IV. ENIGMA WIRINGS

C. Miscellaneous Enigmas
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.
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.
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.
Name of Machine: ENIGMA (unidentified)

Endplate Sequence:

ABCDEFGHIJKLMNOPQRSTUVWXYZ (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

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 T O


Notch patterns are indicated by /
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)
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 (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

(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 /
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


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

Notch patterns are indicated by /
Name of Machine: ENIGMA (unidentified)

Endplate Sequence:

ABCDEFGHIJKLMNOPQRSTUVWXYZ(Endplate)

(Keyboard)

Rotors: (Unidentified captured wheels located in NSA-31; each one has the number 01182a inscribed on it.)


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

IV. 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

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

V. 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

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


Notch patterns are indicated by /
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)

(A Keyboard)

Rotors: (Unidentified captured wheels located in NSA-31)

   r. T R D N S

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
    H C E X 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
     Y W P I S


Notch patterns are indicated by /
Name of Machine: S 3 ENIGMA (unidentified)

Endplate Sequence:

ABCDEFGHIJKLMNOPQRSTUVWXYZ (Endplate)

ABCD EFGHIJKLMNOPQRSTUVWXYZ (Keyboard)

Rotors: (right side only)

S 3 B

ABCDEFGHIJKLMNOPQRSTUVWXYZ (3 ea.)

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

A O Z P C H 8 G F J N B D W I L U K X Q Y R E V T

S 3 G

ABCDEFGHIJKLMNOPQRSTUVWXYZ (3 ea.)

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

S 3 G

ABCDEFGHIJKLMNOPQRSTUVWXYZ (3 ea.)

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

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

Reflector:

ABCDEFGHIJKLMNOPQRSTUVWXYZ

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

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

Notch patterns are indicated by /