NSA REGULATION
NUMBER  90-2 (Change 1)

CANCELLED WHEN CHANGE IS ENTERED IN BASIC REGULATION

NOMENCLATURE FOR COMMUNICATIONS SECURITY MATERIALS

In NSA Regulation Number 90-2, dated 24 November 1954, make the following changes:

a. Remove pages 3 and 4 and insert the revised pages 3 and 4 attached hereto. This revision incorporates:

(1) Deletion of the old sub-paragraph 3 c and redesignation and correction of sub-paragraph 3 d under Section III.

(2) Changes in the context of paragraph 4, Section III, entitled "Development Model Identification."

(3) Renumbering of "Modification Identification" paragraph under Section III.

b. Remove the Appendix and insert the revised Appendix attached hereto. This revision incorporates:

(1) Addition of a new category, "L - Miscellaneous" in Column 4, under "COMSEC AIDS."

(2) Changes under "Examples," making them compatible with the revisions indicated in a (1) and (2), above.
c. By pen and ink correction in Section III, paragraph 5 a (1), delete the numeral "2" appearing at the end of the short title "KLB-3C/TSEC."

d. Change Section VIII to read:

"Staff supervision of the policy established herein is the responsibility of the Deputy Director, Communications Security."

BY COMMAND OF LIEUTENANT GENERAL CANINE:

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Incls:

Pages 3 & 4, and Appendix (Revised) to NSA Regulation 90-2 dtd 24 November 1954

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(b) Short titles for COMSEC aids will be derived as explained in SECTION IV.

d. "TSEC" nomenclature will not be assigned to parts, sub-assemblies, sub-units or similar items that will otherwise be subject to parts cataloging under other systems.

SECTION III - SHORT TITLES FOR COMSEC EQUIPMENT

1. Definitions: For the purpose of assignment of short titles to equipments and components, the following definitions will apply:

a. Equipment: A single equipment, or a group of two (2) or more components which is capable of operating independently to perform all the functions required to fulfill an intended COMSEC purpose. (Examples: literal cipher machine, teletypewriter security equipment, key tape production equipment, tape checker.)

b. Component:

   (1) A group of parts assembled together as a unit to perform a definite and complete function necessary to the operation of the equipment of which it is a part. (Examples: cipher unit, key generator, alarm unit, stepping unit), or

   (2) A group of parts assembled together as a separately removable and replaceable (and accountable, as appropriate) unit, although the group may not, in itself, perform a complete function necessary to the operation of the equipment of which it is a part. (Examples: drawer, cabinet, keyer assembly, tube chassis.)

2. Equipment Short Titles: Equipment short titles will contain the following elements, arranged in the order listed:

   a. The system designator "TSEC", followed by a slant line.

   b. A type number consisting of a descriptive digraph, a dash and an equipment number.

      (1) Descriptive digraphs will be selected from the Table of Indicators; each will include:

      (a) A "Function" indicator, to indicate the basic, or general function which the equipment performs.
(b) A "Type" indicator, to indicate the general type of the equipment.

(2) Equipment numbers will be selected consecutively beginning with 1 for the first of each series of identical descriptive digraphs.


3. Component Short Titles: Component short titles will contain the following elements, arranged in the order listed:

a. A type number consisting of a descriptive trigraph, a dash and a component number.

(1) Descriptive trigraphs will be selected from the Table of Indicators; each will include:

(a) The "Function" and "Type" indicators of the equipment of which the component is a part.

(b) A "Component" indicator, to indicate the specific type or function of the component.

(2) Component numbers will be selected consecutively beginning with 1 for the first of each series of identical trigraphs.

b. The system designator "TSEC" preceded by a slant line.


4. Development Model Identification:

The letter "D" and a number inclosed in parentheses following the basic short title will identify an equipment or component that is in research or development. Beginning with 1 for the first model, succeeding models will bear consecutive numbers. When the final model goes into production, this element of the short title will be dropped.

Examples: TSEC/KL-4(D-1), KYG-3(D-5)/TSEC

5. Modification Identification:

a. Each significant modification to an equipment or component that results in the loss of interchangeability of its
### NOMENCLATURE SYSTEM FOR U.S. COMSEC MATERIALS

#### ("TSEC" SYSTEM)

**TABLE OF INDICATORS**

<table>
<thead>
<tr>
<th>FUNCTION</th>
<th>TYPE</th>
<th>EQUIPMENT COMPONENTS</th>
<th>COMSEC AIDS</th>
</tr>
</thead>
<tbody>
<tr>
<td>K - Cryptographic</td>
<td>A - COMSEC aid</td>
<td>A - Keying element advancing unit</td>
<td>A - Authentication system</td>
</tr>
<tr>
<td></td>
<td>G - Key generation</td>
<td>B - Basic unit, base, cabinet</td>
<td>B - Modification instructions</td>
</tr>
<tr>
<td>H - Ancillary</td>
<td>I - Data transmission (Citrol)</td>
<td>C - Combining unit</td>
<td>C - Code system</td>
</tr>
<tr>
<td>M - Manufacturing</td>
<td>L - Literal conversion (Cipher)</td>
<td>D - Drawer, panel</td>
<td>D - Keying disk</td>
</tr>
<tr>
<td>S - Special purpose</td>
<td>P - Materials production</td>
<td>E - Strip, chassis</td>
<td>G - General publication</td>
</tr>
<tr>
<td></td>
<td>S - Special purpose</td>
<td>F - Frame, rack</td>
<td>I - Recognition and/or identification system</td>
</tr>
<tr>
<td></td>
<td>T - Testing, checking</td>
<td>G - Key generator</td>
<td>K - Key list</td>
</tr>
<tr>
<td></td>
<td>U - Television (Division)</td>
<td>H - Keyboard</td>
<td>L - Miscellaneous</td>
</tr>
<tr>
<td></td>
<td>W - Teletypewriter (Cipher)</td>
<td>I - Transistor, reader</td>
<td>M - Maintenance manual</td>
</tr>
<tr>
<td></td>
<td>X - Facsimile (Glx)</td>
<td>K - Keying element or unit</td>
<td>O - Operating manual</td>
</tr>
<tr>
<td></td>
<td>Y - Speech (Ciphony)</td>
<td>L - Repeater</td>
<td>R - Rotor</td>
</tr>
</tbody>
</table>

#### Examples:

| TSEC/KY-1      | - Speech security equipment, No. 1 |
| TSEC/WM-3      | - Teletype ancillary equipment, No. 3 |
| TSEC/KY-5      | - Production testing equipment, No. 5 |
| TSEC/KX-4A     | - First modification of literal cipher machine, No. 4 |
| TSEC/KX-2(D-1) | - Facsimile security equipment, No. 2, first in development model |
| KYC-1/TSEC     | - Combining unit, No. 4 (KY series), for general use with speech security equipments |
| KXD-7/TSEC     | - Drawer, No. 7 (KY series), part of facsimile security equipment, No. 2 |
| HMR-3(D-2)/TSEC | - Receiver terminal, No. 3 (HM series), for general use with teletype ancillary equipments, second in development model |
| MPK-4A/TSEC    | - First modification of keying unit, No. 4 (MP series), part of production equipment, No. 3 |

Note: The table of equipment component indicators may be expanded, as required, to include a complete alphabet for each Function or for each Category.

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Appendix to NSA Regulation
No. 90-2, 24 November 1954
(Revised 15 May 1955)