

NATIONAL SECURITY AGENCY
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CATALOG OF ENIGMA CIPHER MACHINE WIRINGS

Compiled by

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

By means of the following report, it is intended to bring together under one cover the available Enigma cipher machine wirings used prior to 1946. As one of the principal targets of the combined Anglo-American cryptanalytic effort during World War II, the German Enigma machine was the basis for a considerable number of reports. These have been searched for pertinent material. The record of Enigma wirings is complex and varied due to the use of this machine by many countries in one of its basic forms, or with alterations and innovations. Included in this paper are rotor wirings given by the British, the U.S. Navy, Coast Guard, and Army. Some of these wirings are clearly and explicitly presented; others are briefly noted; many have been taken from work sheets, and bits of scattered, unassociated papers wholly intelligible only to their originators; some exist without accompaniment of explanatory data. Wirings and the machines to which they pertain will be discussed briefly under separate headings insofar as data is available.

Suggestions, critical comments, and additional sources of Enigma information are welcomed from readers for use in subsequent editions of this paper.

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