

MEMO ROUTING SLIP

TO THE FOLLOWING IN ORDER INDICATED:

	NAME OR TITLE	ORGANIZATION	BUILDING AND ROOM	INITIALS
1				DATE
2				
3				

I note this has to be back by Wed. (13th). The doc. was printed in 1943. I recommend that we not concern in this manual, and that it be used only until ASA writes a new one which will replace it. The work of preparing a new manual at ASA should be undertaken at once. Par 5h of Sept 6, 1945 letter states: "(ASA responsible for) Determination of doctrines, techniques and the preparation of field manuals and training literature"

FROM	NAME	ORGANIZATION	BUILDING AND ROOM	DATE
				TELEPHONE

Declassified and approved for release by NSA on 04-24-2014 pursuant to E.O. 13526

ACCR:

This is as poor and amateurish a work as I've seen. It would be understandable if it emanated from a contributor to the American Cryptogram Association, or if it were the opus of the author of a crypt corner in a detective story magazine; but it is unworthy of a governmental agency.

First of all, the authors of this book know next to nothing about the subject, as evidenced from their bibliographical sources and from their manner of writing.. If they had any background in the business, they would have exploited (by a more adroit plagiarism) our TM 11-484 and 11-485 - and they would have made some reference to our texts on Crypt I, II, III and IV. As it is, they lifted out an example of a caption code on page 22 from page 69 of TM 11-484. The charts on pages 10 to 18 inclusive were compiled from material in TM 11-484.

Most of their examples are pseudo-historical, since they apparently did not have enough material from their own brilliancies. It is strictly Sunday-supplement stuff.

If a work like this is needed, then for God's sake why isn't the ASA consulted, since that's our bread and butter occupation? Why there are even excellent treatises on this subject written by the Germans and the Japanese.

Recapitulation: it certainly stinks.

- Capt C.

Classification indicated

TO	DATE	FROM	TO	FROM
Chief, ASA	(10)	Ch, Security Div	(80)	
Executive O	(11)	Tech Staff	(81)	
Co'r Joint Oper	(12)	Ch, Materiel Br	(82)	
Deputy Chief, ASA	(20)	Ch, Methods Br	(83)	
Dr, Comm Res	(14)	Ch, Protective Br	(84)	
Ch, Pers Sec	(21)	Ch, Maint Br	(85)	
Ch, Org & Tng Sec	(22)	Ch, Res & Dev Div	(70)	
Ch, Plans & Oper	(23)	Tech Staff	(71)	
Ch, Materiel Sec	(24)	Ch, Ch. Ciph & Cif Br	(72)	
Ch, Fiscal Sec	(25)	Ch, Int Equip Br	(73)	
Adjutant, ASA	(26)	Ch, Elec & Elec Br	(74)	
Ch, Sec Cont Sec	(27)	Ch, Lab Serv Br	(75)	
Ch, Operations Div	(90)	Ch, C'logic Br	(76)	
Ch, Lab Br	(91)	Ch, Pers & Tng Br	(61)	
Ch, Machine Br	(92)	Ch, Supply Br	(62)	
Ch, Crypt Br	(93)	Co, Arlington Hall	(40)	
Ch, Int Cont Br	(94)			
Ch, I & D Br	(95)			
Tech Staff	(96)			

- () Approval & Return
 () As Requested
 () Concurrence or Comments
 () Information & Forwarding
 () Information & Return

- () Information & File
 () Recommendation
 () Signature if approved
 () Your action by
 () Info upon which to base reply

Note our recommendations
on the Manual of Cryptology
and the formal reply which
was prepared by Lt Libby
of AS-22 and sent out.

I think they completely
missed the boat all the
way round. There is need
for the preparation of that
type manual which
includes open codes and
secret ink, and ASA should
prepare it.

The reply appears to me
inappropriate and incongruous
and appears to make the
Agency not know what
it is talking about.

mk

17/11

GSGAS

Manual of Cryptology

Chief, Security Group

Chief, ASA

17 Nov 47

Lt. Libby/8129 Ext 307

1

1. With reference to the text of subject Manual, there appears to be some duplication between the duties and responsibilities of The Adjutant General with respect to production of training literature in connection with censorship and the duties and responsibilities of the Army Security Agency as regards the production of training literature in the whole field of Cryptology. It becomes obvious that in pursuing censorship activities, certain cryptographic situations will be encountered. It is felt, however, that all training literature on the subject of Cryptology and its allied phases should emanate from the Army Security Agency. Adjutant General letter, file 322 (4 Sept 45) GR-3-B-M, dated 6 September 1945, subject: Establishment of the Army Security Agency, states in part..... "The Chief, Army Security Agency, will be responsible for" * * * * * "Determination of doctrines, techniques and the preparation of field manuals and training literature." The foregoing deals specifically with Cryptology.

2. It is the understanding of this Agency that the subject Manual is to be used by the Ground General School as an introductory text to common subcourses (Ground General School Series) 20-12, "Basic Theoretical Cryptography" and 30-11, "Basic Practical Cryptography." These two subcourses have been written to cover the field of cryptography in 60 hours, 30 hours each, and include instruction in such basic subjects as military lettering up to and including the encipherment and decipherment of some of the more complex systems. These systems include such generally applied low echelon military cryptographic systems as can be presented to students within the limitations of security requirements.

3. Since these subcourses have been written to utilize a full 30 hours each, but cannot exceed 30 hours, it is considered impractical and thus inadvisable to include more reference material than already accompanies the courses. TM 11-484, "Elementary Military Cryptography" and TM 11-485, "Advanced Military Cryptography," both classified RESTRICTED, are the authorized text references currently furnished with the subcourses mentioned above and it is felt that they cover the subjects adequately. Inasmuch as the "Manual of Cryptology," is classified CONFIDENTIAL it is considered inconsistent with security regulations to include it as a text reference for Ground General School common subcourses 20-12, and 30-11.

4. Attention is invited also to the fact that according to authorized terminology the word Cryptology embraces all phases of secret communications, including Cryptography, Cryptanalysis, Traffic Analysis, Interception, Direction Finding, etc. The inclosed "Manual of Cryptology" covers but one very small portion of the entire field and the title, if the Manual is published as an official document, would be quite misleading. In addition, it is believed that the format and contents of this Manual do not measure up to the standards desirable in an official document of the Department of the Army.

AD-14

~~CONFIDENTIAL~~

Chief, Security Group

Chief, ASA

17 Nov 47

1

5. In view of the foregoing considerations, the Army Security Agency does not concur in the publication of subject Manual as an official document.

6. It is recommended that use and distribution of this Manual be confined to such personnel of the Censorship School as may actually require the Manual in discharging their regular duties.

1 Incl
Cy Manual

H. G. Hayes
HAROLD G. HAYES
Colonel, Signal Corps
Chief, Army Security Agency

NOV 17 1947

~~CONFIDENTIAL~~