

From : Mr. ~~W~~ FRIEDMAN
To : Dr. L. E. SHINN - NSA-72A

~~TOP SECRET~~

Following information is being
furnished in response to your 272148 ZC:

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STATUS OF NATO CRYPTOSYSTEMS

28 April 1953

A. First level (high military and diplomatic):

- 1. Typex with simplex settings
- 2. Some one-time pads (approved by Standing Group)

Date of approval: 20 July 1950

Made effective approximately August 1950 by France and Italy.

October 1950 by Portugal.

Note: Countries were furnished full technical details for

B. Second level (military only - high command to Divisions):

- 1. CCM

Date of approval: 10 November 1951

Made effective France, Italy, Portugal 1 February 1952

- 2. Natex (back up to CCM)

Date of approval: 25 July 1952

Made effective France, Italy, Portugal September 1952

C. Third level (low echelon):

- 1. Natex

Date of approval: 25 July 1952

Effective (no systems yet provided)

- 2. French modified M-209

Date of approval: (early 1952, don't know exactly)

Effective (only by France so far)

D. Greece and Turkey became eligible for the above automatically upon joining NATO on 15 February 1952. Exact information as to when they started using the stuff is not available but I can get it if necessary. It was not until the last part of 1952.

E. In addition there are miscellaneous tactical and air-ground codes, authentication systems, etc. Approved but not yet effective.

making up their own national simplex settings but I have no information as to whether they are.

non-BRUSA

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SECURITY INFORMATION

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FROM: MR. FRIEDMAN - NSA-00T

TO: DR L. E. SHINN - NSA-72A

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FOLLOWING INFORMATION IS BEING FURNISHED IN RESPONSE TO YOUR 272140Z
(AGI 32000)

SUBJ: STATUS OF NATO CRYPTOSYSTEMS

A. FIRST LEVEL (HIGH MILITARY AND DIPLOMATIC):

1. TYPEX WITH SIMPLEX SETTINGS
2. SOME ONE-TIME PADS (APPROVED BY STANDING GROUP)

DATE OF APPROVAL: 20 JULY 1950

MADE EFFECTIVE APPROXIMATELY AUGUST 1950 BY FRANCE AND ITALY.
OCTOBER 1950 BY PORTUGAL

NOTE: NON-BRUSA COUNTRIES WERE FURNISHED FULL TECHNICAL DETAILS
FOR MAKING UP THEIR OWN NATIONAL SIMPLEX SETTINGS BUT I
HAVE NO INFORMATION AS TO WHETHER THEY ARE:

B. SECOND LEVEL (MILITARY ONLY - HIGH COMMAND TO DIVISIONS):

1. CCM

DATE OF APPROVAL: 10 NOVEMBER ¹⁹⁵¹ 1950

MADE EFFECTIVE FRANCE, ITALY, PORTUGAL 1 FEBRUARY 1952

2. NATEX (BACK UP TO CCM)

DATE OF APPROVAL: 25 JULY 1952

MADE EFFECTIVE FRANCE, ITALY, PORTUGAL SEPTEMBER 1952

C. THIRD LEVEL (LOW ECHELON):

1. NATEX

DATE OF APPROVAL: 25 JULY 1952

EFFECTIVE (NO SYSTEMS YET PROVIDED)

2. FRENCH MODIFIED M-209

DATE OF APPROVAL: (EARLY 1952, DONT KNOW EXACTLY)

EFFECTIVE (ONLY BY FRANCE SO FAR)

D. GREECE AND TURKEY BECAME ELIGIBLE FOR THE ABOVE AUTOMATICALLY UPON JOINING NATO ON 15 FEBRUARY 1952. EXACT INFORMATION AS TO WHEN THEY STARTED USING THE STUFF IS NOT AVAILABLE BUT I CAN GET IT IF NECESSARY. IT WAS NOT UNTIL THE LAST PART OF 1952.

E. IN ADDITION THERE ARE MISCELLANEOUS TACTICAL AND AIR-GROUND CODES, AUTHENTICATION SYSTEMS, ETC. APPROVED BUT NOT YET EFFECTIVE.

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~~SECURITY INFORMATION~~

PARAPHRASE NOT REQUIRED

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THATS IT OM INT QSL KK

GOT IT OK TIME CLOSE PLS

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UBU E

WBOV