecrypto .

TO OOT

FROM 412

DATE 8 Nov 51

COMMENT NO. 1

THRU: 41

PL 86-36/50 USC 3605

J. T. Wagoner/60443/mt

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EO 3.3(h)(2)

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- References: (a) Report C25.311.1, Cryptanalytic Survey of New Hagelin Teletype Scrambler, by F. T. Leahy, Jr.  
 (b) AFSA-412B, Brief Security Estimate on Telecrypto, 15 June 1951  
 (c) AFSA-OOT informal note to AFSA-41 regarding Telecrypto

1. Reference (c) states that there appears to be a difference between the findings outlined in Reference (a) and those in Reference (b), and requests comments.

3. Reference (b) was prepared on the basis of approximately one week's study and some of the conclusions were necessarily based on results from incompletd problems and conservative estimates of the expected results from further analysis on the problems. In order to obtain a more accurate security estimate, these problems have been completed. Further results are as follows:

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Declassified and approved for release by NSA on 06-17-2014 pursuant to E.O. 13526