

Inventory (WFF files - Paul Williams)

Shelf 8143
 Box 1
 Y-61-28-1

Envelope 1 1919-37 201 file

- contains:
- ① paperwork associated with TOYO, and military activation status.
 - ② Coded MSGs, decrypted MSGs
 - ③ letter mentioning COMSEC procedures
 - ④ letter discussing a cipher machine
 - ⑤ invite from the War Dept for WFF to be a Subcommittee member.
 - ⑥ Military Thesis paper
 - ⑦ Mention of international regulations governing the exchange of coded telegrams
 - ⑧ Correspondence between WFF and the sig Corps regarding the development of codes-ciphers
 - ⑨ correspondence between Major Mauborgne and WFF regarding a position with the sig Corps.
 - ⑩ Mention of his heart condition as diagnosed by a military MD. and how it impacted on his continued employment at Riverbank

Envelope 2 1938-1942 201 file

1. Correspondence regarding Friedman's desire to patent and market a cipher device for children
2. paperwork on TOYS, bank deposits and the like
3. letters of appreciation for lecturing

Inventory of the material taken from Friedman's house by
 Coverdale, etc.

4. Correspondence regarding conference between WFF and Bell Labs, sub; : code production

Envelope 3 1943-1955 201 file

Contains ① correspondence relating to code prod at Bell Labs, ~~and~~ the National Cash Register Co. Labs and RCA Labs

② IDV paperwork, Efficiency Rating, Job Position description, Personnel actions, Statement of Federal Service

Inventory W.F.F. Files (Paul Melham)

PENCIL)
A # 2

Friedman Files X 61-28-2 Shelf 8143.

1) Envelope: From W.F.F. to C. Christian AG-NSG Records Dep.
Pkg #1, W.F.F. # 304620)WWI
Black Book)a) General Solution for the ADFGVX Cipher System. S.T.S.
Wash: GPO, 1934.b) Statistical Methods in Cryptanalysis. Solomon Kullback.
Wash: GPO, 1938.c) German military ciphers from February to
November 1918. J.R. Childs. Wash: GPO, 1935. (2)d) Studies in German Diplomatic Codes
Enciphered During the World War. Charles J. Mendelsohn.
Wash: GPO, 1937.e) American Army Field Codes in the American
Expeditionary Forces During the First World War.
W.F.F. Wash: GPO, 1942.f) Field Codes Used by the German Army
During the World War. W.F.F. Wash: GPO, 1935.

2) Envelope: Lecture cards and notes. 364 cards.

(Black Book)

3) Final Report of the Radio Intelligence Section, General
Staff, General Headquarters, American Expeditionary
Forces. Lt. Col. Frank Moorman. Wash: GPO, 1935.4) Further Applications of the Principles of Indirect
Symmetry of Position in Secondary Alphabets.
Frank B. Rowlett. Wash: GPO, 1935.5) The Principles of Indirect Symmetry of Position
in Secondary Alphabets and their Application
in the Solution of Polyalphabetic Substitution
Ciphers. W.F.F. Wash: GPO, 1935.6) Permutation Tables Involving a Feature of
Non-transposability. Abraham Sinkov.
Wash: GPO, 1934.7) Notes on the Liaison Service and the Liaison
Intelligence Service of the German Army During
the World War. From Moorman's Final Report 1935.

Box #1 cont'd

- 8) The contribution of the cryptographic Bureaus in the World War. Yves Nylden. Wash: GPO. 1935.
- 9) Basic Cryptologic Glossary. NSA. 1955
- 10) The Index of coincidence. NSA. 1955
- 11) Table of Binomial Distribution. ASA. 1946
- 12) Military cryptanalysis. Part I. WFF. Wash: GPO. 1942.
- 13) Appendix to Military cryptanalysis. Part I. ASA. 1946
- 14) Military cryptanalysis. Part I. WFF. Wash: GPO. 1938. 4 copies.
- 15) Military cryptanalysis. Part I. WFF. Wash: GPO. 1936. 2 copies.
- 16) Military cryptanalysis Part I. WFF and Lombard D. Callimahos. NSA. 1952.
- 17) Military cryptanalysis. Part II. WFF and L. D. Callimahos. NSA. 1955.

Inventory W.F.F. Sites (Paul Silkham)

n Pencil
ox 3

Friedman's Slide Files 1-61-28-3 Shelf 8143

In pencil:
 Box 4 Friedman's files Y-61-30-1 Shelf 8143 (pencil box 4)
 Inventory (WFF files) (Paul Gilliam)

