

~~TOP SECRET FROTH~~

IV. ENIGMA WIRINGS

C. Miscellaneous Enigmas

TOP SECRET CONTROL NO. 182-4
Copy 4 of 30 Copies
Page 181 of 239 Pages

~~TOP SECRET FROTH~~

ENIGMA WIRINGS

Page 183

Name of Machine: 4-I ENIGMA

Source: 34 (p. 326-327)

No wiring was found for the 4-I Enigma. The machine proved to be the Service wheels I, II, and III, with the fixed Bruno reflector and Stecker. It is the only example known to the U.S. Coast Guard of the Service machine being used for clandestine traffic. The Bordeaux end of the 4-I circuit acted as a sort of monitoring and relay station which listened in to certain outstations for the Hamburg control, and furnished Hamburg with the text of an outstation message in the event that Hamburg failed to receive it.

TOP SECRET ~~CONTROL NO.~~ 182-4
Copy 4 of 30 Copies
Page 183 of 239 Pages

~~TOP SECRET FROTH~~~~TOP SECRET FROTH~~

Page 184

ENIGMA WIRINGS

Name of Machine: CZECHOSLOVAKIAN GENERAL STAFF ENIGMA

Source: 13 (p. 1-2)

The Czechoslovakian Enigma was used only for higher military staff communications. The variable elements of the machine were the choice of any three of five wheels to be inserted in the machine; choice of cog setting in each of the 1 to 26 positions in the three wheels; choice of the initial position of each of 1 to 26 numbers of each of the three wheels.

No wiring accompanied the discussion of this Enigma.

TOP SECRET CONTROL NO. 182-4
Copy 7 of 30 Copies
Page 184 of 239 Pages

~~TOP SECRET FROTH~~

~~TOP SECRET FROTH~~

Page 186

ENIGMA WIRINGS

Name of Machine: ENIGMA (unidentified)

Source: 45 (p. 7); 68; 68; NSA-31; NSA-31; unknown

The wirings on the following pages are miscellaneous, unidentified ones, and as far as is recognizable, they are unassociated with any specific Enigma previously discussed. Sources for the six wirings are given in respective order.

TOP SECRET CONTROL NO. 182-4
Copy 4 of 30 Copies
Page 186 of 239 Pages

~~TOP SECRET FROTH~~

~~TOP SECRET FROTH~~

ENIGMA WIRINGS

Name of Machine: ENIGMA (unidentified)

Endplate Sequence:

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z (Endplate)
Q W E R T Z U I O A S D F G H J K P Y X C V B N M L (Keyboard)

Rotors:

Blue I r. A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
1. T V J Y D S H Z I M B R Q K X L O C F P U W G N A E

Green II A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
N B A M L C K P X J Z D W I V E U F T G Q H R S Y O

Red III A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
Q R X A I H V J B K C L D M E N F U W G Z Y O T S P

Reflector: A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Notch patterns are indicated by /

~~TOP SECRET FROTH~~

~~TOP SECRET FROTH~~

Page 188

ENIGMA WIRINGS

Name of Machine: ENIGMA (unidentified)

Endplate Sequence:

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z (Endplate)
(Keyboard)

Rotors:

I. A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

II. A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

III. A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Reflector: A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
(Special) C G A M P Q B S T W N R D K U E F L H I O Y J Z V X
(This reflector with r in position Z gives the same effect as Bruno with B in position A)

Notch patterns are indicated by /

TOP SECRET CONTROL NO. 182-4
Copy 4 of 30 Copies
Page 188 of 239 Pages

~~TOP SECRET FROTH~~