- a) final version of WFF Lecture: no 1
 b) " " " " " " 2
 c) " " " " " " 3
 d) Envelope: from WFF to Clyde Christian AG-NSA
 Record dep.
 1) Introduction to cryptology: Lecture I, II, III.
 2) no. 3 Revised
 3) no. 4
 4) no. 4
 5) no. 5
 6) no. 6 1st draft
 7) no. 6 2nd draft
 8) no. 6 Final
 e) Folder # 311 Army Extension courses:
Subcourse - Military Cryptanalysis - Part I -
Monoalphabetic substitution systems. 1936-57
 f) Folder # 313 Army Extension courses:
Subcourse - Military Cryptanalysis - Part II -
 1937
 g) Folder # 315 Army Extension Courses:
Subcourse - Military Cryptanalysis - Part III -
 1938-39
 h) Folder # 559-2 Army Extension Courses
 Special text no. 164 Advanced Military
Cryptography, 1931 Edition - in pencil -
original edition, WFF, Wash, 1931
 i) Army Extension courses Special text
 no. 165 Elementary Military Cryptography
 1935 ed. Wash: GPO 1935 (also 1943 ed
 (2 copies)
 j) Army extension courses Special text
 no. 166 - Advanced Military Cryptography.
 1935 ed. Wash GPO, 1935 [3 copies] (also
 1943 ed. (2 copies)

Inventory W.F.F. files (Paul Milham)

in Pencil

3045

Friedman files Y-6130-2 Shelf #143

- 1) From WFF to C. Christian AG-NSA Records Dep. Inside:
 - a) Statistics for Cryptology.
 - b) Military Cryptanalytics, Part I. by W.F.F. and L.D. Callinaches.
 - c) Military Cryptanalytics, Part II. W.F.F. and L.D.C.
- 2) Envelope: "Mr. Friedman's Hagelin file" and "personal".
- 3) Envelope: From WFF to C. Christian AG-NSA Records Dep. PKG #3, WFF # 30462 (3) (via courier) R/D -017 PKG #53-50. Inside:
 - a) Military cryptanalysis Part II
 - b) " " " " Part III
 - c) " " " " Part IV
- 4) Envelope: "John Hurt's Brochure: The Japanese Problem in the Signal Intelligence Service." Copy #1.

Black Book

5) The Zimmermann Telegram of January 16, 1917 and its Cryptographic Background. W.F.F. and Charles J. Mendelsohn. Wash: GPO, 1938.

6) "The Zimmermann Telegram" - lecture by WFF before Crypto-Math Institute & Sept 1958. NSA.

7) Principles of Solution of Military Field Codes Used by the German Army 1917.

Black Book

8) Envelope: Pearl Harbor #2. WFF Misc. Papers & Docs. re Pearl Harbor Attack.

Black Book

9) General Solution for the Double Transposition Cipher. Solomon Killback. Wash: GPO, 1934. 2 copies.

10) Analysis of Mechanical-Electrical Cryptograph. Part II. STS. Wash: GPO, 1935.

11) Envelope: RIF 98 Appendix II "American Measures Against Publicity."

12) Envelope: Hagelin file. In pencil: "Hagelin negotiations."

13) Envelope: Project Rand: "Is there a defense." Bernice Brodie.

- K) TM 32-220 Dept of Army Technical Manual -
Basic Cryptography, April 1950
- L) Signal Corps Bulletin July + Sept 1937.
No. 97. War Dept. OCSO.
- M) War Dept. OCSO. Articles on Cryptography
and Cryptanalysis (reprinted from
SC Bulletin). Wash: GPO, 1942
- N) Elements of Cryptanalysis. Training
Pamphlet No 3: OCSO. May 1923. Wash: GPO,
A24. by WFF.
- O) Division Field Code No. 4. 1922 (2 copies)
- P) 10 copies of Military Cryptanalysis Pt II
- Q) 7 copies of Military Cryptanalysis Pt III
- R) 4 copies of Military Cryptanalysis Pt IV

57 Pencil
 676 I

Inventory (WFF files - Paul Gilliam)

4-61-30-3 (Box #6)
 (A metal Box)

A. Pearl Harbor #1

Miscellaneous Papers + documents on Pearl Harbor attack

B. #17 Certain aspects of "magic" in the Cryptological Background of the various official investigations into the attack on Pearl Harbor

C. 3 reels of recording tape
 S(GL) 3109 (INT)

"Communications Intelligence and Security"
 Col. Friedman

0930-1230, 11 Dec. 1958

Senior School, MCEC

MCS, Quantico, Va.

D. 3 reels of tape

"Communications Intelligence and Security"

Lt. Col. W.F. Friedman

26 April 1960

S(GL) 3109 INT(8)

MCS LOG # 000528

E. Lecture: "The Zimmermann Telegram"

F. Marine Corps Lecture Series

11 December 1958

Exp 6 continued

- G) SCAMP folders I-VI (Special Committee for Advice on Mathematical Problems) (forerunner of Friedman Lectures^{Series})
- H) folder containing receipts for Friedman documents
- I) envelope containing keys for safe & instructions.
- J) SCAMP: working papers 1958
- K) Friedman's folder when he was NSA Consultant
- L) folder on NSA Advisory Board
- M) "Comint - Hard Facts in the Cold War"
- N) folder containing receipts
- O) Machine identification of words.
- P) Draft. lectures 1, 2, & 3 and a final copy.